

SCHOOL OF BUSINESS STUDIES

# PLACEMENT BROCHURE 2024-2025



**Punjab Agricultural University**

Ludhiana

An A<sup>+</sup> Grade ICAR accredited University



## Message Dean

I am honored to present the placement brochure of the School of Business Studies, Punjab Agricultural University, Ludhiana, for the 2023–2025 batch.

Since its inception in 1971, the School of Business Studies has been committed to excellence in management education, carving a niche for itself by fostering industry-oriented learning and professional development. Our dynamic academic environment, enriched with practical exposure and skill-building opportunities, empowers young and competent graduates to stay ahead in the rapidly evolving business landscape by embracing cutting-edge knowledge and globally relevant practices.

As we continue our journey of academic excellence, I take immense pride in the achievements of our students and faculty. I extend my best wishes to all MBA and MBA (Agribusiness) students for a successful and fulfilling career. To our esteemed recruiters, I extend a warm invitation to consider the School of Business Studies among the premier institutions for campus placements.

We look forward to forging strong and lasting partnerships with your esteemed organization. I am confident that our students will prove to be valuable assets, driving innovation and contributing to the success of your enterprise while bringing pride to their alma mater.

*With warm regards and best wishes*

**Dr. Kiran Bains**  
**Dean,**  
**College of Basic Sciences & Humanities**





## Message Director

It is with immense pride and pleasure that I welcome you to our institution. Our goal is not only to provide a world-class education but also to ensure that our students are equipped with the skills, knowledge, and professionalism required to excel in their careers.

At School of Business Studies (SBS), we prioritize providing high-quality education to equip students for careers in management. SBS, one of the region's oldest management institutes, combines theoretical knowledge with practical experience to prepare students for careers in business and industry. SBS students are taught essential qualities such as creativity, innovation, effective communication, problem-solving, and professional ethics. SBS's curriculum aims to provide pupils with a holistic learning environment that fosters overall personal growth.

Our faculty encourage students to strive for excellence and set high goals for themselves. I cordially invite you to the placement program at SBS, Punjab Agricultural University, Ludhiana. The graduating 2025 class is a bright and determined group. Each of them will benefit your organization.

Over the years, we have built strong relationships with leading companies across various industries. This collaborative effort allows us to offer students valuable exposure and opportunities in the workforce. Our placement cell works tirelessly to bridge the gap between academic learning and professional experience, ensuring that every student has a pathway to success.

*Kind regards and best wishes.*

**Dr. Ramandeep Singh**  
**Director,**  
**School of Business Studies**







## Message

# Placement Coordinator

As the Placement Chair for the MBA and MBA Agribusiness programs, I take great pride in the accomplishments of our students and the dynamic learning environment fostered within our university. Our commitment to academic excellence, hands-on experience, and industry collaboration ensures that our graduates are equipped with the skills, knowledge, and leadership capabilities that today's organizations demand.

We maintain strong ties with leading national and international corporations, agribusiness ventures, and innovative startups. This network plays a crucial role in ensuring that our students have access to diverse career opportunities across various industries, including finance, marketing, supply chain, and agribusiness. Our placement cell is dedicated to providing tailored support to each student, guiding them through the recruitment process while nurturing their professional development. We understand the importance of a seamless transition from academia to the workplace and are committed to fostering long-term success for every individual. We are excited to continue our tradition of excellence and are confident that our graduates will make a positive impact in their chosen fields.

**Dr. Khushdeep Dharni**  
Associate Director  
Placement Cell

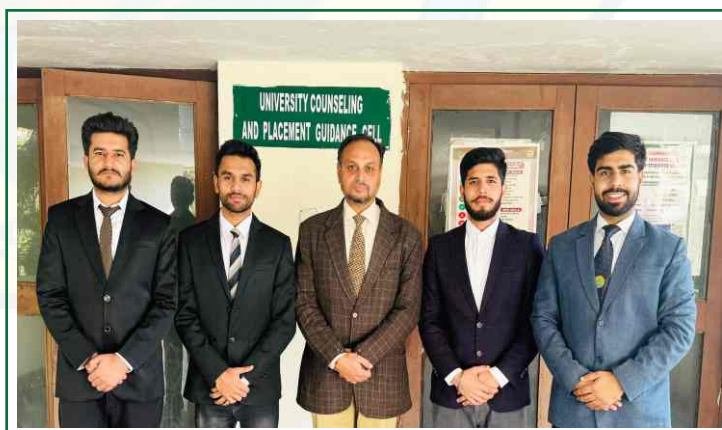
(M) +91 8146133399  
Email: kdharni@pau.edu

## PLACEMENT COMMITTEE OF SCHOOL OF BUSINESS STUDIES

### Faculty Placement Committee

Dr. Khushdeep Dharni	Chairperson
✉ kdharni@pau.edu	
Dr. Sukhmani	Convener
✉ sukhmani@pau.edu	
Dr. Sandeep Kapur	Member
✉ skapur@pau.edu	
Dr. Pratibha Goyal	Member
✉ pratibha@pau.edu	
Dr. Navdeep Aggarwal	Member
✉ navdeepaggarwal@pau.edu	
Dr. Mohit Gupta	Member
✉ mgupta@pau.edu	
Dr. Rakesh Rathore	Member
✉ rathore@pau.edu	

### Students Committee



Madhav Bhardwaj	☎ + 91 9517711505	✉ madhavbhardwaj5171@gmail.com
Aryan Kasnia	☎ + 91 9728997875	✉ aryankasnia1001@gmail.com
Kanav	☎ + 91 9041475064	✉ kanavsaini995@gmail.com
Aryan Sardana	☎ + 91 9352371270	✉ ariansardana016@gmail.com
Abhishek Malhotra	☎ + 91 7589300005	✉ abhishekmalhotra276@gmail.com
Sonampreet Thind	☎ + 91 9781529080	✉ sonamthind2660@gmail.com
Unnati Anand	☎ +91 9693503412	✉ unnati7799@gmail.com





# Punjab Agricultural University

Punjab Agricultural University (PAU) was established on October 17, 1962. It was formally inaugurated by the then Prime Minister of India, Pandit Jawaharlal Nehru, on July 8, 1963. On trifurcation of Punjab State in November 1966, Haryana Agricultural University (HAU) was carved out of PAU by an Act of Parliament in February 1970. Later, HAU received its present nomenclature Chaudhary Charan Singh Haryana Agricultural University (CCSHAU), Hisar in 1991. Subsequently, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, was carved out of CCSHAU in 2010. In 2006, the College of Veterinary Science was upgraded to Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) at Ludhiana. College of Agriculture, Palampur, established under the aegis of PAU, was transferred to Himachal Pradesh University in 1970, which later led to the establishment of Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishwavidyalaya (CSKHPAKV), Palampur, in 1978. Later Dr Yashwant Singh Parmar University of Horticulture & Forestry, Solan, was carved out of CSKHPAKV in 1985. Punjab Agricultural University rightly reserves the claim to be the vanguard of multiple State Agricultural Universities.

Modeled on the pattern of Land Grant Colleges of the USA, the Punjab Agricultural University (PAU) is committed to impart teaching, research and extension education in agriculture and its allied fields. Its immense contribution in the overall growth in agriculture and in human resource development has given it the status of the prime engine of development in Punjab and one of the best Agricultural Universities in Asia. The University is a focal point of several new scientific discoveries and innovations which have triggered rapid agricultural transformation in the country. It is proud of its alumni who have contributed in improving the agricultural production and have enabled a relatively small state of Punjab with only 4.2 million hectare cultivated area to contribute 35-70 per cent wheat and 25-45 per cent rice towards central food reserves of the country. This is a consequence of path-breaking research at PAU backed by world-class teaching, and extension services provided at the door-step of farmers, and the continuous Government policy support. Since inception, the University has developed/recommended 945 varieties/ hybrids of different crops out of which 229 varieties have also been released at national level.



The varieties developed by Punjab Agricultural University became popular not only in Punjab but also in other states. These include, "HB 1", world's first grain pearl millet hybrid, 'Paras' the first single cross hybrid of maize, 'PGSH 51' the first hybrid of gobhi sarson in India, first hybrid muskmelon (Punjab hybrid) in India, first biofortified (high grain zinc) wheat variety (PBW1 Zn) in India, first public sector Bt cotton variety (PAU Bt 1) in India, first canola quality raya hybrid (RCH1) in the country, first canola gobhi sarson (GSC 6) variety in India, first hullless seeded pumpkin (PAU magaz kadoo 1) in India. PAU is the first State Agricultural University to develop two potato varieties Punjab Potato 101 & Punjab Potato 102 through its in-house breeding programme. The varieties of wheat, rice, maize and chickpea developed by PAU were put under commercial cultivation in other countries too. In horticulture, development of improved varieties / hybrids of vegetables, new introduction of fruits, production of healthy nursery and improved cultivation led to significant increase in their area and production. Kinnow occupies the first position among fruits in the State. Recently released less seeded variety of Kinnow, namely, PAU Kinnow-1 is more suitable for processing. The Soil Reclamation Technology developed by the University helped reclaiming 6 lac ha of salt affected soils in the State. Recent efforts on conservation of agriculture have led to the development of micro-irrigation and fertigation regimes in field and horticultural crops, laser and levelling, PAU Super Straw Management System, Happy Seeder, Smart Seeder, PAU Straw Cutter-cum-Spreader technologies and agronomic practices under residue retention in fields. Biofertilizers (Consortium inoculants) have been recommended for 17 crops for enhancing yield and improving soil health. Technology development has also focussed on nutrition through variety development and processing intervention. Research in agricultural engineering led to the emergence of Punjab as a hub of farm machinery manufacturing and mechanization. 45% of the agricultural machinery recommended by ICAR at National Level has been developed at PAU.

In recognition of these outstanding achievements in agricultural research, education and effective transfer of technology, PAU was the first to win the 'ICAR Best Institution Award' in 1995 and again got 'Sardar Patel' outstanding ICAR Institution Award' in 2017. PAU has been accredited with overall A+ grade by ICAR for five years (2019-2024). During 2020, PAU was ranked 5th among Agricultural Universities and Institutes of India by ICAR with 2nd position among State Agricultural Universities. PAU was ranked 1st among all Agricultural Institutes of the country by Society of Genetics and Plant Breeding for development of landmark varieties in 2017. It was also ranked 1st by Confederation of Indian Industries-Indian Citation Index (CII-ICI) among all State Universities (including agricultural and non-agricultural universities) of the country with respect to total number of publications and total number of citations.

## Mission

- Excellence in teaching, research and extension.
- Developing quality human resource.
- Undertaking basic, applied and adaptive research.
- Developing and promoting appropriate technologies for supporting Agro-based industries for enhancing farm income and generating self-employment opportunities for the youth. Developing effective mechanism to transfer knowledge, skills and technology to farmers and agricultural organizations through extension services.
- Improving socio-economic conditions of the farming community through cost-effective technologies.
- Seeking appropriate solutions to emerging problems and challenges



## Some facts about PAU

• Campus area	1222 acre
• Off-campus area	5742 acre
• Regional Research Stations	09
• Fruit Research Stations	03
• KVKs & FASCs	33

• Seed Farms	04
• Faculty*	788
• Non teaching Staff*	1642
• Students on roll**	4033



# Infrastructure and Support Facilities

The main campus of Punjab Agricultural University is spread over an area of 1222 acres (Colleges and Residential 531 acres and Research Farms 691 acres). The administrative building Thapar Hall has been named after the founder Vice Chancellor of the University, Dr P N Thapar.

## College Buildings

Each constituent college has its own double/triple storeyed buildings, housing various departments. College of Agriculture, being the largest, has many additional buildings viz. PG building (Lal Singh Labs and Labh Singh Labs), Soil Science (Dr N S Randhawa building), Food Science & Technology, Agronomy and Biotechnology (Dr Gurdev S Khush Labs).



## Classrooms and Laboratories

Each college is provided with sufficient number of classrooms, teaching and research laboratories, seminar rooms, committee rooms and computer rooms.

## AR/VR Laboratory

Augmented Reality and Virtual Reality Lab has been established in the department with support from ICAR under the NAHEP programme. VR headsets have been provided by the ICAR. Modules of Tractor simulation, hydroponics and protected cultivation technologies, fish anatomy, advanced irrigation methods and technologies, Nematology - Study of nematodes, assisted reproductive technologies (OPU-IVF and cloning) in dairy animals etc. are provided



## Smart Class Rooms

In addition to well-furnished classrooms, there are sufficient number of state-of-the-art smart classrooms in each college, equipped with LCD projector, computer with power back-up, interactive board, internet connectivity and recording facilities. Facilities are available for video-conferencing in College of Agriculture, College of Agricultural Engineering & Technology, College of Basic Sciences & Humanities, College of Community Science and College of Horticulture & Forestry.





## Auditoria

The University has several auditoria of varying capacities suited for different kinds of uses. Each auditorium is equipped with latest audio-visual equipment and fitted with comfortable seating arrangement. Except the Open-Air Theatre, all auditoria are air-conditioned with proper stage, light and sound arrangements.

Name of Auditorium	Location	Seating Capacity
Dr Manmohan Singh Auditorium	Near PAU Golden Jubilee Gate No. 1	1160
Dr BP Pal Auditorim	College of Agriculture	630
Dr NE Borlaug Auditorium	Department of Economics & Sociology	180
Dr CM Jacob Hall	College of Agril. Engg & Technology	200
Library Auditorium	Mohinder Singh Randhawa Library	70
Shaheed Bhagat Singh Auditorium	Students' Home	110
Dr AS Khehra Open Air Theatre	Kisan Mela Ground	4000
Dr Khem Singh Gill Farmers' Service Centre	Directorate of Extension Education	100
Dr Kulwant Singh Virk Auditorium	School of Business Studies	64





## Hostels

Separate hostels for girls and boys are available. All hostels have wi-fi connectivity and facilities for indoor games. Important newspapers and magazines are made available in each hostel. A separate International Hostel with special facilities is also available for foreign students



## Sports and Games Facilities

The University has excellent facilities for sports and games. Amongst sports infrastructure, Astro turf Hockey Ground, Shooting Range, Cycling Velodrome and Swimming Pool stand out as landmark facilities, which are as per the specifications of international competitions. In addition to these, there are athletic tracks, courts for Lawn Tennis, Badminton Volleyball, Handball, Basketball and grounds for Cricket and Football. The University also has a modern gymnasium facility with seating capacity of 2000, housing indoor badminton courts, table tennis, body building and weight lifting facilities, in addition to other indoor games.



## University Health Centre

To meet the medical needs of students, faculty and staff of the University, there is a 12-bed health centre in the campus, equipped with a clinical laboratory, digital X-Ray facilities, and an ambulance. Emergency facilities are available round the clock.



## Dr Mohinder Singh Randhawa Library

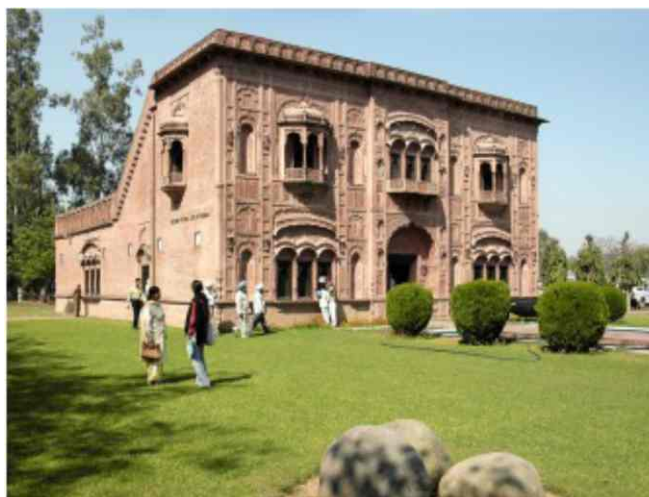
Dr M S Randhawa Library is an intellectual hub of academic and research activities for all the departments, Krishi Vigyan Kendra's and Regional Research Stations for dissemination of agricultural information generated within the country and abroad. It is housed in a five-storey majestic building with a seating capacity of 760. In addition, the library has two outer reading halls namely Sh. T P Saxena and Dr Kulbir Singh Gill reading halls with Wi-Fi connectivity which remain open 24X7 for the readers. The library's web page is a gateway to the latest information about its resources, rules and regulations, and services of the library. It has a collection of 4,24,014 documents which includes books, theses, bound periodicals and CDs to fulfil the needs of its members. The library subscribes to 12 newspapers and 13 popular magazines. About 3000 e-journals and 1174 e-Books are accessible through CeRA (Consortium for e-Resources in Agriculture). Further, the library also provides access to scholarly content covering agriculture and allied areas through different databases like Indiatat.com, ISO Standards on food products (full text standards) etc. Dr Mohinder Singh Randhawa Library .



The library is fully computerized through cloud-based KOHA, the integrated library automation software which enables working in an integrated multi-user and networked environment. The entire library collection is accessible through OPAC (Online Public Access Catalogue). The library has digitized the theses, dissertations and PAU journals & magazines which are accessible through PAU Repository. Furthermore, Krishi Kosh repository provides access to 2,75,006 documents contributed by all State Agricultural Universities and ICAR institutes. One of the salient features of the library is the latest collection of competitive books like ARS, NET, UGC, GRE, IELTS, CAT, JRF etc. Besides, the library also preserves as well as the cultural heritage of country. The ambience of the library supports a quiet and peaceful place for self-study.

## Museums and Art Gallery

**Museum of Social History and Rural Life of Punjab:** It is a unique museum built on the PAU campus in 1974 which reflects the university's involvement with state folklore and mirrors village life. The museum displays the old agricultural implements and tools used to decorate draught animals. It is also a repository of cultural ethos and traditions, kitchenware, Persian wheel, free-time vocations that engage the women; and depicts typical real-life situations of rural Punjab. It is an attraction for people from various profiles of society, especially, students, non-resident Indians, etc.





# Program Structure

The school follows a syllabus based on the BSMA (Broad Subject Matter Area) guidelines of Indian Council of Agricultural Research (ICAR). It offers modern laboratories, along with computers and LCD projectors in all classrooms. Additionally, a smart room is available in the department for special lectures. Guest lectures are also conducted regularly.

FIRST SEMESTER	
ABM /MGT 501	Principles of Management and Organisational Behaviour
ABM /MGT 502	Managerial Accounting and Control
ABM /MGT 503	Applied Agribusiness Economics
ABM /MGT 506	Agricultural and Food Marketing Management I
ABM /MGT 539	Communication for Management and Agribusiness
ABM /MGT 541	Computer Application for Agribusiness
Stat. 502	Statistical Methods for Applied Sciences
PGS 505	Agricultural Research, Research Ethics and Rural Development Programmes

SECOND SEMESTER	
ABM /MGT 504	Human Resource Management for Agricultural Organisations
ABM /MGT 505	Production and Operations Management
ABM /MGT 507	Agricultural and Food Marketing Management II
ABM /MGT 509	International Trade for Agricultural Products
ABM /MGT 537	Operations Research
ABM /MGT 538	Financial Management in Agribusiness
ABM /MGT 540	Research Methodology for Agribusiness Management
ABM /MGT 543	Agribusiness Environment and Policy
PGS 501	Library And Information Services
ABM /MGT 595	Summer Internship

## MBA (AGRIBUSINESS MANAGEMENT)

THIRD SEMESTER	
ABM 508	Agri Supply Chain Management
ABM 510	Food Technology and Processing Management
ABM 519	Management of Agricultural Input Marketing
ABM 544	Agribusiness Laws and Ethics
ABM 591	Seminar
PGS 502	Technical Writing and Communication Skills
PGS 504	Basis concepts in Laboratory Techniques
ABM 599	Master's Research

FOURTH SEMESTER	
ABM 511	Rural Marketing
ABM 531	Advertising and Brand Management
ABM 536	Strategic Management for Agriculture Enterprise
ABM 542	Project Management and Agribusiness Entrepreneurship
PGS 503	Intellectual Property and its Management in Agriculture
Stat. 512	Basic Sampling Techniques
ABM 599	Master's Research

## HUMAN RESOURCE MANAGEMENT

THIRD SEMESTER	
MGT 508	Supply Chain Management
MGT 528	Personnel Management Practices
MGT 529	Human Resource Development
MGT 530	Industrial Relations in India
MGT 544	Business Laws and Ethics
MGT 591	Seminar
PGS 502	Technical Writing and Communication Skills
PGS 504	Basic Concepts in Laboratory Techniques
MGT 599	Master's Research

FOURTH SEMESTER	
MGT 532	Industrial and Labour Laws
MGT 536	Strategic Management
MGT 542	Project Management and Entrepreneurship
PGS 503	Intellectual Property and its Management in Agriculture
Stat. 512	Basic Sampling Techniques
MGT 599	Master's Research

## FINANCIAL MANAGEMENT

THIRD SEMESTER	
MGT 508	Supply Chain Management
MGT 517	Management of Control Systems
MGT 518	Management of Financial Services
MGT 519	Investment Management
MGT 544	Business Laws and Ethics
MGT 591	Seminar
MGT 502	Technical Writing and Communication Skills
MGT 504	Basic Concepts in Laboratory Techniques
MGT 599	Master's Research

FOURTH SEMESTER	
MGT 520	International Financial Management
MGT 536	Strategic Management
MGT 542	Project Management and Entrepreneurship
PGS 503	Intellectual Property and its Management in Agriculture
Stat. 512	Basic Sampling Techniques
MGT 599	Master's Research

## MARKETING MANAGEMENT

THIRD SEMESTER	
MGT 508	Supply Chain Management
MGT-510	Brand and Advertising Management
MGT-512	Consumer Behaviour
MGT-513	Retail Management
MGT 544	Business Laws and Ethics
MGT 591	Seminar
MGT 502	Technical Writing and Communication Skills
MGT 504	Basic Concepts in Laboratory
MGT 599	Master's Research

FOURTH SEMSTER	
MGT-511	Services Marketing
MGT 536	Strategic Management
MGT 542	Project Management and Entrepreneurship
PGS 503	Intellectual Property and its Management in Agriculture
Stat. 512	Basic Sampling Techniques
MGT 599	Master's Research

# Our Prestigious Faculty



**Dr. Ramandeep Singh**

**Director**

**B.Sc (Forestry) from Punjab Agricultural University, Ludhiana (1991)**

**MBA Punjabi University, Patiala (1993)**

**Ph.D.(Business Administration) from Guru Nanak Dev University, Amritsar (2005)**



**Dr. Sandeep Kapur (Professor)**

**B.Tech., Punjab Agricultural University, Ludhiana (1987)**

**M.B.A., Punjab Agricultural University, Ludhiana (1990)**

**Ph.D., Punjab Agricultural University, Ludhiana (2001)**



**Dr. Pratibha Goyal (Professor), (On Deputation)**

**B.A. with Hons in English, Punjabi University, Patiala (1987)**

**MBA.,Guru Nanak Dev University, Amritsar (1989)**

**Ph.D., Punjabi University, Patiala (1993)**



**Dr. Gagandeep Banga (Professor)**

**B.Sc(Chem.)Hons., Punjab Agricultural University, Ludhiana (1986)**

**MBA, Punjab Agricultural University, Ludhiana (1990)**

**Ph.D.(Business Administration) Punjab Technical University, Jalandhar (2007)**



**Dr. Babita Kumar (Professor)**

**B.Sc (Medical) Punjab University, Chandigarh (1991)**

**MBA (Marketing), Punjab Agricultural University, Ludhiana (1993)**

**Ph.D (Marketing Management), Guru Nanak Dev University, Amritsar (2002)**



**Dr. L.M. Kathuria (Professor)**

**B.Com., Guru Nanak Dev University, Amritsar (1991);**

**M.B.A., Guru Nanak Dev University, Amritsar (1994);**

**M.Com., Punjabi University, Patiala (1998);**

**Ph.D. (Business Administration), Guru Nanak Dev University, Amritsar (2005)**



**Dr. Khushdeep Dharni (Professor)**

**B.E. (Mechanical Engineering), Punjabi University, Patiala (1996);**

**MBA, Punjab Agricultural University, Ludhiana (1998);**

**PGDOM, IGNOU, New Delhi (2001),**

**Ph.D, Thapar University, Patiala (2010)**



**Dr. Navdeep Aggarwal (Professor)**

**B.Tech., Punjab Agricultural University, Ludhiana (1995)**

**M.B.A., Punjab Agricultural University, Ludhiana (1997)**

**Ph.D., Punjab Agricultural University, Ludhiana (2002)**





# Our Prestigious Faculty



**Dr. Mohit Gupta (Professor)**

**B.Sc(Agriculture), Punjab Agricultural University, Ludhiana (1996)**

**MBA, Punjab Agricultural University, Ludhiana (1999)**

**Ph.D., Guru Nanak Dev University, Amritsar (2011)**



**Dr. Sukhmani (Assistant Professor)**

**B.Com, Guru Nanak Dev University, Amritsar (2002)**

**MBA, Guru Nanak Dev University, Amritsar (2004)**

**Ph.D., Guru Nanak Dev University Amritsar (2010)**



**Dr. Rakesh Rathore (Assistant Professor)**

**BSc. (Agriculture) Nagaland University, Nagaland (2014),**

**MBA (Agribusiness) CCS, Haryana Agricultural University, Hisar, Haryana (2016),**

**Ph.D. (Agribusiness Management) Institute of Agri Business**

**Management, S.K. Rajasthan Agricultural University, Bikaner, Rajasthan, (2019).**



**Dr. Sarishma Sharma (Teaching Assistant)**

**B.Com., Govt. College for Women , Ludhiana(2009);**

**MBA, Punjab Agricultural University, Ludhiana (2011)**

**Ph.D., Punjab Agricultural University, Ludhiana (2016)**



**Dr. Manveer Singh (Teaching Assistant)**

**B.Tech.(Mechanical Engineering), Punjab Technical University, Kapurthala (2007)**

**M.B.A.(Marketing), Punjab Technical University, Kapurthala (2009)**

**Ph.D. (Business Management), Punjab Agricultural University, Ludhiana (2016)**



**Dr. Navneet Kaur Gill (Teaching Assistant)**

**B.Tech (IT) Baba Banda Singh Bahadur**

**Engg. College, Fatehgarh Sahib, Punjab Technical University (2008)**

**MBA (IT Networking/Marketing) LMTSM Thapar University (2010)**

**UGC-NET in Management (2012)**

**Ph.D (Business Management) LTSM, Thapar University (2020)**



**Dr. Roohi (Teaching Assistant)**

**B.Tech.(Hons.) Food technology, Punjab Agricultural University, Ludhiana (2014)**

**M.B.A (Agri Business Management), Punjab Agricultural University, Ludhiana (2017)**

**Credit Manager, HDFC Bank (2017-19)**

**Ph.D. Business Administration Punjab Agricultural University, Ludhiana (2024)**



# Our Associate Faculty

- ◆ Dr. Mohammed Javed, Professor of Statistics Mathematics, Statistics and Physics
- ◆ Dr. Sukhjinder Singh Sidhu, Professor of Mathematics, Department of Mathematics, Statistics and Physics
- ◆ Dr. Harmandeep Singh, Assistant Professor of Mathematics, Department of Mathematics, Statistics and Physics
- ◆ Dr. Pankaj Sharma, Assistant Plant Pathologist, Plant Breeding and Genetics
- ◆ Dr. Ashoo Toor, Assistant Professor, Agricultural Journalism, Language & Culture
- ◆ Dr. Sumedha Bhandari, Assistant Professor, Agricultural Journalism, Language & Culture
- ◆ Dr. Vandana Kanwar, Assistant Scientist, Human Development & Family Studies
- ◆ Dr. (Mrs.) Suniti Bala, Assistant Librarian, Dr. M.S. Randhawa Library
- ◆ Dr. (Mrs.) Aarti Sharma, Assistant Librarian, Dr. M.S. Randhawa Library
- ◆ Dr. Jitender Mohan Singh, Professor of Economics, Department of Economics and Sociology
- ◆ Ms Renu, Teaching Assistant, Department of Mathematics, Statistics and Physics
- ◆ Ms Ankita Garg, Teaching Assistant, Department of Mathematics, Statistics and Physics
- ◆ Dr. Manjeet Kaur, Senior Farm Economist, Department of Economics and Sociology
- ◆ Dr. Arjinder Kaur, Senior Agricultural Economist, Department of Economics and Sociology
- ◆ Dr. (Ms.) Laishram Priscilla, Assistant Farm Economist, Department of Economics and Sociology
- ◆ Dr. Rumesh, Maize Breeder, Department of Plant Breeding and Genetics.



# Summer Internship 2024

Students are required to undergo “In-industry training” with a reputed firm/organisation for a period of four weeks during the month of June and are required to submit a report along with a presentation after completion of training.



**mahindra** *Rise*



## LUDHIANA MANAGEMENT ASSOCIATION

The School of Business Studies created the Ludhiana Management Association (LMA), native branch of the All India Management Association, in December 1978. DR. D.R. Singh, Head of the Department of Business Management, founded and led this association. LMA offers a great venue for members to address modern management difficulties. Its regular attractions include lectures, conferences and workshops. LMA membership applies to all MBA and MBA (Agribusiness) students at the School of Business Studies. They have numerous opportunities to connect with top management consultants, senior executives, economists, and other professionals. LMA also conducts short Executive Development Programs for top and middle-level managers of local industries.





# Previous Placements



The highest CTC for the batch 2022-24  
was 8 LPA with the average CTC of 8 LPA



# PLACEMENT PROCESS

## ROLE OF PLACEMENT COMMITTEE

The Placement Committee plays a crucial role in bridging the gap between students and prospective employers. It actively collaborates with industry leaders, organizes placement drives, and facilitates internships to enhance students' career prospects. The committee ensures a smooth placement process by coordinating with companies, preparing students through training sessions, and maintaining strong corporate relations. Its efforts are dedicated to providing the best opportunities for students, aligning their skills with industry demands.

## PRE-PLACEMENT TALKS

Pre-Placement Talk (PPT) enables companies and students to interact with each other. The representatives from companies share key aspects of their firm, work environment, and growth opportunities. A typical PPT session is scheduled for 60 minutes followed by a 15 minutes long Q&A session.

## APPLICATION AND SHORTLISTS

In response to job descriptions floated by companies, interested students apply through the Placements Office, managed by the Student Placements Team. A detailed Resume submitted by the students as part of the application process. On the basis of student applications, companies are required to send shortlists to the Placement Office at least a week prior to their final placement interviews.

## PLACEMENT INTERVIEWS

The final placement process is conducted over a period of time beginning in September. Companies are encouraged to visit the campus for conducting the placement process.

## OFFERS AND ACCEPTANCE

The company can make an offer to the student after the final interview. For an offer to be valid, it should include details of the role, location, remuneration, and other relevant terms and conditions required by the candidate to make a decision. The offer is communicated by the company to the Placements office, which in turn communicates it to the selected students. The acceptance of an offer is governed by the placement rules of PAU.



# CORPORATE SOCIAL RESPONSIBILITY INITIATIVE



**Dr. Maria Afzal (Business Mentor)**  
**Ph.D. (Management) Jamia Millia Islamia University, New Delhi (2022)**  
**B. Com, Delhi University, New Delhi (2012)**  
**M.com (Business Management), Jamia Millia Islamia University, New Delhi (2014)**  
**B.Ed (Commerce), Jamia Millia Islamia University, New Delhi (2015)**

**Dr. Maria Afzal, a distinguished business leader from Trident Limited, is our business mentor as part of the CSR initiative to mentor students. With her extensive industry expertise, she seeks to empower students with profound business acumen, strategic leadership skills, and practical insights, preparing them to excel in the dynamic corporate landscape.**

# Batch Profile - 2023-25





# MBA (MARKETING MANAGEMENT)

Abhishek Malhotra (24)

Ludhiana, Punjab

✉ abhishekmalhotra276@gmail.com



**Phone** - 7589300005

**LinkedIn** - <http://linkedin.com/in/abhishekmalhotra05>

**About**- He is a results-driven professional with 20 months of experience in CRM operations and the EdTech industry. With expertise in CRM strategy and implementation, cross-functional collaboration, marketing strategy, and data management, he is dedicated to leveraging his skills and experience to drive meaningful impact. Passionate about innovation and problem-solving, he is always eager to take on new challenges and contribute to transformative initiatives

**Current degree**- MBA (Marketing Management)

**Bachelor degree**- BBA, Arya College, Ludhiana

**Work experience** - 20 months (UPGRAD, BYJUS)

**Summer internship company** - ERNST & YOUNG (EY)

**Research Title** - A study of factors influencing research activities of postgraduate students in Punjab Agricultural University, Ludhiana

Harjot Singh (25)

Abohar, Punjab

✉ sidhuharjot75@gmail.com



**Phone Number**:- 8146851243

**About**:- He is a dedicated and hardworking individual with strong leadership skills, capable of motivating and guiding teams toward success. With excellent communication abilities, he effectively collaborates and resolves issues. His patience and keen focus on time management ensure tasks are completed efficiently and deadlines are met, all while maintaining a positive attitude.

**Current Degree**:- MBA (Marketing Management)

**Bachelor Degree**:- B.Sc. (Hons) Agriculture, Khalsa college, Amritsar

**Summer Internship Company**:- VERKA

**Summer Internship Role**:- Marketing intern

**Research title**: A study of preference, buying behaviour and perceived risk towards protein supplements among gym goers in Ludhiana city

Sakshi (22)

Ludhiana, Punjab

✉ sakshidogra00@gmail.com



**Phone Number**:- 7681914467

**LinkedIn ID**:- <http://linkedin.com/in/sakshi-dogra-781009350>

**About**:- She is a detail-oriented recent graduate with a strong understanding of marketing principles, seeking a marketing role to leverage her analytical skills and creativity in developing targeted campaigns.

**Current Degree**:- MBA (Marketing)

**Bachelor Degree**:- B.Com

**Summer Internship Company**:- VERKA MILKFED LUDHIANA

**Summer Internship Role**:- Marketing Intern

**Research Title**: A study of consumer purchase intention towards Natural-labelled personal care products in Ludhiana city

# MBA (FINANCIAL MANAGEMENT)

Aditi Joshi (23)

Ludhiana, Punjab

✉ aditij1709@gmail.com



**Phone Number:** - 7814019184

**LinkedIn** - <https://www.linkedin.com/in/aditi-joshi-b9279632b>

**About:** -About - She is a results-driven and motivated student of financial management with a strong interest in budgeting, investment, and financial analysis. With strong analytical skills, data interpretation, and problem-solving abilities, combined with excellent communication skills, she aims to contribute to a dynamic team and drive business growth.

**Current Degree:** - MBA (Financial management)

**Bachelor Degree:** - B.com, Guru Nanak Khalsa College for women (PU), Ludhiana

**Work Experience:** - Fresher

**"Summer Internship Company:** - VARDHMAN APPARELS

**Summer Internship Role:** - Finance intern

**Summer Internship Title:** - Working capital management

**Research title:** Assessment and antecedents of working women's participation in financial decision making of the family in Ludhiana city.

Harshpreet Singh (22)

Ludhiana, Punjab

✉ harshpreet9996@gmail.com



**Phone Number:** - 6239469927

**LinkedIn ID:** - <http://linkedin.com/in/harshpreet-singh-b559a0237>

**About:** - He is an MBA finance student, building expertise in financial management, investment strategies, and financial analysis. With a strong foundation in data interpretation, forecasting, and budgeting, he aims to leverage his skills to make strategic financial decisions and contribute to the growth of organizations in investment management and financial planning roles.

**Current Degree:** - MBA (Financial Management)

**Bachelor Degree:** - B.com

**Summer Internship Company:** - HDFC ASSET MANAGEMENT COMPANY LIMITED

**Summer Internship Role:** - Finance Intern

**Research title-** A study of factors influencing consumer continuance intention to use mobile banking in Ludhiana city.

Jaskirat Singh (23)

Ludhiana, Punjab

✉ jaskirat10singh@gmail.com



**Phone Number:** - 7814001285

**LinkedIn ID:** - <https://www.linkedin.com/in/jaskirat-singh-851142255>

**About:** - He is a motivated and results-driven professional with a strong background in commerce. Excelling in dynamic environments, he leverages his skills in data analysis, attention to detail, communication, teamwork, time management, adaptability, Excel proficiency, problem-solving, and client relationship management to drive team success. He is eager to grow within the field.

**Current Degree:** - MBA (Financial Management)

**Bachelor Degree:** - B.com (Hons) S.C.D. Govt College Ludhiana

**Summer Internship Company:** - NIRMAL BANG SECURITIES PVT LTD

**Summer Internship Role:** - Finance Intern

**Research title :** Assessment of Financial Literacy & Its Determinants: A Study of Generation Z in Ludhiana city

Khushkaran Punj (23)

Ludhiana, Punjab

✉ khushkaranpunj7@gmail.com



**Phone Number:** - 7986611847

**LinkedIn Profile** - <https://www.linkedin.com/in/khushkaran-punj-238b24313>

**About:** - He is a motivated and detail-oriented finance professional with a strong foundation in financial analysis and strategic planning. Passionate about solving complex financial challenges, his academic journey, combined with practical exposure, equips him to contribute effectively and grow within the dynamic financial industry

**Current Degree:** - MBA (Financial Management)

**Bachelor Degree:** - B.com Punjab university Chandigarh

**Summer Internship Company:** - NIRMAL BANG SECURITIES PVT LTD

**Summer Internship Role:** - Finance intern

Niharika Mittal (22)

Moga, Punjab

✉ niharikamittal2605@gmail.com



**Phone Number:** - 6283128355

**LinkedIn Profile** - <https://www.linkedin.com/in/niharika-mittal-81305533b>

**About:** - She is currently pursuing an MBA in Finance and plans to pursue the CFA (Chartered Financial Analyst) certification. With a keen interest in financial analysis and investment strategies, she aims to expand her knowledge and experience in the field of finance and investing.

**Current Degree:** - MBA (Financial Management)

**Bachelor Degree:** - B.com, MCM DAV College, Chandigarh

**Summer Internship Company:** - HDFC ASSET MANAGEMENT COMPANY

**Summer Internship Role:** - Sales intern

**Research Title** - A STUDY OF THE IMPACT OF NEW PRODUCT LAUNCH AND JOINT VENTURE ANNOUNCEMENT RELATED NEWS ON STOCK PRICES IN INDIA

Randeep Kaur (24)

Ludhiana, Punjab

✉ randeepkaur3002@gmail.com



**Phone Number:** - 8566022000

**LinkedIn ID:** - <http://linkedin.com/in/randeep-kaur-27b600216>

**About:** - She is a hardworking individual who approaches every opportunity with dedication and honesty. She excels at building strong relationships with people and values meaningful connections.

**Current Degree:** - MBA (Financial Management)

**Bachelor Degree:** - BTech (information technology)

**Summer Internship Company:** - JHR OVERSEAS

**Summer Internship Role:** - Finance intern

**Research title:** - A study on adoption of m-payments among elderly consumers of Ludhiana city



Shazia Khatoon (22)

Ludhiana, Punjab

✉ shaziakatoon.sk7@gmail.com



**Phone Number:** - 7696384225

**LinkedIn ID:** <https://www.linkedin.com/in/shazia-khatoon-628660220>

**About:** - She is a highly communicative, detail-oriented, and versatile individual. Confident in her abilities, she strives for continuous improvement in her work and takes control of situations rather than letting them control her. She is a quick learner with expertise in personnel management, strong communication skills, and a foundational knowledge of accounts. In her free time, she enjoys art and music.

**Current Degree:** - MBA (Financial Management)

**Bachelor Degree:** - BBA (Human resource), Khalsa college for women, Ludhiana

**Summer Internship Company:** - VARDHMAN APPARELS

**Summer Internship Role:** - Accounts intern

**Research topic:** study on financial literacy and financial attitude of street vendors in Ludhiana City.

## MBA (AGRIBUSINESS MANAGEMENT)

Akshdeep Singh (24)

Hoshiarpur, Punjab

✉ akshdeepsingh2608@gmail.com



**Phone Number:** - 9914842256

**LinkedIn profile:** <http://linkedin.com/in/akshdeep-singh-3711a732b>

**About:** - He possesses skills applicable to both the field and corporate sectors, excelling in handling serious situations effectively. His flexibility, versatility, and extroverted nature enable him to adapt to diverse environments and engage confidently with others.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, DAV University, Jalandhar

**Summer Internship Company:** - VERKA

**Summer Internship Role:** - Marketing Intern

**Research topic:** A STUDY OF PERCEPTION AND BUYING BEHAVIOUR OF CONSUMERS TOWARDS CANOLA OIL IN LUDHIANA CITY

Amritpal Singh (23)

Fazilka, Punjab

✉ pal2001amrit@gmail.com



**Phone Number:** - 9335530008

**LinkedIn profile:** <http://linkedin.com/in/amritpal-singh-39955a281>

**About:** - He has a strong focus on sustainable agricultural practices, market analysis, and supply chain optimization. His strategic thinking and practical problem-solving skills enable him to drive efficiency and innovation within the agribusiness sector. He is eager to leverage his expertise to contribute to the growth and sustainability of agribusiness organizations

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Khalsa college, Amritsar

**“Summer Internship Company:** - Mahindra Summit Agriscience, Ltd

**Summer Internship Role:** - Marketing intern

**Summer Internship Title:** - Develop and implement social media strategies across various platforms to boost brand visibility and engagement

**Research title:** A study of supply chain practices of selected compressed biogas unit and farmers' perception in Fazilka district .

Aryan Kasnia (26)

Sirsa, Haryana

✉ aryankasnia1001@gmail.com



**Phone Number:** - 9728997875

**LinkedIn ID:** - <https://www.linkedin.com/in/aryan-kasnia-139b89292/>

**About:** - He is a highly motivated professional passionate about bridging agriculture and business through sustainable solutions. Skilled in agribusiness strategy, market development, and supply chain management, he possesses strong analytical, problem-solving, and teamwork abilities. Proficient in MS Office and AI tools, he thrives in dynamic environments, delivering high-quality results. Dedicated to continuous learning, he aims to foster growth in the agricultural sector while promoting environmental and social responsibility.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Guru Kashi University Talwandi Sabo, Bathinda

**Summer Internship Company:** - PUNJAB AGRI EXPORT CORPORATION LIMITED (PAGREXCO)

**Summer Internship Role:** - Marketing Intern and Operation Management Intern

**Research title:** A study of consumer perception, buying behaviour and factors influencing consumption of frozen vegetables in Ludhiana city.

Aryan Sardana (24)

Shri Ganganagar, Rajasthan

✉ ariansardana016@gmail.com



**Phone Number:** - 9352371270

**LinkedIn ID:** - <https://www.linkedin.com/in/aryansardana>

**About:** - He brings a blend of academic expertise and practical exposure, including marketing internships at Vardhman Textiles Ltd. and Markfed. Proficient in MS Office and AI tools, he excels in analytical thinking, adaptability, and teamwork, aiming to make a meaningful contribution to the agribusiness sector

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Guru Nanak Dev University, Amritsar

**Summer Internship Company:** - VARDHMAN TEXTILES LTD.

**Summer Internship Role:** - Marketing intern

**Research Title** - New Product Development And Commercialization Of Selected Food Products Developed By Pau And Consumer's Perception And Adoption Of Pau Food Products

Aseemtoz Singh Brar (23)

Bathinda, Punjab

✉ aseembrar006@gmail.com



**Phone Number:** - 9041414714

**LinkedIn ID:** - <http://linkedin.com/in/aseemtoz-singh-brar-96200b350>

**About:** - He is a dedicated and results-driven professional with a strong foundation in business management and a keen interest in agricultural sustainability and market strategies. His problem-solving mindset, combined with leadership and teamwork skills, enables him to drive growth and innovation in the agribusiness sector. He is eager to contribute and make a meaningful impact.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons.) Agriculture, Khalsa college, Amritsar

**Summer Internship Company:** - SPORTKING INDIA LIMITED

**Summer Internship Role:** - Human Resource Management intern

**Research title:** A study on marketing practices of cotton farmers in Bathinda district of Punjab

Dishal Goyal (24)

Barnala, Punjab

✉ dishalgoyal4@gmail.com



**Phone Number:** - 9855695734

**LinkedIn ID:** - <http://linkedin.com/in/dishalgoyal>

**About:** - He is a student with valuable experience from his internship at Trident Group, specializing in supply chain and procurement. With knowledge of financial management and proficiency in SAP software, combined with strong teamwork and keen observational skills, he aims to contribute to efficient operations and organizational growth

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Khalsa college, Amritsar

**Summer Internship Company:** - TRIDENT GROUP

**Summer Internship Role:** - Procurement, Supply Chain management

**Research Topic:** A Study Of Expectations Of Channel Members Of Existing Agri-machinery And Development Of Distribution Plan For The Selected Punjab Agribusiness Incubator (pabi) Start-ups

Gagandeep Singh (24)

Ludhiana, Punjab

✉ gaganlohat17@gmail.com



**Phone Number:** - 9592947723

**LinkedIn ID:** <https://www.linkedin.com/in/gagandeep-singh-4495a52b4>

**About:** - He is a sincere student with a passion for creative business ideas and sustainable agriculture. His academic background has provided him with knowledge in supply chains, marketing, and agricultural management. By bridging the gap between business and agriculture, he aims to drive growth and address global food and sustainability challenges

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. Biotechnology, Punjab Agricultural University, Ludhiana

**Summer Internship Company:** - VERKA

**Summer Internship Role:** - Marketing

**Research Title :** A Study On Consumer Attitude, Perceived Risk, And Factors Influencing The Purchase Of Palm Oil-Based Packaged Food Products In Ludhiana City

Harmeet Singh (23)

Ludhiana, Punjab

✉ hameetsidhu12345@gmail.com



**Phone Number:** - 9814763668

**About:** - He has a strong interest in marketing and gained valuable experience in market analysis and strategic planning during his internship at Verka as a Marketing Intern. Passionate about brand development and consumer engagement, he is eager to contribute innovative marketing strategies in dynamic environments, leveraging his communication and problem-solving skills to create impactful results in the agribusiness and marketing sectors.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. Agriculture, Khalsa college Amritsar

**Summer Internship Company:** - VERKA

**Summer Internship Role:** - Marketing Intern

**Research title:** A study of preference, buying behaviour and perceived risk towards energy drinks among youth in Ludhiana city



Himanshu Krishan (23)

Kathua, Jammu

✉ himanshusharma57977@gmail.com



**Phone Number:** - 7051330341

**LinkedIn ID:** <http://linkedin.com/in/himanshu-krishan-710511276>

**About:** - He is a versatile and innovative individual with strong leadership qualities. He excels at managing serious and high-stress situations effectively, demonstrating adaptability, problem-solving skills, and a commitment to achieving results under challenging circumstances.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Guru Nanak Dev University, Amritsar

**Summer Internship Company:** - DARRICK INSECTICIDES LTD

**Summer Internship Role:** - Marketing and HR Intern

**Research Title:** A Study Of Readiness And Adoption Of E-Commerce By Micro, Small And Medium Scale Food Processors In Punjab

Isha Bansal (23)

Bathinda, Punjab

✉ bisha4781@gmail.com



**Phone Number:** - 6284693717

**LinkedIn profile:** <https://www.linkedin.com/in/isha-bansal-967188312>

**About:** - She brings a strong understanding of agricultural markets, supply chain management, and business strategies. With analytical skills, leadership experience, and a passion for sustainable practices, she is driven to contribute innovative solutions to agribusiness challenges, ensuring growth and profitability while fostering environmental and social responsibility.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons.) Horticulture, PAU Ludhiana

**Work Experience:** - Fresher

**"Summer Internship Company:** - YARA FERTILIZERS

**Summer Internship Role:** - Marketing intern

**Summer Internship Title:** - Product awareness and demand generation of YARA VITA procote Zn

**Research title** - A Study of supply chain management of guava -

Jobanpal Singh Sekhon (24)

Abohar, Punjab

✉ jobanpalsekhon@gmail.com



**Phone Number:** - 9888181503

**LinkedIn ID:** <http://linkedin.com/in/jobanpal-singh-sekhon-557181350>

**About:** - He has hands-on experience in farming, having worked closely with agricultural and protected olericulture practices, along with specialized training in organic farming. Additionally, he gained valuable insights into the dairy sector through his training with the Punjab Dairy Development Board. His summer internship with Sportking India in the production department further enhanced his skills in operations and production management, providing exposure to large-scale industrial processes.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Khalsa college, Amritsar

**Summer Internship Company:** - SPORTKING INDIA

**Summer Internship Role:** - Production cum Industry relations intern

**Research title:-** Biologicals in cotton : A study of farmers' perception regarding efficacy of pheromone based solutions for managing pink bollworm.

Kamalpreet Singh (25)

Bathinda, Punjab

✉ [sidhuk565@gmail.com](mailto:sidhuk565@gmail.com)



**Phone Number:** - 7837008888

**LinkedIn ID:** <http://linkedin.com/in/kamalpreet-singh-3342472a3>

**About:** - He is an environmentally conscious individual with a passion for sustainability. He enjoys exploring creativity through theatre and staying active with table tennis. Adventure fuels his spirit, whether through biking or embracing new challenges. His love for nature and outdoor activities shapes his approach to life, making him an enthusiastic and dynamic person with diverse interests.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Punjab Agricultural University, Ludhiana

**Summer Internship Company:** - VERKA

**Summer Internship Role:** - Marketing intern

**Research Title:** A study of marketing strategies and practices of briquette

Kanav (24)

Pathankot, Punjab

✉ [kanavsaini995@gmail.com](mailto:kanavsaini995@gmail.com)



**Phone Number:-** 9041475064

**LinkedIn ID:** <http://linkedin.com/in/kanav-saini-493185350>

**About:-** He is passionate about outdoor sports like cricket, basketball, and football, and he excels at crafting compelling presentations and has foundational expertise in HTML. He values solitude, enjoys immersive gaming experiences, and has a deep fondness for dogs, blending academic rigor with a reflective and dynamic personality.

**Current Degree:-** MBA (Agribusiness Management)

**Bachelor Degree:-** BSc (Hons) Agriculture, Government college Hoshiarpur

**Summer Internship Company:-** UPL (united phosphorus limited)

**Summer Internship Role:-** Marketing Intern

**Research Title:** A Study On Perception And Attitude Of Consumer Towards Buying Selected Value-added Products of Sugarcane

Kuljeetpal Singh (26)

Bathinda, Punjab

✉ [kittumann04@gmail.com](mailto:kittumann04@gmail.com)



**Phone Number:** - 8968731712

**About:** - He has a keen interest in stock market analysis and actively invests to enhance his financial acumen. With strong analytical skills and a strategic mindset, he continuously explores market trends and investment opportunities.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Punjab Agricultural University, Ludhiana

**Summer Internship Company:** - VERKA

**Summer Internship Role:** - Marketing intern

**Research Title -** A Study of Adoption Of Technology And Constraints Faced By Dairy Entrepreneurs In Punjab.

Madhav Bhardwaj (23)

Bathinda, Punjab

✉ madhavbhardwaj5171@gmail.com



**Phone Number:** - 9517711505,

**LinkedIn ID:** - <https://www.linkedin.com/in/madhav-bhardwaj-03918232b>

**About:** - He is a dynamic marketing enthusiast with hands-on experience as a Marketing Intern at Mahindra, gaining expertise in digital marketing and leveraging AI tools to enhance marketing strategies. As a fellowship holder and university representative at IIM, Tata, and other competitive events, he has developed strong communication and presentation skills. With knowledge of agriculture and sustainable practices, he is passionate about marketing strategies and eager to contribute to innovative projects.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Khalsa College, Amritsar

**Summer Internship Company:** - MAHINDRA SUMMIT AGRISCIENCE LIMITED

**Summer Internship Role:** - Marketing Intern

**Research Title** - A Study of Consumer Preferences And Developing Marketing Plan For Selected Novel Healthy Breakfast Cereal

Manjot Kaur (23)

Sangrur, Punjab

✉ manjotchim601@gmail.com



**Phone Number:** - 9814310716

**LinkedIn ID:** - <http://linkedin.com/in/manjot-kaur-16853734b>

**About:** - She has hands-on experience in market research and strategic planning. During her internship with PAGREXCO, she developed skills in evaluating consumer behavior and designing operational frameworks for production. This experience strengthened her proficiency in sustainable agriculture and strategic market planning.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Punjab Agricultural University, Ludhiana

**Summer Internship Company:** - PUNJAB AGRI EXPORT CORPORATION LIMITED (PAGREXCO)

**Summer Internship Role:** - Marketing intern

**Research Title:** Research Title: Honey As An Ingredient In Value Added Food Products: A Study Of Consumer Attitude And Perception In Punjab

Manpreet Singh (26)

Bathinda, Punjab

✉ manpreetmann689@gmail.com



**Phone Number:** - 7814928400

**LinkedIn ID:** - <http://linkedin.com/in/manpreet-singh-0103b2254>

**About:** - He is an extrovert who thrives in dynamic environments and enjoys interacting with people. His adaptability and flexibility enable him to excel in various roles. With a proactive attitude, excellent communication skills, and a strong desire to learn and collaborate, he aims to make a meaningful contribution to every project.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.sc agriculture, guru Gobind Singh college, Talwandi Sabo

**Summer Internship Company:** - VERKA

**Summer Internship Role:** - Marketing intern

**Research Title:** Food Waste Management: A Study Of Consumers' Perception And Management Practices Followed By Hotels And Restaurants In Bathinda District



Manpreet Singh (23)

Ludhiana, Punjab

✉ mnpreet96l@gmail.com



**Phone Number:** - 6283447043

**LinkedIn ID:** - <https://www.linkedin.com/in/manpreet-singh-218531290>

**About:** - He is passionate about bridging the gap between agriculture and business through innovative solutions and sustainable practices. With a keen interest in agribusiness strategy, market development, and supply chain management, he is committed to advancing the agricultural industry by leveraging his knowledge and expertise.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, PCTE, Ludhiana

**Summer Internship Company:** - VERKA

**Summer Internship Role:** - Marketing intern

**Research Topic:** A Study of Perception And Buying Behaviour Of Consumers Towards Probiotic Fruit Yogurt

Prince (23)

Fazilka, Punjab

✉ princemutneja38@gmail.com



**Phone Number:** - 9814954331

**LinkedIn profile:** <http://linkedin.com/in/prince-26a4b2187>

**About:** - He is passionate about integrating innovative strategies to drive growth in the agricultural and food sectors. With expertise in market research and supply chain optimization, he has gained valuable experience in enhancing brand visibility during his recent internship. With strong skills in strategic planning, data analysis, and problem-solving, he aims to build a successful career in agribusiness management.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Khalsa college, Amritsar

**Summer Internship Company:** - MAHINDRA SUMMIT AGRISCIENCE LTD

**Summer Internship Role:** - Marketing intern

**Research Title:** A Study of Retail Practices And Farmers' Preferences Towards Buying Fungicides In Fazilka District

Rohit Garg (24)

Muktsar, Punjab

✉ gargrohit029@gmail.com



**Phone Number:** - 9041787277

**LinkedIn ID:** - <http://linkedin.com/in/rohit-garg-a2819b33b>

**About:** - He is a passionate and results-driven professional with a keen interest in sustainable agriculture, supply chain management, and innovation in the Agri-tech sector. Through hands-on experience and a strong understanding of the agricultural value chain, strategic business planning, and market dynamics, he excels in analytical thinking and problem-solving. His strong communication and leadership skills enable him to contribute effectively to the evolving landscape of agribusiness.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Khalsa College, Amritsar

**Summer Internship Company:** - SEVRIN CHEMICALS PVT. LTD.

**Summer Internship Role:** - Marketing Intern

**Research title:** - Perceived effect of rising cost of agricultural inputs on farmers income in Shri Muktsar Sahib district

Sonampreet Thind (25)

Ferozepur, Punjab

✉ sonamthind2660@gmail.com



**Phone Number:** - 9781529080

**LinkedIn ID:** - <https://www.linkedin.com/in/sonam-thind-b3b106283>

**About:** - She is an aspiring agribusiness leader with strong focus on market research and supply chain management with strong foundation in advance excel and other analytical skills. She is also passionate about innovative agribusiness solutions

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc. (Hons) Agriculture, Punjab Agricultural University, Ludhiana

**Summer Internship Company:** - TRIDENT GROUP

**Summer Internship Role:** - Sales and marketing intern

**Research Title:** A Study on Problems And Prospects Of Chilli Growers In Ferozepur District Of Punjab

Sujata (24)

Jalandhar, Punjab

✉ sujatabadgal45@gmail.com



**Phone Number:** - 6283654552

**LinkedIn ID:** - <https://www.linkedin.com/in/sujata-147a47248>

**About:** - She excels in adapting to new skills and knowledge, with strong communication and academic abilities. With a keen analytical mindset and problem-solving skills, she is committed to contributing effectively to the agribusiness sector.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B.Sc.(hons.) Agriculture, CT institute of management and information technology, Jalandhar

**Summer Internship Company:** - TRIDENT GROUP, LUDHIANA

**Summer Internship Role:** - Sales and marketing intern

**Research topic:** Tariff and Non-Tariff barriers faced by agricultural and processed food exporters in Punjab

Venu (23)

Fatehgarh Sahib, Punjab

✉ gargvenu123@gmail.com



**Phone Number:** - 7973618620

**LinkedIn ID:** - <https://www.linkedin.com/in/venu-aggarwal-05723222>

**About:** - She has a strong foundation in agriculture and business management. She interned at Verka Sangrur Milk Plant in marketing, showcasing discipline, punctuality, and multitasking abilities. Proficient in Microsoft Office and multilingual communication, she excels in team management. Her vibrant personality shines through her love for travel, dance, and diverse learning pursuits.

**Current Degree:** - MBA (Agribusiness Management)

**Bachelor Degree:** - B. Sc (Hons.) Agriculture, Mata Gujri College, Fatehgarh sahib

**Summer Internship Company:** - VERKA

**Summer Internship Role:** - Marketing intern

**Research Title:** A Study Of Marketing Practices And Consumer Preferences Towards Selected Food Products Offered By Pabi Startups



The following MBA (Agribusiness) students at Punjab Agricultural University, Ludhiana, enrolled through the ICAR AIEEA PG program and the 3rd counseling of the PAU entrance test, are anticipated to graduate in January 2026.

Aashish (23)

Indore (Madhya Pradesh)

✉ 1ashishjagtap@gmail.com



**Phone number** -9109041418

**LinkedIn ID** - <http://linkedin.com/in/ashish-jagtap-413903219>

**About** -He is pursuing a master's in MBA Agribusiness Management with a strong foundation in Marketing, Production and Operations, Supply Chain, and Human Resource Management. He acquired extensive experience in food processing and value addition, along with expertise in operation research and management. During his academic journey, he completed an internship at Pratap Snacks Ltd Indore and Indo American Hybrid Seed Pvt. Ltd., where he was trained in seed grading, treating, packing, and quality testing. His skills in inventory management, raw material procurement, and quality analysis contributed to his professional growth in the agribusiness sector.

**Current Degree** - MBA (Agribusiness Management)

**Bachelor degree** – B.Sc. (Hons) Horticulture, UHS Bagalkot, Karnataka.

**Summer Internship Company** – Pratap Snacks Ltd Indore

**Summer Internship Role** – Production Intern

**Research title** – Factors Affecting Employability Of Agricultural Graduates And Postgraduates: A Study Of Employers In Ludhiana City.

Himanshi Kumari (25)

Bokaro Steel City (Jharkhand)

✉ himanshiha3@gmail.com



**Phone number** - 6205631382

**LinkedIn ID** - <https://www.linkedin.com/in/himanshi-kumari>

**About** -She is a dedicated and organized professional with a background in agribusiness management and agriculture. She has gained research experience as an intern at the Central Marketing Organization (SAIL), where she worked on the feasibility study of steel by-products in agriculture. She holds a BSc in Agriculture from Swami Vivekanand Faculty of Technology and Management with a strong academic record. Skilled in critical thinking, teamwork, leadership, and project management, she has also contributed to an e-magazine, managed college events, and participated in creative competitions, demonstrating her versatility and commitment to excellence.

**Current Degree** - MBA (Agribusiness Management)

**Bachelor degree** - B Sc. Hons (Agriculture) Swami Vivekanand Faculty of Technology and Management (SVIET) Chandigarh

**Summer Internship Company** - Central Marketing Organization (Steel Authority of India)

**Summer Internship Role** - Research and New product Development intern

**Research title** - A study of Consumers' perception and buying behaviour towards mushrooms in Ludhiana city



Jishnu.M.V (27)

Kannur, Kerala

✉ jishnuias123@gmail.com



**Phone number:** 9567240820

**LinkedIn Id:** <https://www.linkedin.com/in/jishnu-m-v-756a6631b>

**About:** He is a skilled professional with expertise in crop production, farm management, and high-tech farming with hands-on experience as an Agriculture Facilitator in the Office of the Assistant Director of Agriculture, Iritty Block, Kannur, Kerala. He worked as a Project Assistant at the Agency for Development of Aquaculture, Kerala, under the National Adaptation for Climate Change project by NABARD and Nursery Manager at Sreelakshmi Agriculture Nursery, Kannur. His strong leadership, organizational skills, and commitment to sustainable farming make him an asset to any organization seeking to enhance agricultural productivity and innovation.

**Current degree:** MBA (Agribusiness management)

**Bachelor degree:** B.Sc. (Hons) Agriculture

**Summer internship company:** Madayikkal Agro service, Wayanad, Kerala

**Summer internship role:** Marketing Assistant

**Research title:** A study of consumer perception, buying behaviour and factors influencing consumption of packaged coconut water in Ludhiana city.

Pingili Rahul Reddy (29)

Warangal,Telangana

✉ pingilirahulreddy743@gmail.com



**Phone number** - 8897040837

**LinkedIn ID** - <https://www.linkedin.com/in/rahul-reddy-->

**About** - He is highly motivated, adaptable, and passionate about agribusiness, developed strong analytical and technical skills. He worked as a Marketing Intern at Verka, gaining hands-on experience in market research, brand positioning, and consumer behaviour analysis in the dairy industry. He has completed a Tableau certification from Forage, enhancing his ability to analyse and visualize data effectively. With his problem-solving skills and industry knowledge, he aims to contribute meaningfully to the agribusiness sector, particularly in areas like marketing strategies, supply chain optimization, and business development.

**Current Degree** - MBA (Agribusiness Management)

**Bachelor Degree** - B.Sc. Agriculture, Dr. Bhimrao Ambedkar University, AGRA

**Summer Internship Company** - Verka

**Summer Internship Role** - Marketing Intern

**Research Title** - A study of the problems faced by farmers in supplying milk to milk federation in Ludhiana district

Riya Bishwas (25)

Katihar (Bihar)

✉ - riyabishwas06@gmail.com



**Phone number** - 9973905663

**LinkedIn ID** - <https://www.linkedin.com/in/riya-bishwas-885170181>

**About** -She is a passionate MBA candidate specializing in Agribusiness, with a strong foundation in business management, agricultural sustainability, and agribusiness strategy. She has interned at Eco safe Agriscience India and Krishi Vigyan Kendra, working on farmer awareness and climate-resilient agriculture projects. She holds a B.Sc. in Horticulture from Bihar Agricultural University and is currently pursuing her MBA at Punjab Agricultural University. Her skills include market research, adaptability, resilience and sustainable agricultural practices. She has also won awards for her contributions at agricultural exhibitions. She enjoys traveling, music, and reading.

**Current Degree** - MBA (Agribusiness Management)

**Bachelor degree** -B.Sc. Horticulture

**Summer Internship Company** - Eco safe Agriscience India Pvt. Ltd.

**Summer Internship Role** - Marketing intern

**Research title** - Adoption of sustainable practices among food processing firms of Punjab.

Sumit L Ramteke (24)

Nagpur, Maharashtra

✉ [sumitramteke321@gmail.com](mailto:sumitramteke321@gmail.com)



**Phone number** -9370168327

**LinkedIn ID** - [www.linkedin.com/in/sumit-ramteke-a289492a2](https://www.linkedin.com/in/sumit-ramteke-a289492a2)

**About** -A motivated agribusiness professional with marketing experience at UK Agri Chem Pvt. Ltd. Skilled in communication, problem-solving, and teamwork, he is proficient in MS Office and AI tools. Awarded for academic excellence, he is passionate about sustainable agriculture, agri-tech innovations, and entrepreneurship, aiming to drive growth and innovation in the sector while promoting environmental responsibility.

**Current Degree** -MBA (Agribusiness Management)

**Bachelor degree** -B.Sc. (Hons.) Agriculture, Dr. Panjabrao Deshmukh Krishi Vidyapeeth Akola

**Summer Internship Company** - U. K. Agri Chem Industries Private Limited

**Summer Internship Role** - Marketing intern

**Research title** -Factor affecting growth of agricultural co-operative societies: a case study.

Unnati Anand (25)

Patna, Bihar

✉ [unnati7799@gmail.com](mailto:unnati7799@gmail.com)



**Phone number** - 9693503412

**LinkedIn ID** - <https://www.linkedin.com/in/unnati-anand>

**About** - She is a results-driven agribusiness professional with a strong foundation in Horticulture, committed to driving innovation and sustainability in the agricultural sector. A proven leader, she is a distinguished NCC cadet with a C-certificate and has been recognized with multiple accolades, including the prestigious DG NCC Commendation Card (2022–23). With a strategic mindset and a keen interest in marketing, she blends analytical thinking with problem-solving skills. She is dedicated to developing impactful solutions that enhance the efficiency and sustainability of agribusiness.

**Current Degree** - MBA (Agribusiness Management)

**Bachelor degree** - B.Sc. (Hons.) Horticulture

**Summer Internship Company** - IFFCO

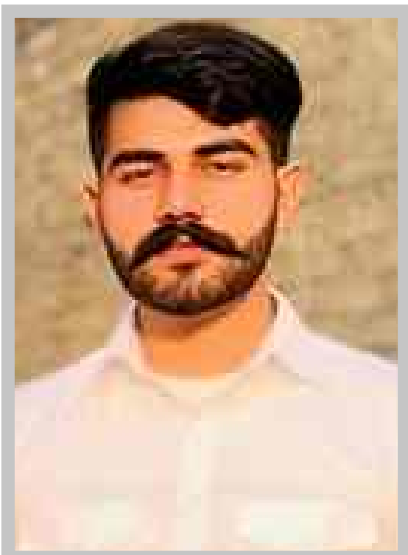
**Summer Internship Role** - Marketing trainee

**Research title** - A study of youth's intention to subscribe food services and challenges faced by selected service providers

Arshdeep Singh Chahal (23)

Mansa, Punjab

✉ [aschahal500@gmail.com](mailto:aschahal500@gmail.com)



**Phone number** - 9988237058

**LinkedIn ID** - <http://linkedin.com/in/arshdeep-singh-chahal-006406358>

**About** - With a strong foundation in agricultural sciences and business management, Arsh has gained practical experience through internships at Verka as a Marketing Intern and at MARKFED. Passionate about agribusiness and marketing, Arsh is eager to apply analytical and strategic skills to drive growth and innovation in the industry. Passionate about the agriculture sector, Arsh is keen to contribute innovative solutions to enhance market reach, farmer engagement, and agribusiness sustainability.

**Current Degree** - MBA (Agribusiness Management)

**Bachelor degree** – B.sc (Hons) Agriculture, Khalsa College, Amritsar

**Summer Internship Company** - Verka

**Summer Internship Role** – Marketing Intern

**Research title** - Consumption pattern and farmers' perception towards pesticides: A study of wheat crop in Ludhiana District

Devesh Jangid (24)

Behror, Rajasthan

✉ Deveshjangid11800035@gmail.com



**Phone number** - 7733990447

**LinkedIn ID** - <https://www.linkedin.com/in/devesh-jangid-943128356>

**About** - A highly motivated and dedicated individual with a strong sense of honesty and dedication. His passion for learning and problem solving skills drives him to take on challenges with a proactive approach. Devesh has hands-on experience as a Quality Control Manager at ITC Khordha Food Division and as a Production Manager at Samanch Mushroom Farm, developed practical industry knowledge and leadership skills. He is eager to contribute his skills and enthusiasm to a dynamic work environment.

**Current Degree** - MBA (Agribusiness Management)

**Bachelor degree** - B Sc. Hons (Agriculture) DAV university, Jalandhar, Punjab.

**Summer Internship Company** - ITC LIMITED

**Summer Internship Role** - Quality control assistant

**Research title** - Commercialization of seeds: Study of marketing practices and prospects of Punjab agricultural university, Ludhiana

Sneha Juyal (23)

Ludhiana, Punjab

✉ juyalsneha4@gmail.com



**Phone number** - 8591455457

**LinkedIn ID** - <https://www.linkedin.com/in/sneha-juyal-632b38268>

**About** - A dedicated and result-driven professional with a strong academic background in agribusiness and horticulture. She has keen interest in food trade and market trends, focusing on their impact on agribusiness. With proficiency in MS Office and AI tools, she excels in dynamic environments, using analytical and problem-solving skills to achieve impactful results. She is committed to continuous learning and aspires to contribute to the sustainable growth of the agribusiness sector through data-driven insights and market-oriented strategies.

**Current Degree** - MBA (Agribusiness Management)

**Bachelor degree** - B.Sc. (Hons.) Horticulture

**Summer Internship Company** - PUNJAB AGRI EXPORT CORPORATION LIMITED

**Summer Internship Role** - Summer intern

**Research title** - Trends in Production, Consumption and International Trade of Fruits and Vegetables in India

## Placement Brochure Crafted By



**ARYAN KASNIA**

MBA AGRIBUSINESS  
FINAL YEAR



**MADHAV BHARDWAJ**

MBA AGRIBUSINESS  
FINAL YEAR



# OUR GALLERY

We strive to provide future ready managers with the requisite vision, innovation, dedication, and knowledge. Shaped by the curricula, which is a blend of theory and practical and honed by experienced faculty, our graduates vie with those of premier management institutions.





**ENSURING FOOD SECURITY TO THE NATION**



**SCHOOL OF BUSINESS STUDIES  
PUNJAB AGRICULTURAL UNIVERSITY**

Ferozepur Road, Ludhiana, Punjab 141027

Email: [placementcell@pau.edu](mailto:placementcell@pau.edu)

Tel: 0161-2401960, Ext. 356

Webpage: [http://www.pau.edu/index.php?\\_act=manageLink&DO=firstLink&intSubID=49](http://www.pau.edu/index.php?_act=manageLink&DO=firstLink&intSubID=49)

## **Documents for family pension after the death of pensioner**



As per rules, at the time of death of any pensioner, family pensioner has to complete the following formalities to get the family pension :-

Application of family pensioner to be submitted to the Head of Department/DDO from where the pensioner was retired, alongwith following documents :--

1. Death certificate of the deceased pensioner;
2. Two Passport size photographs )
3. Two Identification slips (as per specimen enclosed) )
4. Two slips of specimen signatures( as per specimen enclosed ) of family pensioner
5. Non-employment Certificate (as per specimen enclosed) )
6. Non marriage certificate (as per specimen enclosed) )
7. Documentary proof of date of birth )  
In case, there is no proof of date )  
of birth, affidavit duly attested )  
by the Notary Public for the same )

### Non-Employment Certificate

It is certified that I am not employed in any govt./Semi govt./autonomous  
body or any organization

Countersigned. ( )  
( DDO)

### Non-Marriage Certificate

It is certified that I have not got married after death of my husband/wife.

( )  
Countersigned.  
( DDO)

## **Specimen Signature**

Specimen Signature of Smt. ----- W/O -----

1) \_\_\_\_\_

2) \_\_\_\_\_

Specimen Signature of Smt. ----- W/O -----

1) \_\_\_\_\_

2) \_\_\_\_\_

Countersigned.

( DDO)



### **Identification marks**

Identification marks of Smt. ----- W/O -----

1) Height

2) Identification Mark

( )

Countersigned.

( DDO)

Identification marks of Smt. ----- W/O -----

1) Height

2) Identification Mark

( )

Countersigned.

( DDO)

## **UNDERTAKING**

"I undertake that I or in the case of my death, my heirs will refund the amount of pension, adhoc increase, temporary increase/adhoc relief or any other kind of increase of pension/or any other benefits, if any, paid to me erroneously or in excess of that due to me."

Signature of applicant

From

The Comptroller  
Punjab Agricultural University

To

All Deans/Directors/Officers  
Punjab Agricultural University  
Ludhiana

Memo No.CAU-B(I)-2023/ 30-49  
Dated, Ludhiana, the: 11-4-2023

**Subject: Budget Estimates of the Punjab Agricultural University for the year 2023-24.**

The Board of Management in its 310<sup>th</sup> meeting held on 27.03.2023 vide item No. B-1 has approved the Budget Estimates of the Punjab Agricultural University, Ludhiana for the year 2023-24 amounting to **Rs.87958.58 lakhs** subject to the following conditions/restrictions approved by the Vice Chancellor :-

- i) The expenditure under primary units other than Pay & Allowances under the Research & Education Schemes is allowed as under :

Head(s)	Research & Education Schemes Nos.	Expenditure allowed upto*
Travelling Allowance & Wages	1 to 132 (except scheme no.78)	25%
Contingency (including Office, Recurring and Working)	1 to 79 80 to 132	25% 40%

**\*The cut may be restored during the financial year 2023-24 as per the requirement of Departments'/Offices'.**

- ii) The expenditure under sub head 'Non-Recurring Contingency' in the scheme no. **R&E-130** may be incurred on receipt of the funds from the State Government.
- iii) The expenditure under sub head 'Recurring Contingency' in the scheme no. **R&E-131** may be incurred on receipt of the funds from the State Government.
- iv) No expenditure under sub head Non-Recurring Contingencies in the State funded Research & Education/Self Financing/Revolving Fund Schemes is to be incurred except with the approval of the Vice Chancellor. No vehicle/photo copier/air conditioner/refrigerator/deep freezer/room heater/desert coolers/inverter/other electrical appliances and any kind of furniture be purchased under these schemes without the prior approval of the Vice-Chancellor.
- v) The expenditure under State funded Research & Education Schemes on engagement of DPLs should be restricted to the extent of budget allocation. No DPL should be engaged except for field/lab without the approval of the Vice Chancellor, failing which, the responsibility for payment to the concerned DPLs will lie with the DDO concerned and in that case, no additional funds will be provided.
- vi) The need-based expenditure in the State funded Research & Education Schemes under sub head 'Stipend/Scholarship/Fellowship' be incurred with the prior approval of the Vice Chancellor.

- vii) The expenditure regarding "Leave encashment and other benefits etc" funds for which are not provided by the ICAR in respect of the staff working in ICAR/KVK schemes, may be incurred out of the State funded scheme, University Administration, R&E-66 (Part-B Provision for Retiral Benefits etc., PC-1001.2). The expenditure in such cases may be debited in the Budget Register to be maintained by the Pay Branch of this office.
- viii) The posts under State Schemes which are lying vacant or which may fall vacant in future are to be filled up in the interest of research, teaching and extension activities with the prior approval of the Vice Chancellor. The posts proposed to be filled up must be within the strength approved by the Board of Management and a certificate to this effect should invariably be furnished containing requisite information asked for vide this office Memo No. CAU-B(IV)-01/ 25053-203 dated 5.12.2001. In case of externally funded projects, the cases of filling up the posts should be initiated six months before a vacancy may arise due to retirement of the incumbent.
- ix) It is the fundamental duty of the Drawing & Disbursing Officer to ensure the incurring of expenditure to the extent funds received from the funding agency during the current financial year, so that the current liability is not carried over to the next financial year when sufficient funds are available during the current financial year. It may further be ensured that there is no pendency of any arrear/contingency expenditure at the closure of financial year. Before issue of Audit Utilization Certificate, this aspect may be kept in view. It may further be ensured that the funds allocated are used in such a way that these last till the end of the financial year and committed liabilities are met as a first priority. The budget being schematic, it is not possible to meet the additional demand during the year. It is incumbent on the part of all the Drawing & Disbursing Officers (DDOs') to ensure that sanctioned funds are utilized by fixing priorities and adequate funds for meeting inevitable expenses may be kept in reserve. As such, no payment on 'on account basis' will be allowed if these instructions are not followed in letter and spirit.
- x) The Drawing & Disbursing Officer may ensure that advances drawn for any financial sanction, for which the funds are available, may be utilized within three months from the date of its drawn. All the advances drawn may be used by 28<sup>th</sup> February, 2024, to avoid the heavy workload of audit at the lag end of the financial year.
- xi) The financial sanction/receipt of funds in respect of some of the ICAR/KVK/CSS/Misc., NHM, Misc.(FC) schemes of continued nature during 2023-24 is likely to take some time. Therefore, no expenditure under such schemes may be incurred except on 'Pay & Allowances' in respect of which the commitment from the financing agencies for their continuation has been received. The expenditure on 'Pay & Allowances' under such cases will be made on 'On account basis' after obtaining the approval of the competent authority. The Principal Investigators/DDOs'/ Controlling Officers should pursue the matter with the financing agencies to get the sanction/funds released at the earliest. The Principal Investigators/ DDOs'/Controlling Officers should also pursue the matter with the financing agencies regarding revalidation of unspent funds pertaining to the previous year for its utilization during the first quarter of the current financial year 2023-24. In case the allocation under 'pay and allowances' sanctioned is less than the requirement, the Heads of Departments/Controlling Officers/DDOs/Principal Investigators/Principal Scientists should immediately take up the matter with the respective financing agencies for revising the same as per requirement. The expenditure should not exceed the amount sanctioned by the respective financing agencies.
- xii) Generally, the grants are not released by the external financing agencies particularly by the ICAR due to non-submission of Utilization Certificates/Audit Utilization Certificates (UCs'/AUCs'). It is, therefore, necessary that the **Utilization Certificates (UCs')** are submitted to the financing agencies strictly by **4<sup>th</sup> May, 2023** and **Audit Utilization Certificates (AUCs')** by **17<sup>th</sup> May, 2023** positively as per instructions already issued by this office vide Memo No. CAU-B(III)-2013/25049-25179 dated 20.3.2013.



- xiii) The Self-Financing Schemes have been included in the Budget Estimates out of 50% of the total anticipated income during 2023-24. The expenditure other than salary may be restricted upto 30% of the budget provision under sub-heads Recurring Contingency, Wages and other sub-heads. It may further be ensured by the Controlling Officers that total expenditure under these schemes does not exceed 35% of the anticipated/actual income in any case. Additional allocation, if any will be made after the detailed justification and approval of the same by the competent authority.
- xiv) The recurring expenditure other than sub head 'salary' under Revolving Fund Schemes may be restricted upto 50% of the budget provision.
- xv) The purchase formalities to utilize the budget allocation under Non-Recurring Contingencies in externally funded schemes such as ICAR, CSS, UGC and Misc. (NHM, Misc. (FC), etc.) should be well planned during the financial year and no financial sanction will be accorded after January, 2024 except in cases in which justification so warrants or where the funds are received from the financing agency after December, 2023.
- xvi) The bills should be got passed from the Audit preferably by 20<sup>th</sup> March, 2024.
- xvii) Funds for the purchase and supply of liveries have been placed at the disposal of the Admn.-cum-Accounts Officer (SPO). The Drawing & Disbursing Officers are therefore requested to send indents to the Admn.-cum-Accounts Officer (SPO) well in time for the procurement of liveries in respect of the employees to whom the liveries are due to be issued.
- xviii) While making correspondence with this office regarding budget, full name of the scheme, number and project code invariably be mentioned to facilitate proper maintenance of accounts.
- xix) Economy in expenditure may be made in all schemes and there should be no wasteful expenditure. Prior permission of the Vice Chancellor for journey by air is essential under R&E/Self Financing/Revolving Fund Schemes. However, no journey shall be allowed by air in 1<sup>st</sup> class (Executive Class) either within the country or abroad. However, permission to travel by air on tour to the Teachers/Scientists may be granted by their respective Controlling Officers out of externally funded schemes where funds are specifically provided/ available. No hotel suite expenses within the country or outside will be allowed. Only single room may be used as per entitlement of the employee. Wastage of stationary should be avoided. Fans/Coolers/ACs/Computers etc. should be immediately switched off when not in use. Use of petrol/diesel should be optimised. E-mail facility be utilized instead of unnecessary paper correspondence. It is important to take all the necessary steps to generate more income and to avoid unnecessary expenditure. The income to be earned from Research & Education schemes is to be deposited in the University account as University income under the different income heads mentioned in the performa prepared and sent by the Accounts Branch of this office. The performa can also be downloaded from university website under the heading "Important Downloads".

The above mentioned conditions/restrictions may please be observed in letter and spirit.

Encl: A copy of Budget Estimates for 2023-24

  
Comptroller  
Punjab Agricultural University

Endst. No. CAU-B(I)-2023/ 50-149

Dated, Ludhiana, the: 11-4-2023

A copy is forwarded to:-

1. Secretary to Vice-Chancellor, PAU, Ludhiana.
2. Deputy Controller (LA), PAU, Ludhiana for information and necessary action. One copy of Budget Estimates for 2023-24 is enclosed.
3. Incharge (Internal Audit) PAU, Ludhiana for information and necessary action. copies of Budget Estimates for 2023-24 are enclosed.
4. All Heads of Departments/Drawing & Disbursing Officers, PAU, Ludhiana and Directors/ Associate Directors, Regional Stations/KVKs for information and necessary action. A copy of details of Budget Estimates for 2023-24 of the schemes pertaining to their offices is enclosed.
5. Assistant Accounts Officers (A/cs), o/o CAU is directed to maintain a budget register in respect of Scheme Misc. 9 for booking the expenditure under sub-head 'Contingency'.
6. Accounts Officer/AAO(SPO)/Superintendent(Pay)/AAO (Funds)/ AAO(I&IA)/ PA to Comptroller, PAU.

 11/4/23

Comptroller  
Punjab Agricultural University

Encls: As above

CC:- All Senior Assistants (in Budget Branch)

<b>PUNJAB AGRICULTURAL UNIVERSITY</b> <b>BUDGET ESTIMATES 2023-24</b> <b>(At a Glance)</b>					
<b>SUMMARY SHOWING ESTIMATED RECEIPTS AND EXPENDITURE OF THE PUNJAB</b> <b>AGRICULTURAL UNIVERSITY FOR 2023-24</b>					
Amount in lakh					
Sr. No.	Schemes	Total Schemes	RECEIPTS	EXPENDITURE	% of (Total Budget)
<b>1</b>	<b>State Schemes</b>				
	Research and Education Schemes	<b>132</b>	<b>54703.97</b>	<b>70287.97</b>	<b>79.91%</b>
<b>2</b>	<b>Indian Council of Agricultural Research (ICAR)</b>				
a)	All India Coordinated Research Projects	43	6586.95	6586.95	<b>7.49%</b>
b)	Krishi Vigyan Kendras (KVKs)	18	4269.82	4269.82	<b>4.85%</b>
c)	Assistance for Development Programme	1	885.00	885.00	<b>1.01%</b>
d)	Adhoc Competetive & Teaching Projects	8	64.73	64.73	<b>0.07%</b>
	<b>Sub-Total</b>	<b>70</b>	<b>11806.50</b>	<b>11806.50</b>	<b>13.42%</b>
<b>3</b>	<b>Centrally Sponsored Schemes</b>	<b>52</b>	<b>1965.25</b>	<b>1965.25</b>	<b>2.23%</b>
<b>4</b>	<b>Other Schemes</b>				
a)	National Horticulture Mission (NHM) Schemes	2	12.00	12.00	<b>0.01%</b>
b)	Miscllaneous Schemes (Mostly by Private Sector)	71	2815.91	2815.91	<b>3.20%</b>
c)	Miscllaneous (Foreign) Schemes	8	98.15	98.15	<b>0.11%</b>
	<b>Sub-Total</b>	<b>81</b>	<b>2926.06</b>	<b>2926.06</b>	<b>3.33%</b>
<b>5</b>	<b>Anticipated University Income from various sources during 2023-24</b>		<b>8449.04</b>		
<b>6</b>	<b>Income Schemes (Revolving Fund/Self Financing)</b>	<b>22</b>	<b>1492.25</b>	<b>972.80</b>	<b>1.11%</b>
<b>7</b>	<b>TOTAL DEFICIT</b>		<b>6615.51</b>		
<b>GRAND TOTAL (1+2+3+4+5+6+7+8)</b>		<b>357</b>	<b>87958.58</b>	<b>87958.58</b>	

(A)

<b>BUDGET ESTIMATES 2023-24 (Scheme wise)</b>						
	<b>in comparison with the previous year 2022-23 &amp; Actual Accounts of 2021-22</b> (Amount in Lakh)					
<b>Sr. No.</b>	<b>Schemes</b>	<b>* Actual Accounts 2021-22</b>	<b>Budget Estimate 2022-23 &amp; No. of Schemes</b>		<b>Budget Estimate 2023-24 &amp; No. of Schemes</b>	
1	<b>State Schemes</b> Research and Education Schemes	44320.7	70240.88	130	70287.97	132
	<b>RKVY Schemes</b>	1329.10				
2	<b>ICAR Schemes</b> {including AICRP/KVK/Central Assistance/Competitive (Adhoc) & Teaching Projects}	8797.25	11831.68	69	11806.50	70
3	<b>Centrally Sponsored Schemes</b>	1637.94	1364.46	48	1965.25	52
4	<b>Other Schemes</b> {National Horticultural Mission, Miscellaneous Schemes (Private Sector)/ Miscellaneous (Foreign) Schemes etc.}	2589.37	2575.50	66	2926.06	81
5	<b>Self Financing Schemes</b>	251.47	587.36	5	651.78	5
6	<b>Revolving Fund Schemes</b>	189.08	319.64	16	321.02	17
	<b>TOTAL</b>	<b>59114.91</b>	<b>86919.52</b>	<b>334</b>	<b>87958.58</b>	<b>357</b>

\* Unaudited Accounts

(B)



PRIMARY UNIT-WISE PROVISION OF THE BUDGET ESTIMATES FOR 2023-24					
(Amount in lakh)					
Sr. No	Category of scheme	Salaries & Allowance	Travelling Allowance	Contingencies Wages & Stipend	Total
1	<b>State Schemes</b>				
	Research and Education Schemes	63036.03	62.23	7189.71	70287.97
		89.68%	0.09%	10.23%	
2	<b>ICAR Schemes</b>				
a)	All India Coordinated Research Projects	6319.90	33.30	233.75	6586.95
b)	Krishi Vigyan Kendras (KVKs)	3963.82	25.20	280.80	4269.82
c)	Assistance for Development Programme	0	0	885.00	885.00
d)	Competitive (Adhoc) & Teaching Projects	0	2.35	62.38	64.73
	<b>Sub Total</b>	10283.72	60.85	1461.93	11806.50
		87.10%	0.52%	12.38%	
3	<b>Centrally Sponsored Schemes</b>	721.83	22.21	1221.21	1965.25
		36.73%	1.13%	62.14%	
4	<b>Other Schemes</b>				
a)	National Horticulture Mission (NHM) Schemes	0.00	1.00	11.00	12.00
b)	Miscllaneous Schemes (Mostly by Private Sector)	872.53	58.12	1885.26	2815.91
c)	Miscllaneous (Foreign) Schemes	51.89	0.34	45.92	98.15
	<b>Sub Total</b>	924.42	59.46	1942.18	2926.06
		31.59%	2.03%	66.38%	
5	<b>Self Financing Schemes</b>	268.75	10.93	372.1	651.78
		41.23%	1.68%	57.09%	
6	<b>Revolving Fund Schemes</b>	154.52	2.40	164.10	321.02
		48.13%	0.75%	51.12%	
	<b>Total Expenditure</b>	75389.27	218.08	12351.23	87958.58
	<b>Overall (%)</b>	85.71%	0.25%	14.04%	

(C)

BREAK UP OF BUDGET ESTIMATES FOR 2023-24							
(Amount in lakh)							
Sr. No	Schemes	No. of Schemes	Research	Teaching	Extension	General Administration & others	Total
1	<b>State Schemes</b>						
	Research and Education Schemes	132	34094.85	19880.38	7359.26	8953.48	70287.97
			48.51%	28.28%	10.47%	12.74%	
2	<b>ICAR Schemes</b>						
a)	All India Coordinated Research	43	6586.95	0	0	0	6586.95
b)	Krishi Vigyan Kendras (KVKs)	18	0	0	4269.82	0	4269.82
c)	Assistance for Development	1	0	885.00	0	0	885.00
d)	Competitive (Adhoc) & Teaching	8	64.73	0.00	0	0	64.73
	<b>Sub Total</b>	<b>70</b>	<b>6651.68</b>	<b>885.00</b>	<b>4269.82</b>	<b>0</b>	<b>11806.50</b>
			56.34%	7.50%	36.16%		
3	<b>Centrally Sponsored Schemes</b>	<b>52</b>	<b>1847.43</b>	<b>69.55</b>	<b>48.27</b>		<b>1965.25</b>
			94.00%	3.54%	2.46%		
4	<b>Other Schemes</b>						
a)	National Horticulture Mission (NHM) Schemes	2	0.00	0.00	12.00	0	12.00
b)	Miscellaneous Schemes (Mostly by Private Sector)	71	2771.83	22.53	21.55	0	2815.91
c)	Miscellaneous (Foreign) Schemes	8	98.15	0	0	0	98.15
	<b>Sub Total</b>	<b>81</b>	<b>2869.98</b>	<b>22.53</b>	<b>33.55</b>	<b>0.00</b>	<b>2926.06</b>
			98.08%	0.77%	1.15%		
5	<b>Self Financing Schemes</b>	<b>5</b>		<b>651.78</b>			<b>651.78</b>
				100.00%			
6	<b>Revolving Fund Schemes</b>	<b>17</b>	<b>283.17</b>	<b>22.85</b>	<b>15.00</b>	<b>0</b>	<b>321.02</b>
			88.21%	7.12%	4.67%		
	<b>Total Expenditure</b>	<b>357</b>	<b>45747.11</b>	<b>21532.09</b>	<b>11725.90</b>	<b>8953.48</b>	<b>87958.58</b>
	<b>Overall (%)</b>		<b>52.01%</b>	<b>24.48%</b>	<b>13.33%</b>	<b>10.18%</b>	

BUDGET PROVISION FOR:-	
RESEARCH	52.01%
TEACHING	24.48%
EXTENSION	13.33%
GENERAL ADMINISTRATION & OTHERS	10.18%

(D)

UNIVERSITY INCOME LIKELY TO BE EARNED FROM VARIOUS SOURCES DURING THE YEAR 2023-24	
Sources	Anticipated Income
	(Rs. in lakh)
Tuition Fee (including NRI Tuition Fee)	2613.75
Sale of Seeds	3275.28
Sale of Fruits & Vegetables	172.08
Sale of Plants/Plant Products	309.57
Kisan Melas	314.60
Books and Publications	101.47
Soil and Water Testing Fee	51.39
Rent Shops/Buildings	234.60
Misc. Income from other sources (Application Fee, Library Fee, Sports Fee, Training Fee, Day Care Centre & Examination Fee etc.)	1376.30
<b>Total</b>	<b>8449.04</b>

(E)



**Detail of posts in Budget Estimates for the year 2023-24**

**TEACHING**

<b>Scheme</b>	<b>Budgeted</b>	<b>In position</b>	<b>Vacant</b>
State Schemes	1062	524	538 <b>50.66%</b>
ICAR	277	261	16 5.78%
Other Schemes	22	19	3 13.64%
<b>Total Overall</b>	<b>1361</b>	<b>804</b>	557 <b>40.93%</b>

**NON-TEACHING**

<b>Scheme</b>	<b>Budgeted</b>	<b>In position</b>	<b>Vacant</b>
State Schemes	3723	1304	2419 <b>64.97%</b>
ICAR	364	312	52 14.29%
Misc.	64	26	38 59.38%
<b>Total Overall</b>	<b>4151</b>	<b>1642</b>	2509 <b>60.44%</b>

(F)

Index of Research & Education Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimates	Page No.
1	1022.1	Establishment of Dean Postgraduate Studies, R&E-1	Dean Postgraduate Studies	1,88,15,700	1-2
2	1023.1	Establishment of Dean, College of Agriculture, R&E-2	College of Agriculture	6,63,08,100	3-5
3	1024.1	Agricultural Nanotechnology, R&E-3	Department of Soil Science	1,58,44,000	6
4	1025.1-1025.3	Establishment of Department of Plant Breeding & Genetics, R&E-4	Department of Plant Breeding & Genetics	5,11,10,700	7-9
5	1037.1-1037.3	Establishment of Department of Entomology, R&E-5	Department of Entomology	11,67,99,700	10-13
6	1038.1-1038.3	Establishment of Department of Agronomy, R&E-6	Department of Agronomy	12,75,06,300	14-17
7	1039.1-1039.2	Establishment of Department of Climate Change and Agricultural Meteorology, R&E-7	Department of Climate Change & Agricultural Meteorology	3,04,48,000	18-19
8	1040.1-1040.3	Establishment of Department of Extension Education, R&E-8	Department of Extension Education	4,76,87,000	20-22
9	1041.1-1041.3	Establishment of Department of Plant Pathology, R&E-9	Department of Plant Pathology	7,60,42,500	23-26
10	1042.1-1042.2	Establishment of Department of Forestry & Natural Resources, R&E-10	Department of Forestry & Natural Resources	4,17,00,300	27-29
11	1043.1-1043.3	Establishment of Department of Food Science & Technology, R&E-11	Department of Food Science & Technology	6,51,48,600	30-33
12	1044.1-1044.3	Establishment of Department of Floriculture & Landscaping, R&E-12	Department of Floriculture & Landscaping	1,96,83,000	34-35
13	1058.1-1058.3	Establishment of College of Agricultural Engineering & Technology, R&E-13	College of Agricultural Engineering & Technology	5,39,85,600	36-39
14	1059.1	Establishment of Department of Civil Engineering, R&E-14	Department of Civil Engineering	2,37,19,100	40-41
15	1060.1	Establishment of Department of Mechanical Engineering, R&E-15	Department of Mechanical Engineering	3,73,37,400	42-43
16	1061.1	Establishment of Department of Electrical Engineering & Information Technology, R&E-16	Department of Electrical Engineering & Information Technology	3,64,17,400	44-45
17	1062.1-1062.3	Establishment of Department of Farm Machinery & Power Engineering, R&E-17	Department of Farm Machinery & Power Engineering	7,35,39,000	46-49
18	1063.1-1063.3	Establishment of Department of Processing & Food Engineering, R&E-18	Department of Processing & Food Engineering	4,84,65,600	50-53
19	1064.2	Establishment of Department of Energy Studies for Agriculture, R&E-19	Department of Renewable Energy Engineering	2,13,47,600	54-55
20	1065.1-1065.3	Establishment of Department of Soil & Water Engineering, R&E-20	Department of Soil & Water Engineering	5,05,27,400	56-58
21	1048.1	Establishment of College of Basic Science & Humanities, R&E-21	College of Basic Sciences & Humanities	3,33,68,200	59-60

Index of Research & Education Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimates	Page No.
22	1049.1-1049.2	Establishment of Department of Biochemistry, R&E-22	Department of Biochemistry	4,72,22,700	61-63
23	1050.1-1050.2	Establishment of Department of Botany, R&E-23	Department of Botany	3,77,27,300	64-66
24	1051.1-1051.2	Establishment of Department of Chemistry, R&E-24	Department of Chemistry	2,90,13,100	67-68
25	1052.1-1052.2.3	Establishment of Department of Microbiology, R&E-25	Department of Microbiology	4,32,78,100	69-72
26	1053.1	Establishment of Department of Agricultural Jlsn., Langs. & Culture, R&E-26	Department of Agricultural Journalism Language & Culture	3,09,16,400	73-74
27	1054.1-1054.3	Establishment of Department of Economics & Sociology, R&E-27	Department of Economics & Sociology	6,28,98,300	75-78
28	1055.1-1055.2	Establishment of Department of Mathematics Statistics & Physics, R&E-28	Department of Mathematics Statistics & Physics	4,44,61,500	79-80
29	1056.1-1056.2	Establishment of Department of Zoology, R&E-29	Department of Zoology	2,38,15,600	81-82
30	1057.1-1057.2	Establishment of Department of Business Management, R&E-30	School of Business Studies	3,93,47,500	83-84
31	1066.1-1066.3	Establishment of College of Home Science, R&E-31	College of Community Science	18,11,38,000	85-89
32	1069.1	PAU Model High School, Kaoni, R&E-32	PAU Model High School, Kaoni	1,17,03,200	90
33	1072.2	i) State share in All India Coord. Research Projects and other schemes on sharing basis. ii) State share on account of personal	Comptroller PAU	16,50,00,000	91
34	1007.2	Establishment of Directorate of Research, R&E-34	Director of Research	6,50,59,700	92-93
35	1008.2	Research on Seed Production and safe storage of vegetable seeds, R&E-35	Director (Seeds)	1,74,51,700	94-95
36	1009.2	Development and Management at Agricultural farms, R&E-36	Director (Farm)	3,14,57,100	96-97
37	1010.2	Application of Biotechnology in crop improvements, R&E-37	School of Agricultural Biotechnology	4,87,37,100	98-99
38	1011.3	Establishment of Directorate of Extension Education, R&E-38	Director Extension Education	3,27,03,400	100-101
39	1012.3	Farm Advisory Service Scheme, R&E-39	Director Extension Education	5,32,27,600	102-103
40	1013.3	Vocational Agricultural Training School at Gurdaspur, R&E-40	KVK Gurdaspur	0	104-105
41	1014.3	Centre for Training in-service Extension Personnels Farmers & Farm-women at Kairon Kisan Ghar, R&E-41	Director Extension Education	3,55,85,000	106-108
42	1083.1	Establishment of College of Horticulture & Forestry, R&E-42	College Of Horticulture & Forestry	2,09,31,500	109-110



Index of Research & Education Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimates	Page No.
43	1026.2	Improvement of Forage Crops Deptt. of Plant Breeding & Genetics, R&E-43	Department of Plant Breeding & Genetics	3,35,01,800	111-112
44	1027.2	Quality breeding in cereals and pulses, R&E-44	Department of Plant Breeding & Genetics	1,33,84,500	113
45	1028.2	Facilities for off-season growing of breeding material of various crops in Lahual valley and southern India, R&E-45	Department of Plant Breeding & Genetics	1,09,59,500	114
46	1029.2	Breeding maize for high yield & stress tolerance for cultivation in different seasons, R&E-46	Department of Plant Breeding & Genetics	1,22,74,800	115
47	1030.2	Breeding pulse crop for high yield quality and stability of performance, R&E-47	Department of Plant Breeding & Genetics	1,65,67,400	116
48	1031.2	Breeding sugarcane for yield quality and resistance to diseases, R&E-48	Regional Station Kapurthala	2,57,81,500	117-118
49	1032.2	Genetics of resistance to insect pests and diseases and identification of genes in crop Plants, R&E-49	Department of Plant Breeding & Genetics	3,34,74,300	119-120
50	1033.2-1033.3	Breeding cotton for productivity fibre quality and stability of performance, R&E-50	Department of Plant Breeding & Genetics	2,19,32,500	121-122
51	1034.2	Breeding rice (Basmati and non-basmati) for high yield quality and stability of performance, R&E-51	Department of Plant Breeding & Genetics	3,90,89,600	123-124
52	1035.2	Breeding bread & durum wheat for high yield quality and resistance to diseases in different agro-climates, R&E-52	Department of Plant Breeding & Genetics	4,32,50,900	125-126
53	1036.2-1036.3	Breeding oilseeds for productivity quality and stability of performance, R&E-53	Department of Plant Breeding & Genetics	1,57,23,600	127-128
54	1045.1-1045.3	Establishment of Department of Soil Science, R&E-54	Department of Soil Science	13,41,54,700	129-133
55	1046.1-1046.3	Establishment of Department of Vegetable Science, R&E-55	Department of Vegetable Science	8,18,60,200	134-136
56	1047.1-1047.3	Establishment of Department of Fruit Science R&E-56	Department of Fruit Science	10,06,59,600	137-140
57	1067.2	Establishment of Regional Research Station Abohar, R&E-57	Regional Station Abohar	4,28,85,600	141-142
58	1068.2	Establishment of Regional Station Bathinda R&E-58	Regional Station Bathinda	8,99,38,200	143-145
59	1070.2	Establishment of Regional Station BallawalSaunkhri, R&E-59	Regional Station Ballawal Saunkhri	2,98,24,000	146-149
60	1082.2	Establishment of Vegetable Research Farm Khanaura (Hoshiarpur). R&E-60	Department of Vegetable Science	50,92,200	150
61	1073.2	Establishment of Regional Station Gurdaspur, R&E-61	Regional Station Gurdaspur	5,70,65,700	151-153
62	1074.2	Establishment of Regional Station Faridkot, R&E-62	Regional Station Faridkot	4,36,56,400	154-155
63	1075.1	Institute of Agriculture at Gurdaspur, R&E-63	Institute of Agriculture Gurdaspur	1,74,90,000	156-157

Index of Research & Education Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimates	Page No.
64	1078.1	Establishment of Institute of Agriculture at Regional Research Station Bathinda, R&E-64	Regional Station Bathinda	37,63,400	158
65	3096	Establishment of School of Organic Farming. R&E-65	School of Organic Farming	2,00,27,000	159-160
66	1001	University Administration, R&E-66.A	Comptroller PAU	23,64,55,100	161-166
	1001.1	Provision for retiral benefits etc. R&E-66.B	Comptroller PAU	269,90,00,000	167
67	1002	Establishment of Estate Organization and Engineering Unit, R&E-67	Estate Office	15,61,84,000	168-172
68	1004.1-1004.2	Construction and Maintenance of buildings/ residential quarters at PAU Campus/ Outstations, R&E-68	Estate Office	10,52,10,300	173-175
69	1005	Establishment of Landscape Section, R&E-69	Estate Office	3,66,43,500	176-177
70	1006	Maintenance of Local Area Network and PAU Website, R&E-70	Department of Electrical Engineering & Information Technology	10,35,000	178
71	1018.1	Expansion and Improvement of Library services at M. S. Randhawa Library, R&E-71	University Library	5,92,91,500	179-180
72	1019.1	Expansion & Improvement of Library Services at PAU Outstations, R&E-72	University Library	2,20,000	181
73	1020.1	National Sports Organisation & Cultural Activities, R&E-73	Director Students' Welfare	6,18,08,500	182-183
74	1021	Strengthening of Students' Welfare Activities and Development of Hostel Affairs, R&E-74	Director Students' Welfare	4,02,89,100	184-185
75	1076.2	Establishment of University Workshop, R&E-75	Department of Farm Machinery & Power Engineering	32,59,200	186-188
76	1016.3	Establishment of Communication Centre, R&E-76	Additional Director Communication	4,08,99,900	189-191
77	1017.3	University Press, R&E-77	Additional Director Communication	40,34,900	192-193
78	1084	Strengthening of Agricultural Research, R&E-78	Director of Research	1,55,00,000	194
79	1088	Establishment of Gurdev Singh Khush Institute of Genetics, Plant Breeding and Biotechnology, R&E-79	School of Agricultural Biotechnology	14,00,000	195
80	3041	Fruit Plant Nursery, R&E-80	Department of Fruit Science	95,82,700	196
81	3045	Testing of soil water Plant and other biological material, R&E-81	Department of Soil Science	10,00,000	197
82	3046	Bee Keeping, R&E-82	Department of Entomology	1,00,000	198
83	3047	Strengthening of mushroom production bio-fertilizers & food /water/milk evaluation facilities, R&E-83	Department of Microbiology	27,89,000	199

Index of Research & Education Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimates	Page No.
84	3048	Food Processing. R&E-84	Department of Food Science & Technology	2,75,000	200
85	3049	Development & evaluation of Farm Machinery. R&E-85	Department of Farm Machinery & Power Engineering	24,00,000	201
86	3050	Regional Research Station for Kandi Area BallawalSaunkhri, R&E-86	Regional Station Ballawal Saunkhri	14,80,000	202
87	3051	Regional Research Station Gurdaspur, R&E-87	Regional Station Gurdaspur	1,08,83,800	203-204
88	3052	Raja Harinder Singh Seed Farm Faridkot, R&E-88	Regional Station Faridkot	6,23,20,500	205-206
89	3053	Regional Research Station Bathinda. R&E-89	Regional Station Bathinda	85,68,000	207-208
90	3054	Regional Research Station Abohar. R&E-90	Regional Station Abohar	57,24,500	209
91	3055	University Seed Farm Naraingarh, R&E-91	USF Naraingarh	4,20,00,700	210-211
92	3056	University Seed Farm Nabha, R&E-92	USF Nabha	5,04,84,500	212-213
93	3057	University Seed Farm Kapurthala. R&E-93	Regional Station Kapurthala	2,04,35,100	214-215
94	3058	University Seed Farm Ladhowal. Seed Production of Field Crops & Vegetable Crops. R&E-94	USF Ladhowal	7,55,16,700	216-217
95	3059	Fruit Plant Nursery and Orchard Management. R&E-95	FRS Gangian	1,45,17,100	218-219
96	3060	Fruit Plant Nursery & Orchard Management Regional Research Station Bahadurgarh (Patiala). R&E-96	Regional Station Bahadurgarh	1,33,35,800	220-221
97	3061	Strengthening of Seed Production Programme at RRS Kheri. R&E-97	Regional Station Kheri	57,47,000	222
98	3062	Management of Revolving Fund Seed Farms through Central Unit at Ludhiana. R&E-98	Director (Seeds)	93,63,400	223
99	3063	Seed production of improved varieties/hybrids of cotton pulses and sugarcane. R&E-99	Regional Station Faridkot	12,80,000	224
100	3042	Nursery production of forest trees medicinal aromatic and spice crops, R&E-100	School of Organic Farming	19,62,800	225
101	3001	Development of Ornamental Plants Nursery. R&E-101	Estate Office	16,50,000	226
102	3002	Nursery Classes in Child Development. R&E-102	Human Development & Family Studies	4,60,000	227
103	3003	Conduct of Entrance Examination for various academic programmes, R&E-103	Controller of Examination	1,06,10,000	228
104	3005	Punjab Agricultural University Publications. R&E-104	Additional Director Communication	1,33,10,000	229

Index of Research & Education Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimates	Page No.
105	3006	Social History Museum Fund Scheme. R&E-105	Additional Director Communication	1,10,000	230
106	3020	Writing of Manuals, Text Books & other relevant instructional material for students. R&E-106	College of Basic Sciences & Humanities	2,20,000	231
107	3008	Seed Production in field crops, R&E-107	Regional Station Abohar	29,10,000	232
108	3010	Seed Production at Krishi Vigyan Kendra Gurdaspur R&E-108	KVK Gurdaspur	13,00,000	233
109	3011	Seed Production at KVK Ferozpur. R&E-109	KVK Ferozpur	17,60,000	234
110	3012	Seed Production at KVK Kapurthala. R&E-110	KVK Kapurthala	17,60,000	235
111	3013	Seed Production at KVK Bathinda. R&E-111	KVK Bathinda	11,00,000	236
112	3014	Seed Production at KVK Rauni (Patiala). R&E-112	KVK Rauni	20,00,000	237
113	3015	Seed Production at KVK Bahawal (Hoshiarpur) R&E-113	KVK Bahawal	11,00,000	238
114	3016	Seed Production at KVK Langroya. (Shaheed Bhagat Singh Nagar). R&E-114	KVK Langroya	20,00,000	239
115	3017	Seed Production at KVK Kheri (Sangrur). R&E-115	KVK Kheri (Sangrur)	18,00,000	240
116	3018	Seed Production at KVK Faridkot. R&E-116	KVK Faridkot	8,15,300	241
117	3025	Seed Production at KVK Ropar. R&E-117	KVK Ropar	11,00,000	242
118	3026	Seed Production at KVK Fatehgarh Sahib. R&E-118	KVK Fatehgarh Sahib	8,80,000	243
119	3027	Seed Production at KVK Goneana (Mukatsar). R&E-119	KVK Goneana	34,50,000	244
120	3028	Seed Production at KVK Naag Kalan (Amritsar). R&E-120	KVK Naag Kalan	6,00,000	245
121	3029	Seed Production at KVK Budh Singh Wala (Moga) R&E-121	KVK Budhsinghwala (Moga)	12,00,000	246
122	3030	Seed Production Programme at KVK Samrala. R&E-122	KVK Samrala	17,60,000	247
123	3033	Seed Production at KVK Uppal Jagir Nurmahal Jalandhar, R&E-123	KVK Nurmahal	17,60,000	248
124	3034	Seed Production at KVK Khokhar Khurd Mansa. R&E-124	KVK Khokhar Khurd Mansa	8,80,000	249
125	3035	High resolution imaging and analysis in EMN Lab. R&E-125	Department of Soil Science	3,00,000	250



<b>Index of Research &amp; Education Schemes</b>					
<b>Sr. No</b>	<b>Project Code</b>	<b>Name Of the Scheme</b>	<b>Department Name</b>	<b>Budget Estimates</b>	<b>Page No.</b>
126	3092	Production and distribution of Bio agents for control of various Plant diseases. R&E-126	Department of Plant Pathology	50,000	251
127	3093	Organization of KisanMelas at PAU Campus & Outstations, R&E-127	Director Extension Education	1,30,00,000	252
128	3095	Establishment of Floriculture Research Farm. R&E-128	Department of Floriculture & Landscaping	6,60,000	253
129	1085	Agricultural Marketing Innovation Research & Intelligence Centre with PAU, R&E-129	Department of Economics & Sociology	1,72,30,400	254-255
130	1086	Establishment of New College of Agriculture at Ballawal Saunkhri (PAU), SBS Nagar. R&E-130	Regional Station Ballawal Saunkhri	13,93,40,000	256
131	1087	Agricultural Marketing Innovation Research & Intelligence Centre with PAU (Non Salary), R&E-131	Department of Economics & Sociology	3,20,00,000	257
132	3043	Tissue Culture Propagated Nursery School of Agricultural Biotechnology, R&E-132	School of Agricultural Biotechnology	8,50,300	258
			<b>Grand Total</b>	<b>702,87,97,000</b>	

Indian Council of Agricultural Research 100% Development grant project and Teaching Schemes					
<b>Adhoc Projects:</b>					
<b>Sr. No</b>	<b>Project</b>	<b>Name Of the Scheme (Adhoc project</b>	<b>Department Name</b>	<b>Budget</b>	<b>Page No.</b>
1	-	Development and Strengthening of Agricultural Universities, ICAR-1 (Part-A & B) (PC-2001.1 &2001.2)	Dean Postgraduate Studies	8,85,00,000	259-260
			<b>TOTAL</b>	<b>8,85,00,000</b>	

**Index of Indian Council of Agricultural Research (ICAR) Schemes**

<b>Sr. No</b>	<b>Project Code</b>	<b>Name Of the Scheme</b>	<b>Department Name</b>	<b>Budget Estimate</b>	<b>Page No.</b>
1	2002	All India Coord. Wheat Improvement Project ICAR-2	Department of Plant Breeding & Genetics	2,20,91,000	261
2	2003	All India Coord. Pearl Millet Improvement Project ICAR-3	Department of Plant Breeding & Genetics	42,40,000	262
3	2004	All India Coord. Maize Improvement Project ICAR-4	Department of Plant Breeding & Genetics	3,04,40,000	263
4	2005	AICRP on Oilseed Res. Center for Groundnut (Redeployed For Repeseed Mustard) Ludhiana ICAR-5	Department of Plant Breeding & Genetics	2,76,79,000	264
5	2006.1 to 2006.2	All India Coord. Cotton Improvement Project ICAR-6 Part A (Bathinda Centre) Part B (Faridkot Centre)	Regional Station Bathinda, Regional Station Faridkot	2,87,58,000	265-266
6	2007	AICRP f or the intensification of Res on Improvement of Pulses (Chickpea), ICAR-7	Department of Plant Breeding & Genetics	1,82,60,000	267
7	2008	AICRP on Mullarp ICAR-8	Department of Plant Breeding & Genetics	1,17,53,000	268
8	2009	AICRP on Soybean ICAR-9	Department of Plant Breeding & Genetics	91,14,000	269
9	2010	AICRP on Forage Crops ICAR-10	Department of Plant Breeding & Genetics	1,50,44,000	270
10	2011	AICRP Network on Potential Crops, ICAR-11	Department of Plant Breeding & Genetics	44,94,000	271
11	2012	AICRP on Sunflower ICAR-12	Department of Plant Breeding & Genetics	73,80,000	272
12	2013	AICRP on Sugarcane ICAR-13	Regional Station Kapurthala	85,80,000	273
13	2014	AICRP on Sugarcane – Gurdaspur Centre ICAR-14	Regional Station Gurdaspur	79,11,000	274
14	2015	All India Coord. Rice Impr. Project, ICAR-15	Department of Plant Breeding & Genetics	2,28,40,000	275
15	2016	AICRP on Pigeonpea ICAR-16	Department of Plant Breeding & Genetics	62,85,000	276
16	2017.1 to 2017.2	Breeder Seed Production under National Seed Project Ludhiana/Naraingarh Centre, ICAR-17	Director (Seeds)	1,73,14,000	277
17	2018	Seed Technology Research under National Seed Project, ICAR-18	Department of Plant Breeding & Genetics	2,19,70,000	278
18	2020	AICRP on Micronutrients & Secondary Nutrients & Pollutant elements in Soils & Plants, ICAR-19	Department of Soil Science	68,69,000	279
19	2021	AICRP on Long Term Fertilizer Experiments, ICAR-20	Department of Soil Science	60,33,000	280
20	2022	Coordinated scheme for investigation on correlation of soil test with crop responses and self-employed rural soil health care workers programme ICAR-21	Department of Soil Science	1,07,03,000	281
21	2027	All India Coord Res Project on Dryland Agriculture, ICAR-22	Regional Station Ballawal Saunkhri	1,84,01,000	282
22	2029	All India Coordinated Research Project on Arid fruits (Dates) – Abohar Centre , ICAR-23	Regional Station Abohar	53,23,000	283
23	2266	All India Coordinated Research Project on fruits, ICAR-24 (Ludhiana & Abohar Centre)	Department of Fruit Science	2,33,18,000	284-285
24	2033	All India Coordinated Floriculture Improvement Project, ICAR-25	Department of Floriculture & Landscaping	1,10,49,000	286
25	2034	All India Coordinated Vegetable Improvement Project and NSP, ICAR-26	Department of Vegetable Science	2,63,40,000	287
26	2035	All India Coordinated Research Programme on weed Mgt, ICAR-27	Department of Agronomy	64,92,000	288
27	2036	AICRP – Integrated Farming System Approach, ICAR-28	School of Organic Farming	1,71,87,000	289

Index of Indian Council of Agricultural Research (ICAR) Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
28	2038	All India Coordinated Research Project on Agro Meteorology, ICAR-29	Department of Climate Change & Agricultural Meteorology	1,48,91,000	290
29	2040	All India Coordinated Research Project on Agro Forestry, ICAR-30	Department of Forestry & Natural Resources	1,02,33,000	291
30	2041	All India Coordinated Research Project on biological control of crop pests, ICAR-31	Department of Entomology	80,80,000	292
31	2042	All India Coordinated Research Project on Honey Bees & Pollinators, ICAR-32	Department of Entomology	71,55,000	293
32	2043	All India Coordinated Research Project on Pesticide Residues, ICAR-33	Department of Entomology	93,20,000	294
33	2044	All India Coordinated Research Project on Agricultural Acarology, ICAR-34	Department of Entomology	77,00,000	295
34	2046	All India Coordinated Mushroom Improvement Project, ICAR-35	Department of Microbiology	65,75,000	296
35	2291	All India Network Project on Vertebrate Pest Management (Part A Rodent Control Part B Agril Ornithology), ICAR-36	Department of Zoology	1,79,43,000	297-298
36	2049.1 to 2049.5	All India Coordinated Research Project on Home Science, ICAR-37	Family Resource Management	2,58,09,000	299-303
37	2050	All India Coordinated Research Project on Ergonomics and Safety in Agriculture, ICAR-38	Department of Farm Machinery & Power Engineering	1,22,22,000	304
38	2051	All India Coordinated Research Project on Research and Development of Farm Implements & Machinery ... actual field conditions, ICAR-39	Department of Farm Machinery & Power Engineering	3,90,41,000	305-306
39	2053	AICRP on application of Plastic in Agriculture, ICAR-40	Department of Soil & Water Engineering	1,07,80,000	307
40	2287	AICRP on Irrigation Water Management (AICRP on IWM) Ludhiana Part-A and Bathinda Part-B, ICAR-41	Department of Soil & Water Engineering	2,50,40,000	308-309
41	2055.1 to 2055.6	All India Coordinated Research Project on Renewable Energy Sources for Agricultural & Agro based Industries, ICAR-42	Department of Renewable Energy Engineering	3,26,97,000	310-313
42	2056	AICRP on Harvest and Post-Harvest Technology, ICAR-43	Department of Processing & Food Engineering	2,54,40,000	314-315
43	2344	All India Coordinated Research Project on Sorghum, ICAR-44	Department of Plant Breeding & Genetics	99,01,000	316
			<b>TOTAL</b>	<b>65,86,95,000</b>	



Index of ICAR Adhoc Projects					
Sr. No	Project Code	Name Of the Scheme (Adhoc project 100% ICAR)	Department Name	Budget Estimate	Page No.
1	2642	Marker assisting stacking of yellow mosaic disease resistance null Kunitz Tyrosin inhibitor, null lipoxygenase-2 genes, and	Department of Plant Breeding & Genetics	7,50,750	317
2	2665	Identification and Characterization of fungal effectors and host factors in rice- false smut pathosystem, ICAR-46	Department of Plant Breeding & Genetics	13,43,672	318
3	2667	CRP on Agro-biodiversity Lentil Project, ICAR-47	Department of Plant Breeding & Genetics	4,00,000	319
4	2273	Identification and validation of newer approaches for the management of whitefly Bemisia tabaci (Hemiptera: Aleyrodidae),	Department of Entomology	1,32,031	320
5	2147	All India Network Research Project on Onion and Garlic, ICAR-49	Department of Vegetable Science	12,15,000	321
6	2329	Collaborative Research Project on Agri-Biodiversity on Okra, ICAR-50	Department of Vegetable Science	5,00,000	322
7	2037	Network project on organic farming, ICAR-51	School of Organic Farming	11,36,520	323
8	2641	Ecosystems, Agribusiness and Institutions Component: Impact Assessment of Agricultural Technology,	Department of Economics & Sc	9,95,000	324
			<b>TOTAL</b>	<b>64,72,973</b>	

Index of KVK Schemes					
Sr. No	Project	Name Of the Scheme (Adhoc project)	Department Name	Budget	Page No.
1	2057	Establishment of KVK at Ferozepur, ICAR-53	KVK Ferozpur	1,94,24,000	325-326
2	2062	Establishment of KVK at Langroya, ICAR-54	KVK Langroya	2,20,00,000	327-328
3	2059	Establishment of KVK at Kapurthala, ICAR-55	KVK Kapurthala	2,61,50,000	329-330
4	2060	Establishment of KVK at Bahawal, ICAR-56	KVK Bahawal	2,17,00,000	331-332
5	2061	Establishment of KVK at Patiala, ICAR-57	KVK Patiala	2,65,43,000	333-334
6	2071	Establishment of KVK at Gurdaspur, ICAR-58	KVK Gurdaspur	2,68,30,000	335-336
7	2058	Establishment of KVK at Bathinda, ICAR-59	KVK Bathinda	3,07,00,000	337-338
8	2063	Establishment of KVK at Kheri (Sangrur), ICAR-60	KVK Kheri (Sangrur)	2,49,68,000	339-340
9	2064	Establishment of KVK at Faridkot, ICAR-61	KVK Faridkot	2,57,00,000	341-342
10	2065	Establishment of KVK at Ropar, ICAR-62	KVK Ropar	2,35,40,000	343-344
11	2068	Establishment of KVK at Goniana (Mukatsar), ICAR-63	KVK Goneana	2,51,00,000	345-346
12	2066	Establishment of KVK at Usman (Amritsar), ICAR-64	KVK Usman (Amritsar)	2,42,10,000	347-348
13	2069	Establishment of KVK at Samrala (Ludhiana), ICAR-65	KVK Samrala	2,10,00,000	349-350
14	2067	Establishment of KVK at Fatehgarh Sahib, ICAR-66	KVK Fatehgarh Sahib	2,27,00,000	351-352
15	2070	Establishment of KVK at Budhsinghwala Wala (Moga), ICAR-67	KVK Budhsinghwala (Moga)	2,40,23,000	353-354
16	2072	Establishment of KVK at Uppal Jagir (Noormahal), ICAR-68	KVK Nurmahal	2,43,00,000	355-356
17	2073	Establishment of KVK at Khokhar Khurd (Mansa), ICAR-69	KVK Khokhar Khurd Mansa	1,90,00,000	357-358
18	2428	Establishment of KVK at Pathankot, ICAR-70	KVK Pathankot	1,90,94,000	359-360
			<b>TOTAL</b>	<b>42,69,82,000</b>	

Index of Centrally Sponsored Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
1	6001	Integrated Agro Advisory Services at PAU Ludhiana (Gramin Krishi Mausam Sewa), CSS-1	Department of Climate Change & Agricultural Meteorology	41,60,000	361
2	6068	Forecasting Agricultural output using space, Agro meteorology and land based observations (FASAL), CSS-2	Department of Climate Change & Agricultural Meteorology	6,67,200	362
3	6303	Development of low lignin mutants of sugarcane through mutagenesis and genome editing approach CSS-3	School of Agricultural Biotechnology	7,09,333	363
4	6350	Development of enhanced shelf life tomato mutants through genome editing approach CSS-4	School of Agricultural Biotechnology	11,17,000	364
5	6309	Strengthening of Post Graduate Teaching and Research facilities in the department CSS-5	School of Agricultural Biotechnology	6,00,000	365
6	6393	The INSPIRE Faculty Fellowship to Dr. Sandeep, Punjab Agricultural University, Ludhiana CSS-6	School of Agricultural Biotechnology	22,12,734	366
7	6322	Mapping of phytophthora resistance in intergeneric rootstock populations and development of improved rootstock in Citrus CSS-7	School of Agricultural Biotechnology	2,58,430	367
8	6343	DBT Postgraduate Teaching program: M.Sc. Biotechnology at Punjab Agricultural University, Ludhiana CSS-8	School of Agricultural Biotechnology	31,90,000	368
9	6352	Application of Bioinformatics and Computational Biology in Agriculture-BIC at Punjab Agricultural University, Ludhiana CSS-9	School of Agricultural Biotechnology	34,54,992	369
10	6359	Development of resistant starch potato using nanomaterial mediated genome editing technology CSS-10	School of Agricultural Biotechnology	15,13,040	370
11	6361	Elucidating the Genetic Architecture of tillering in wheat through CRISPR/CAS based editing of Ideal Plant Architecture gene (IPAI) and Teosinte Branched 1(TBI) CSS-11	School of Agricultural Biotechnology	19,29,920	371
12	6387	Genome-wide introgression of tetraploid non-progenitor Aegilops peregrina (UUSS) in hexaploidy wheat background and mapping of multiple disease resistance CSS-12	School of Agricultural Biotechnology	31,51,328	372
13	6345	Molecular mapping and transfer of parthenocarp trait in desi cucumber (Cucumis Sativus L.) CSS-13	School of Agricultural Biotechnology	9,28,592	373
14	6367	Development of SNP marker-based panel affordable to breeders for the traits improving germination of rice from deep sowing depth under direct seeded cultivation conditions CSS-14	School of Agricultural Biotechnology	6,00,000	374
15	6395	CRISPR/Cas9 based gene editing of A-Gliadins to reduce Coeliac disease epitomes in tetraploid wheat-National Post-Doctoral Fellowship to Dr. Aman Kumar, Punjab Agricultural University, Ludhiana CSS-15	School of Agricultural Biotechnology	10,65,600	375
16	6385	Development of Haploid inducer rice lines using CRISPER Cas9 gene editing system for high induction frequency CSS-16	Department of Plant Breeding & Genetics	12,25,520	376

Index of Centrally Sponsored Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
17	6325	Germplasm Characterization and Trait Discovery in Wheat using Genomics Approaches and its Integration for Improving Climate Resilience, Productivity and Nutritional quality CSS-17	Department of Plant Breeding & Genetics	39,11,600	377-378
18	6328	Mainstreaming sesame germplasm for productivity enhancement and sustainability through genomics assisted core development and trait discovery” under mission programme of “Minor Oilseeds of Indian Origin CSS-18	Department of Plant Breeding & Genetics	18,65,080	379-380
19	6329	Mainstreaming rice landraces diversity in varietal development through genomic predictions: A model for large scale utilization of gene bank collections of rice CSS-19	Department of Plant Breeding & Genetics	17,39,440	381
20	6323	Introgression Breeding for Transfer of Aphid (Rhopalosiphum padi L.) Resistance from Aegilops tauschii, the D Genome Donor of Wheat CSS-20	Department of Plant Breeding & Genetics	6,05,958	382
21	6327	Exploiting Genetic Diversity for Improvement of Safflower through Genomics Assisted Discovery of QTLs/Genes CSS-21	Department of Plant Breeding & Genetics	30,94,480	383-384
22	6335	Characterization of Chickpea Germplasm resource to Accelerate Genomics-assisted Crop Improvement CSS-22	Department of Plant Breeding & Genetics	38,26,640	385
23	6391	DUS testing of Fababean CSS-23	Department of Plant Breeding & Genetics	6,45,000	386
24	6336	Marker assisted stacking of genes associated with seed quality and aphid resistance in high yielding mustard cultivars CSS-24	Department of Plant Breeding & Genetics	6,56,918	387
25	6368	Unravelling the diversity of R genes against yellow mosaic disease in Vigna CSS-25	Department of Plant Breeding & Genetics	10,86,587	388
26	6376	DAE Raja Ramanna Fellow, CSS-26	Department of Plant Breeding & Genetics	13,27,440	389
27	6372	Centre of Excellence - Development and Integration of Advanced Genomic technologies for Targeted Breeding CSS-27	G.S. Khush Institute of Genetics, Plant Breeding and Biotechnology	5,82,59,360	390-393
28	6003	Establishment of Agro Economic Research Centre at PAU Ludhiana CSS-28	Department of Economics & Sociology	2,25,00,000	394
29	6004	Comprehensive scheme for studying cost of Cultivation of Principal crops in Punjab CSS-29	Department of Economics & Sociology	3,95,00,000	395
30	6381	Development of Quality Queen of Bees of Honey Bee Apis melifera CSS-30	Department of Entomology	5,22,375	396
31	6382	Facilitating Honey Bee Health through Diagnosing and managing various diseases of Italian Honey Bees CSS-31	Department of Entomology	3,11,000	397
32	6362	Ecological implications of abundance of Pink Stem borer, Sesamia inferens Walker in rice-wheat cropping system in Punjab CSS-32	Department of Entomology	9,37,344	398
33	6364	Biosystematic Studies of Phytoseiid Mites on Fruit Crops From Trans Gangetic Plain and North Western Himalaya CSS-33	Department of Entomology	11,37,760	399
34	6365	Molecular mapping of fertility restorer gene in brinjal (Solanum melongena L.) CSS-34	Department of Vegetable Science	8,81,520	400
35	6366	Identification and characterization of gene(s) responsible for pre-mature bolting in tropical onion grown in India CSS-35	Department of Vegetable Science	14,16,340	401



Index of Centrally Sponsored Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
36	6390	Molecular mapping of root knot nematode resistance gene(s) introgressed from <i>S. torvum</i> in brinjal ( <i>S. melongena</i> ) CSS-36	Vegetable Science & School of Agricultural Biotechnology	17,91,304	402
37	6371	Molecular mapping and transfer of jassid resistance in Okra <i>Abelmoschus esculentus</i> (L.) Moench CSS-37	Department of Vegetable Science	26,14,304	403
38	6363	Phenotyping and Molecular Characterization of Snapmelon germplasm against <i>Fusarium</i> wilt resistance for development of mapping population in Muskmelon ( <i>Cucumis melo</i> L.) CSS-38	Department of Vegetable Science	7,88,532	404
39	6389	Evaluation of yeast-encapsulated essential oil based biolarvicide formulation(s) for management of <i>Aedes aegypti</i> mosquito CSS-39	Department of Zoology	6,72,672	405
40	6346	Valoriation and dissemination of galgal ( <i>Citrus pseudilimon</i> Tan.) processing techniques for the sustainable livelihood of weaker sections of the society CSS-40	Department of Food Science & Technology	10,91,480	406
41	6373	Fund for Improvement of S&T Infrastructure (FIST) CSS-41	Department of Food Science & Technology	12,00,000	407
42	6334	Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) CSS-42	Department of Fruit Science	7,00,000	408
43	6358	FIST project (Level-2)" "FIST Engineering Sciences Level I, II or III CSS-43	Department of Farm Machinery & Power Engg.	2,00,000	409
44	6294	North Indian Centre for Water Technology Research in Agriculture CSS-44	Department of Agronomy	38,21,600	410
45	6355	Rice stubble management through altered genotype x management (GEM) interventions in wheat crop CSS-45	Department of Agronomy	5,39,560	411
46	6354	Establishment of field stations for measuring ET and Soil Moisture under National Hydrology Project (NHP) CSS-46	Department of Soil & Water Engineering	7,14,000	412
47	6374	Research and development on biomass properties/characteristics (Activity: 20 & 30) CSS-47	Department of Renewable Energy Engineering	16,67,000	413
48	6348	Evaluation of climate resilient high yielding farmers' developed crop varieties incubated by NIF in Kandi region of Punjab under different hydrothermal regimes CSS-48	Regional Station Ballawal Saunkhri	1,15,280	414
49	6037	Integrated Agro Advisory Services at Agromet Field Unit, Ballawal Saunkhri (renamed Gramin Krishi Mausam Sewa) CSS-49	Regional Station Ballawal Saunkhri	16,90,776	415
50	6036	Gramin Krishi Mausam Sewa at Agromet Field Unit, Faridkot CSS-50	Regional Research Station Faridkot	25,95,000	416
51	6002	Integrated Agro Advisory Services at Bathinda Renamed as 'Gramin Krishi Mausam Sewa CSS-51	Regional Research Station Bathinda	22,15,000	417
52	6058	AAS Unit (under PAU) at Gurdaspur CSS-52	Regional Research Station Gurdaspur	31,00,400	418
			<b>TOTAL</b>	<b>19,65,25,439</b>	

<b>Index of NHM Schemes</b>					
<b>Sr. No</b>	<b>Project Code</b>	<b>Name Of the Scheme</b>	<b>Department Name</b>	<b>Budget Estimate</b>	<b>Page No.</b>
1	4089	Research & Extension Specialists Workshop for Horticulture,NHM-1	Director Extension Education	5,00,000	419
2	5232	Frontline demonstrations on “Paddy straw mulching and eco friendly technologies for guava production”,NHM-2	Department of Fruit Science	7,00,000	420
			<b>Total</b>	<b>12,00,000</b>	

Index of Miscellaneous Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
1	4001	Training of the PAU faculty members in new technologies,Misc.1	Director of Research	25,00,000	421
2	4889	Advance training of PAU faculty members in new technologies,Misc.2	Director of Research	40,00,000	422
3	4003	Running of Lab. Day Care Centre,Misc.3	Human Development & Family Studies	15,60,000	423
4	4004	POL expenses for the Pooled vehicles and recoupment thereof,Misc.4	Director of Research	30,00,000	424
5	4238	Institutional charges for CAU's office,Misc.5	Comptroller PAU	17,00,000	425
6	4006	Emergent establishment charges for Directorate of Research,Misc.6	Director of Research	45,00,000	426
7	4007	Strengthening of Agricultural Marketing Research in the Deptt. of Eco. & Soc.,Misc.7	Department of Economics & Sociology	1,46,00,000	427
8	4715	Facilitating effective functioning at PAU, Misc.8	Comptroller PAU	6,00,00,000	428
9	4268	Strengthening of research, teaching & extension education activities.,Misc.9	Comptroller PAU	5,00,00,000	429
10	4352	Emergent establishment charges for Directorate of Extension Education,Misc.10	Director Extension Education	28,125	430
11	4489	Strengthening of Directorate of Extension Education,Misc.11	Director Extension Education	18,35,000	431
12	4582	Research & Eextension specialists workshop for Rabi and Kharif crops,Misc.12	Director Extension Education	1,50,000	432
13	4064	Training camp on maintenance of Tractor & Resource persons, Misc.13	Director Extension Education	1,41,754	433
14	4914	PAU Suspense Scheme of Store Purchase Organization, Misc.14	Comptroller PAU	10,00,00,000	434
15	5054	Precision irrigation in major cropping systems of Punjab using artificial intelligence and sub-surface drip system, Misc.15	Department of Agronomy	46,90,000	435
16	5181	Evaluation of efficacy of Harvest+ Cytonutri zinc 12%, SA -GroBloom , SA SARAS NUTRI, SA SARAS POWER and SA	Department of Agronomy	10,00,000	436
17	5200	Efficacy evaluation of EMEK(Clodinafop propargyl 9% + Metribuzin 20% WP) for weed management in wheat,Misc.17	Department of Agronomy	4,00,000	437
18	5201	Bio-efficacy evaluation of herbicide pre-mixture, RIL-261/CF in sugarcane,Misc.18	Department of Agronomy	6,50,000	438
19	5202	Efficacy of premix of VPP72 60% ad its comparison with market standards for control of Phalaris minor and Broad leaf weeds in	Department of Agronomy	6,50,000	439
20	5206	Evaluation of Rapigro Gr and Rapigro L for growth & yield parameter of Rice, Misc.20	Department of Agronomy	5,00,000	440
21	5210	Evaluation of herbicides triafamone 37.5 + fentrazamide 300 g/L SC and triafamone 37.5 g/L + oxidiazon 240 g/L SC for weed	Department of Agronomy	29,00,000	441
22	5212	Estimation of Groundwater unit and Water Budgeting in different Agro-Climate Regions of Punjab using Internet of Things and	Department of Agronomy	69,40,000	442

23	5217	Evaluation of pretilachlor 30% w/v + floryrauxifen-Benzyl 1% w/v (31% w/v EC) for total weed control in transplanted rice,	Department of Agronomy	6,50,000	443
24	5219	Evaluation of AWKIRA (Pyroxasulfone 85 WG) for phytotoxicity (crop safety) when applied through Drone in wheat,Misc.24	Department of Agronomy	4,50,000	444
25	5221	Evaluation of pretilachlor 30% w/v floryrauxifen- Benzyl 1% w/v(31% w/v EC) for total weed control in direct seeded rice,	Department of Agronomy	6,50,000	445
26	5227	Evaluation of herbicide VPP72 60% WG for control of Phalaris minor and Broad leaf weeds (BLW's) in wheat for third season,	Department of Agronomy	3,25,000	446
27	5228	Evaluation of herbicide ADM.05001.H.1.A against weed complex in wheat,Misc.27	Department of Agronomy	6,50,000	447
28	5102	Bio-efficacy evaluation of IIF-1516 against sheath blight , false smut and blast disease of rice for two seasons,Misc.28	Department of Plant Pathology	4,00,363	448
29	5110	Bioefficacy evaluation of BIOMYCIN (Kasugamycin 3% SL) against early blight of potato,Misc.29	Department of Plant Pathology	1,00,317	449
30	5148	Bio-efficacy evaluation of biopesticide bacillus amiloliquefaciens against sheath blight of rice,Misc.30	Department of Plant Pathology	1,00,000	450
31	5169	Bio-efficacy evaluation of biofungicide IPF-FC-005(Trichoderma viride + Trichoderma Harzanium ) against wilt of Okra, Misc.31	Department of Plant Pathology	1,50,000	451
32	5180	Bio-efficacy evaluation of Fluopyram 400g/L (Velum Prime)SC against root knot nematodes of rice,Misc.32	Department of Plant Pathology	2,50,000	452
33	5186	Bio-efficacy evaluation of isotianil 200 G/L Trifloxystrobin 80 G/L FS (routine start) against leaf blast of rice,Misc.33	Department of Plant Pathology	3,50,000	453
34	5187	Bio-efficacy evaluation of Tebuconazole 430 G/L SC against leaf/neck blast of rice,Misc.34	Department of Plant Pathology	3,50,000	454
35	5189	Bio-efficacy evaluation of Isotianil 120 G/L + Trifloxystrobin 100 G/L SC against bacterial leaf blight & leaf/neck blast of rice,	Department of Plant Pathology	7,50,000	455
36	5190	Bio-efficacy evaluation of propineb 70% WG against leaf/neck blast and brown leaf spot disease of rice,Misc.36	Department of Plant Pathology	7,50,000	456
37	5191	Bio-efficacy evaluation of Trifloxystrobin 500 G/L SC against dirty panicle of rice, Misc.37	Department of Plant Pathology	3,50,000	457
38	5216	Bio-efficacy and phytotoxicity evaluation of Kocide 3000 (copper hydroxide 46.1%) on potato through drone application,Misc.38	Department of Plant Pathology	2,00,000	458
39	5223	Bio-efficacy evaluation of IIF-222 against sheath blight, brown spot, false smut and grain discoloration of rice,Misc.39	Department of Plant Pathology	6,50,000	459
40	5224	Bio-efficacy and phytotoxicity evaluation of fungicides against yellow Rust, Rust and Powdery Mildew of wheat,Misc.40	Department of Plant Pathology	5,50,000	460
41	5155	Evaluation of Dharti Ka Chowkidar and Jaivik Kranti in transplanted rice,Misc.41	School of Organic Farming	3,00,000	461
42	5177	Evaluation of Mifco green Kranti (Organic fertilizer) in Basmati rice,Misc.42	School of Organic Farming	1,50,000	462
43	5193	Evaluation of AGMA-Foliar (Brand Name : Kazuki Gold) in transplanted rice,Misc.43	School of Organic Farming	1,50,000	463
44	5194	Evaluation of fermented organic manure (FOM) in potato,Misc.44	School of Organic Farming	1,50,000	464
45	5195	Response of transplanted rice to Agma Biostimulant Granule (k Max Super),Misc.45	School of Organic Farming	1,50,000	465



46	5218	Evaluation of all rounder plus decomposer for rice residue management in wheat,Misc.46	School of Organic Farming	1,50,000	466
47	5230	Evaluation of fermented organic manure in summer moong,Mis.47	School of Organic Farming	1,50,000	467
48	4086	Evaluation of rice hybrids, Misc.48	Department of Plant Breeding & Genetics	14,51,250	468
49	4743	Productivity assessment of private sector maize hybrid,Misc.49	Department of Plant Breeding & Genetics	7,46,550	469
50	4819	Evaluation of maize hybrids developed by private sector during kharif,Misc.50	Department of Plant Breeding & Genetics	5,60,250	470
51	4992	Evaluation of corn hybrids,Misc.51	Department of Plant Breeding & Genetics	6,23,700	471
52	5205	Evaluation of hybrids under direct seeded rice, Misc.52	Department of Plant Breeding & Genetics	1,87,650	472
53	5161	Evaluation of crop safety of Pyriproxyfen 10 EC in cotton through drone application,Misc.53	Department of Entomology	2,50,000	473
54	5162	Evaluation of crop safety of Fenpropathrin 10 EC in cotton through drone application,Misc.54	Department of Entomology	2,50,000	474
55	5165	Bioefficacy of Kalichakra L and Daman L against fall armyworm (Spodoptera frugiperda) in maize,Misc.55	Department of Entomology	2,88,000	475
56	5174	PB Knot- An innovative approach to manage pink bollworm in cotton,Misc.56	Department of Entomology	7,34,600	476
57	5220	Bio-efficacy and phytotoxicity of A3R-1 19% w/v SC(triflumenzopyrim + benzyrimoxan) against rice planthoppers,	Department of Entomology	3,00,000	477
58	5158	Nitrogen management in rice-wheat and maize wheat cropping system,Misc.58	Department of Soil Science	6,61,250	478
59	5163	Evaluation of some NPK grade fertilizers on the productivity of different cropping systems and on soil health,Misc.59	Department of Soil Science	11,14,832	479
60	5185	Evaluation of efficacy of ambition complete as liquid fertilizers transplanted rice crop, Misc.60	Department of Soil Science	2,00,000	480
61	5214	Evaluation of efficacy of nano DAP on wheat crop,Misc.61	Department of Soil Science	2,67,000	481
62	5122	Development of the Hermetic System for safe storage of Agriculture Produce without using Hazardous chemicals,Misc.62	Department of Processing & Food Engineering	1,81,000	482
63	5123	Development of Sensor platform for Rapid Detection of Adulteration in Turmeric Powder,Misc.63	Department of Processing & Food Engineering	95,100	483
64	5138	Resource institution for Capacity Building & Research under Prime Minister Formalization of Micro Food Enterprises in the State of	Department of Processing & Food Engineering	4,00,000	484
65	4985	Conservation, improvement, management and promotion of sandalwood (Santalum album Lin) cultivation in India,Misc.65	Department of Forestry & Natural Resources	7,18,300	485
66	5100	Assessing potential of genetically improved casuarina germplasm for commercial cultivation in Punjab,Misc.66	Department of Forestry & Natural Resources	4,27,900	486
67	5236	Bioefficacy evaluation of spirotetramat 15.31% w/w OD against mealybugs and mite in grapes,Misc.67	Department of Fruit Science	4,60,000	487
68	5166	Evaluation of Brodifacoum 0.005% BB on rice and sugarcane,Misc.68	Department of Zoology	50,000	488

69	5132	Bioefficacy, phytotoxicity evaluation of rallis new granular insecticide pre-mixture, RIL-281/CF(1% Gr) against early shoot borer and	Regional Station, Kapurthala	3,10,000	489
70	4561	Manjeet S.Chinnan and Lata Mahajan Chinnan Endowment for promoting Excellence in Academics and Sports at PAU	College of Agricultural Engineering & Technology	2,47,000	490-491
71	4002	National Service Scheme, Misc.71	Director Student's Welfare	4,46,600	492
			<b>TOTAL</b>	<b>28,15,91,541</b>	

Index of Miscellaneous (FC) Schemes					
Sr.	Project	Name Of the Scheme	Department Name	Budget	Page
1	5511	HarvestPlus challenge program Phase IV Agreement # 6408 research project” Biofortified wheat for improved human	Department of Plant Breeding & Genetics	20,00,000	493
2	5512	HarvestPlus zinc fertilizer project, “Use of zinc containing fertilizers for enriching cereal grains with zinc and improving yield in	Department of Plant Breeding & Genetics	15,00,000	494
3	5540	Direct Seeded Rice consortium, Misc.(FC-3)	Department of Plant Breeding & Genetics	2,62,500	495
4	5543	Accelerating the mainstreaming of elevated zinc in global wheat breeding: a ‘Fluoride in the water ‘approach to nutrition, Misc.(FC-4)	Department of Plant Breeding & Genetics	7,50,000	496
5	5544	Towards effective genetic and sustainable management of Ascochyta blight of chickpea,Misc.(FC-5)	Department of Plant Breeding & Genetics	2,72,750	497
6	5545	Climate Smart Management Practices (C-2021-148), Misc.(FC-6)	Department of Plant Breeding & Genetics	5,62,250	498
7	5546	Accelerating the mainstreaming of elevated zinc in global wheat breeding: a ‘Fluoride in the water ‘approach to nutrition, Misc.(FC-7)	Department of Plant Breeding & Genetics	15,00,000	499
8	5539	Genetic transformation of PAP1 gene in American cotton accessories coker 312 and PAU Bt 1 for developing colored cotton,	School of Agricultural Biotechnology	29,67,456	500-501
			<b>TOTAL</b>	<b>98,14,956</b>	

Self Financing Schemes					
Sr. No	Project Code	Name Of the Scheme		Budget Estimate	Page No.
1	3036.1-3036.2	Self Financing Programme in College of Agriculture, SFS-01	College of Agriculture	3,60,86,000	502-503
2	3037	Self Financing Programme in College of Basic Sciences & Humanities, SFS-02	College of Basic Sciences & Humanities	1,75,00,000	504
3	3038	Self Financing Programme in College of Community Science, SFS-03	College of Community Science	76,66,000	505
4	3039	Self Financing Programme in College of Agricultural Engineering & Technology, SFS-	College of Agricultural Engineering & Technology	7,20,000	506
5	3040	Self Financing Programme in School of Electrical Engineering & Information Technology, SFS-	Department of Electrical Engineering & Information Technology	32,06,086	507
			<b>TOTAL</b>	<b>6,51,78,086</b>	

Index of Revolving Fund Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
1	3097	Experiential Learning in College of Home Science, RF-01	College of Community Science	5,85,000	508
2	3098	Sale of PAU Fruit Fly Traps, RF-02	Department of Fruit Science	17,15,000	509
3	3099	Seed Production at Pathankot, RF-03	KVK Pathankot	15,00,000	510
4	3101	Sale of Seedlings of Vegetable Crops, RF-04	Department of Vegetable Science	12,50,000	511
5	3102	Promoting and Popularizing PAU Appliances based on utilization for Solar Energy, RF-05	Department of Renewable Energy Engineering	1,50,000	512
6	3103	Food Processing and Business Incubation Centre at Regional Station Bathinda, RF-06	Regional Station Bathinda	5,00,000	513
7	3104	Research Station, Dyal Bhadang, Amritsar, RF-07	Regional Station Dyal Bhadang	63,00,000	514
8	3105	Establishment of University Seed Farm, Usman, Tarn Taran, RF-8	USF Usman	1,37,95,000	515
9	3107	Integrated Farming System, RF-9	School of Organic Farming	12,00,000	516
10	3111	Processing and Sale of Agricultural Produce, RF-10	Department of Processing & Food Engineering	8,00,000	517
11	3112	Experiential Learning Programme (Food Technology), RF-11	Department of Food Science & Technology	5,00,000	518
12	3113	Production of fruits, vegetables and nursery seedlings under brackish water Projects at Regional Station Bathinda, RF-12	Regional Station Bathinda	6,00,000	519
13	3114	Entrepreneurship development in Commercial Plant Tissue Culture, RF-13	School of Agricultural Biotechnology	12,00,000	520
14	3115	Bioagents- Department of Entomology, RF-14	Department of Entomology	1,50,000	521
15	3116	Production of value added convenience foods at PAU, Ludhiana, RF-15	Department of Food Science & Technology	5,00,000	522
16	3117	Sale of Agricultural Produce, RF-16	Department of Soil & Water Engineering	3,00,000	523
17	3118	Commercial Plant Tissue Culture, RF-17	School of Agricultural Biotechnology	10,57,000	524
			<b>TOTAL</b>	<b>3,21,02,000</b>	



Department Wise Index of All Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
1	1022.1	Establishment of Dean Postgraduate Studies, R&E-1	Dean Postgraduate Studies	1,88,15,700	1-2
2	-	Development and Strengthening of Agricultural Universities, ICAR-1 (Part-A & B) (PC-2001.1 &2001.2)	Dean Postgraduate Studies	8,85,00,000	259-260
			<b>Total</b>	<b>10,73,15,700</b>	
3	1023.1	Establishment of Dean, College of Agriculture, R&E-2	College of Agriculture	6,63,08,100	3-5
4	3036.1-3036.2	Self Financing Programme in College of Agriculture, SFS-01	College of Agriculture	3,60,86,000	502-503
			<b>Total</b>	<b>10,23,94,100</b>	
5	1024.1	Agricultural Nanotechnology, R&E-3	Department of Soil Science	1,58,44,000	6
6	1045.1-1045.3	Establishment of Department of Soil Science, R&E-54	Department of Soil Science	13,41,54,700	129-133
7	3035	High resolution imaging and analysis in EMN Lab. R&E-125	Department of Soil Science	3,00,000	250
8	2020	AICRP on Micronutrients & Secondary Nutrients & Pollutant elements in Soils & Plants, ICAR-19	Department of Soil Science	68,69,000	279
9	2021	AICRP on Long Term Fertilizer Experiments, ICAR-20	Department of Soil Science	60,33,000	280
10	2022	Coordinated scheme for investigation on correlation of soil test with crop responses and self-employed rural soil health care workers programme ICAR-21	Department of Soil Science	1,07,03,000	281
11	5158	Nitrogen management in rice-wheat and maize wheat cropping system,Misc.58	Department of Soil Science	6,61,250	478
12	5163	Evaluation of some NPK grade fertilizers on the productivity of different cropping systems and on soil health,Misc.59	Department of Soil Science	11,14,832	479
13	5185	Evaluation of efficacy of ambition complete as liquid fertilizers transplanted rice crop, Misc.60	Department of Soil Science	2,00,000	480
14	5214	Evaluation of efficacy of nano DAP on wheat crop,Misc.61	Department of Soil Science	2,67,000	481
			<b>Total</b>	<b>17,61,46,782</b>	
15	1025.1-1025.3	Establishment of Department of Plant Breeding & Genetics, R&E-4	Department of Plant Breeding & Genetics	5,11,10,700	7-9
16	1026.2	Improvement of Forage Crops Deptt. of Plant Breeding & Genetics, R&E-43	Department of Plant Breeding & Genetics	3,35,01,800	111-112
17	1027.2	Quality breeding in cereals and pulses, R&E-44	Department of Plant Breeding & Genetics	1,33,84,500	113
18	1028.2	Facilities for off-season growing of breeding material of various crops in Lahual valley and southern India, R&E-45	Department of Plant Breeding & Genetics	1,09,59,500	114
19	1029.2	Breeding maize for high yield & stress tolerance for cultivation in different seasons, R&E-46	Department of Plant Breeding & Genetics	1,22,74,800	115
20	1030.2	Breeding pulse crop for high yield quality and stability of performance, R&E-47	Department of Plant Breeding & Genetics	1,65,67,400	116
21	1032.2	Genetics of resistance to insect pests and diseases and identification of genes in crop Plants, R&E-49	Department of Plant Breeding & Genetics	3,34,74,300	119-120
22	1033.2-1033.3	Breeding cotton for productivity fibre quality and stability of performance, R&E-50	Department of Plant Breeding & Genetics	2,19,32,500	121-122
23	1034.2	Breeding rice (Basmati and non-basmati) for high yield quality and stability of performance, R&E-51	Department of Plant Breeding & Genetics	3,90,89,600	123-124
24	1035.2	Breeding bread & durum wheat for high yield quality and resistance to diseases in different agro-climates, R&E-52	Department of Plant Breeding & Genetics	4,32,50,900	125-126
25	1036.2-1036.3	Breeding oilseeds for productivity quality and stability of performance, R&E-53	Department of Plant Breeding & Genetics	1,57,23,600	127-128

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Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
26	2002	All India Coord. Wheat Improvement Project ICAR-2	Department of Plant Breeding & Genetics	2,20,91,000	261
27	2003	All India Coord. Pearl Millet Improvement Project ICAR-3	Department of Plant Breeding & Genetics	42,40,000	262
28	2004	All India Coord. Maize Improvement Project ICAR-4	Department of Plant Breeding & Genetics	3,04,40,000	263
29	2005	AICRP on Oilseed Res. Center for Groundnut (Redeployed For Repeseed Mustard) Ludhiana ICAR-5	Department of Plant Breeding & Genetics	2,76,79,000	264
30	2007	AICRP f or the intensification of Res on Improvement of Pulses (Chickpea), ICAR-7	Department of Plant Breeding & Genetics	1,82,60,000	267
31	2008	AICRP on Mullarp ICAR-8	Department of Plant Breeding & Genetics	1,17,53,000	268
32	2009	AICRP on Soybean ICAR-9	Department of Plant Breeding & Genetics	91,14,000	269
33	2010	AICRP on Forage Crops ICAR-10	Department of Plant Breeding & Genetics	1,50,44,000	270
34	2011	AICRP Network on Potential Crops, ICAR-11	Department of Plant Breeding & Genetics	44,94,000	271
35	2012	AICRP on Sunflower ICAR-12	Department of Plant Breeding & Genetics	73,80,000	272
36	2015	All India Coord. Rice Impr. Project, ICAR-15	Department of Plant Breeding & Genetics	2,28,40,000	275
37	2016	AICRP on Pigeonpea ICAR-16	Department of Plant Breeding & Genetics	62,85,000	276
38	2018	Seed Technology Research under National Seed Project, ICAR-18	Department of Plant Breeding & Genetics	2,19,70,000	278
39	2344	All India Coordinated Research Project on Sorghum, ICAR-44	Department of Plant Breeding & Genetics	99,01,000	316
40	2642	Marker assisting stacking of yellow mosaic disease resistance null Kunitz Trypsin inhibitor, null lipoxygenase-2 genes, and broadening the genetic base of Soybean, ICAR-45	Department of Plant Breeding & Genetics	7,50,750	317
41	2665	Identification and Characterization of fungal effectors and host factors in rice- false smut pathosystem, ICAR-46	Department of Plant Breeding & Genetics	13,43,672	318
42	2667	CRP on Agro-biodiversity Lentil Project, ICAR-47	Department of Plant Breeding & Genetics	4,00,000	319
43	6385	Development of Haploid inducer rice lines using CRISPER Cas9 gene editing system for high induction frequency CSS-16	Department of Plant Breeding & Genetics	12,25,520	376
44	6325	Germplasm Characterization and Trait Discovery in Wheat using Genomics Approaches and its Integration for Improving Climate Resilience, Productivity and Nutritional quality CSS-17	Department of Plant Breeding & Genetics	39,11,600	377-378
45	6328	Mainstreaming sesame germplasm for productivity enhancement and sustainability through genomics assisted core development and trait discovery” under mission programme of “Minor Oilseeds of Indian Origin CSS-18	Department of Plant Breeding & Genetics	18,65,080	379-380
46	6329	Mainstreaming rice landraces diversity in varietal development through genomic predictions: A model for large scale utilization of gene bank collections of rice CSS-19	Department of Plant Breeding & Genetics	17,39,440	381
47	6323	Introgression Breeding for Transfer of Aphid (Rhopalosiphum padi L.) Resistance from Aegilops tauschii, the D Genome Donor of Wheat CSS-20	Department of Plant Breeding & Genetics	6,05,958	382

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Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
48	6327	Exploiting Genetic Diversity for Improvement of Safflower through Genomics Assisted Discovery of QTLs/Genes CSS-21	Department of Plant Breeding & Genetics	30,94,480	383-384
49	6335	Characterization of Chickpea Germplasm resource to Accelerate Genomics-assisted Crop Improvement CSS-22	Department of Plant Breeding & Genetics	38,26,640	385
50	6391	DUS testing of Fababean CSS-23	Department of Plant Breeding & Genetics	6,45,000	386
51	6336	Marker assisted stacking of genes associated with seed quality and aphid resistance in high yielding mustard cultivars CSS-24	Department of Plant Breeding & Genetics	6,56,918	387
52	6368	Unravelling the diversity of R genes against yellow mosaic disease in Vigna CSS-25	Department of Plant Breeding & Genetics	10,86,587	388
53	6376	DAE Raja Ramanna Fellow, CSS-26	Department of Plant Breeding & Genetics	13,27,440	389
54	4086	Evaluation of rice hybrids, Misc.48	Department of Plant Breeding & Genetics	14,51,250	468
55	4743	Productivity assessment of private sector maize hybrid,Misc.49	Department of Plant Breeding & Genetics	7,46,550	469
56	4819	Evaluation of maize hybrids developed by private sector during kharif,Misc.50	Department of Plant Breeding & Genetics	5,60,250	470
57	4992	Evaluation of corn hybrids,Misc.51	Department of Plant Breeding & Genetics	6,23,700	471
58	5205	Evalaution of hybids under direct seeded rice, Misc.52	Department of Plant Breeding & Genetics	1,87,650	472
59	5511	HarvestPlus challenge progam Phase IV Agreement # 6408 research project” Biofortified wheat for improved human nutrition, Misc.(FC-1)	Department of Plant Breeding & Genetics	20,00,000	493
60	5512	HarvestPlus zinc fertilizer project, “Use of zinc containing fertilizers for enriching cereal grains with zinc and improving yield in different countries, Misc.(FC-2)	Department of Plant Breeding & Genetics	15,00,000	494
61	5540	Direct Seeded Rice consortium, Misc(FC-3)	Department of Plant Breeding & Genetics	2,62,500	495
62	5543	Accelerating the mainstreaming of elevated zinc in global wheat breeding: a ‘Fluoride in the water ‘approach to nutrition, Misc.(FC-4)	Department of Plant Breeding & Genetics	7,50,000	496
63	5544	Towards effective genetic and sustainable management of Ascochyta blight of chickpea,Misc.(FC-5)	Department of Plant Breeding & Genetics	2,72,750	497
64	5545	Climate Smart Management Practices (C-2021-148), Misc.(FC-6)	Department of Plant Breeding & Genetics	5,62,250	498
65	5546	Accelerating the mainstreaming of elevated zinc in global wheat breeding: a ‘Fluoride in the water ‘approach to nutrition, Misc.(FC-7)	Department of Plant Breeding & Genetics	15,00,000	499
		<b>Total</b>		<b>53,56,56,585</b>	
66	1037.1-1037.3	Establishment of Department of Entomology, R&E-5	Department of Entomology	11,67,99,700	10-13
67	3046	Bee Keeping, R&E-82	Department of Entomology	1,00,000	198
68	2041	All India Coordinated Research Project on biological control of crop pests, ICAR-31	Department of Entomology	80,80,000	292
69	2042	All India Coordinated Research Project on Honey Bees & Pollinators, ICAR-32	Department of Entomology	71,55,000	293
70	2043	All India Coordinated Research Project on Pesticide Residues, ICAR-33	Department of Entomology	93,20,000	294
71	2044	All India Coordinated Research Project on Agricultural Acarology, ICAR-34	Department of Entomology	77,00,000	295
72	2273	Identification and validation of newer approaches for the management of whitefly Bemisia tabaci (Hemiptera: Aleyrodidae), ICAR-48	Department of Entomology	1,32,031	320

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Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
73	6381	Development of Quality Queen of Bees of Honey Bee Apis mellifera CSS-30	Department of Entomology	5,22,375	396
74	6382	Facilitating Honey Bee Health through Diagnosing and managing various diseases of Italian Honey Bees CSS-31	Department of Entomology	3,11,000	397
75	6362	Ecological implications of abundance of Pink Stem borer, Sesamia inferens Walker in rice-wheat cropping system in Punjab CSS-32	Department of Entomology	9,37,344	398
76	6364	Biosystematic Studies of Phytoseiid Mites on Fruit Crops From Trans Gangetic Plain and North Western Himalaya CSS-33	Department of Entomology	11,37,760	399
77	5161	Evaluation of crop safety of Pyriproxyfen 10 EC in cotton through drone application,Misc. 53	Department of Entomology	2,50,000	473
78	5162	Evaluation of crop safety of Fenpropathrin 10 EC in cotton through drone application,Misc. 54	Department of Entomology	2,50,000	474
79	5165	Bioefficacy of Kalichakra L and Daman L against fall armyworm (Spodoptera frugiperda) in maize,Misc.55	Department of Entomology	2,88,000	475
80	5174	PB Knot- An innovative approach to manage pink bollworm in cotton,Misc.56	Department of Entomology	7,34,600	476
81	5220	Bio-efficacy and phytotoxicity of A3R-1 19% w/v SC(triflumenzopyrim + benzyrimoxan) against rice planthoppers, Misc.57	Department of Entomology	3,00,000	477
82	3115	Bioagents- Department of Entomology, RF-14	Department of Entomology	1,50,000	521
		<b>Total</b>		<b>15,41,67,810</b>	
83	1038.1-1038.3	Establishment of Department of Agronomy, R&E-6	Department of Agronomy	12,75,06,300	14-17
84	2035	All India Coordinated Research Programme on weed Mgt,ICAR-27	Department of Agronomy	64,92,000	288
85	6294	North Indian Centre for Water Technology Research in Agriculture CSS-44	Department of Agronomy	38,21,600	410
86	6355	Rice stubble management through altered genotype x management (GEM) interventions in wheat crop CSS-45	Department of Agronomy	5,39,560	411
87	5054	Precision irrigation in major cropping systems of Punjab using artificial intelligence and sub-surface drip system, Misc.15	Department of Agronomy	46,90,000	435
88	5181	Evaluation of efficacy of Harvest+ Cytonutri zinc 12%, SA -GroBloom , SA SARAS NUTRI, SA SARAS POWER and SA PYROLL (Organic Potash 14% ) in paddy, Misc.16	Department of Agronomy	10,00,000	436
89	5200	Efficacy evaluation of EMEK(Clodinafop propargyl 9% + Metribuzin 20% WP) for weed management in wheat,Misc.17	Department of Agronomy	4,00,000	437
90	5201	Bio-efficacy evaluation of herbicide pre-mixture, RIL-261/CF in sugarcane,Misc.18	Department of Agronomy	6,50,000	438
91	5202	Efficacy of premix of VPP72 60% ad its comparison with market standards for control of Phalaris minor and Broad leaf weeds in wheat, Misc.19	Department of Agronomy	6,50,000	439
92	5206	Evaluation of Rapigro Gr and Rapigro L for growth & yield parameter of Rice, Misc.20	Department of Agronomy	5,00,000	440
93	5210	Evaluation of herbicides triafamone 37.5 + fentrazamide 300 g/L SC and triafamone 37.5 g/L + oxdiazon 240 g/L SC for weed control in transplanted rice and direct seeded rice, Misc.21	Department of Agronomy	29,00,000	441

Department Wise Index of All Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
94	5212	Estimation of Groundwater unit and Water Budgeting in different Agro-Climate Regions of Punjab using Internet of Things and Satellite Remote Sensing,Misc.22	Department of Agronomy	69,40,000	442
95	5217	Evaluation of pretilachlor 30% w/v + floryrauxifen-Benzyl 1% w/v (31% w/v EC) for total weed control in transplanted rice, Misc.23	Department of Agronomy	6,50,000	443
96	5219	Evaluation of AWKIRA (Pyroxasulfone 85 WG) for phytotoxicity (crop safety) when applied through Drone in wheat,Misc.24	Department of Agronomy	4,50,000	444
97	5221	Evaluation of pretilachlor 30% w/v floryrauxifen- Benzyl 1% w/v(31% w/v EC) for total weed control in direct seeded rice, Misc.25	Department of Agronomy	6,50,000	445
98	5227	Evaluation of herbicide VPP72 60% WG for control of Phalaris minor and Broad leaf weeds (BLW's) in wheat for third season, Misc.26	Department of Agronomy	3,25,000	446
99	5228	Evaluation of herbicide ADM.05001.H.1.A against weed complex in wheat,Misc.27	Department of Agronomy	6,50,000	447
			<b>Total</b>	<b>15,88,14,460</b>	
100	1039.1-1039.2	Establishment of Department of Climate Change and Agricultural Meteorology, R&E-7	Department of Climate Change & Agricultural Meteorology	3,04,48,000	18-19
101	2038	All India Coordinated Research Project on Agro Meteorology, ICAR-29	Department of Climate Change & Agricultural Meteorology	1,48,91,000	290
102	6001	Integrated Agro Advisory Services at PAU Ludhiana (Gramin Krishi Mausam Sewa), CSS-1	Department of Climate Change & Agricultural Meteorology	41,60,000	361
103	6068	Forecasting Agricultural output using space, Agro meteorology and land based observations (FASAL), CSS-2	Department of Climate Change & Agricultural Meteorology	6,67,200	362
			<b>Total</b>	<b>5,01,66,200</b>	
104	1040.1-1040.3	Establishment of Department of Extension Education, R&E-8	Department of Extension Education	4,76,87,000	20-22
			<b>Total</b>	<b>4,76,87,000</b>	
105	1041.1-1041.3	Establishment of Department of Plant Pathology, R&E-9	Department of Plant Pathology	7,60,42,500	23-26
106	3092	Production and distribution of Bio agents for control of various Plant diseases. R&E-126	Department of Plant Pathology	50,000	251
107	5102	Bio-efficacy evaluation of IIF-1516 against sheath blight , false smut and blast disease of rice for two seasons,Misc.28	Department of Plant Pathology	4,00,363	448
108	5110	Bioefficacy evaluation of BIOMYCIN (Kasugamycin 3% SL) against early blight of potato,Misc.29	Department of Plant Pathology	1,00,317	449
109	5148	Bio-efficacy evaluation of biopesticide bacillus amiloliquefaciens against sheath blight of rice,Misc.30	Department of Plant Pathology	1,00,000	450
110	5169	Bio-efficacy evaluation of biofungicide IPF-FC-005(Trichoderma viride + Trichoderma Harzanium ) against wilt of Okra, Misc.31	Department of Plant Pathology	1,50,000	451
111	5180	Bio-efficacy evaluation of Fluopyram 400g/L (Velum Prime)SC against root knot nematodes of rice,Misc.32	Department of Plant Pathology	2,50,000	452
112	5186	Bio-efficacy evaluation of isotianil 200 G/L Trifloxystrobin 80 G/L FS (rountine start) against leaf blast of rice,Misc.33	Department of Plant Pathology	3,50,000	453
113	5187	Bio-efficacy evaluation of Tebuconazole 430 G/L SC against leaf/neck blast of rice,Misc.34	Department of Plant Pathology	3,50,000	454



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114	5189	Bio-efficacy evaluation of Isotianil 120 G/L + Trifloxystrobin 100 G/L SC against bacterial leaf blight & leaf/neck blast of rice, Misc.35	Department of Plant Pathology	7,50,000	455
115	5190	Bio-efficacy evaluation of propineb 70% WG against leaf/neck blast and brown leaf spot disease of rice, Misc.36	Department of Plant Pathology	7,50,000	456
116	5191	Bio-efficacy evaluation of Trifloxystrobin 500 G/L SC against dirty panicle of rice, Misc.37	Department of Plant Pathology	3,50,000	457
117	5216	Bio-efficacy and phytotoxicity evaluation of Kocide 3000 (copper hydroxide 46.1%) on potato through drone application, Misc.38	Department of Plant Pathology	2,00,000	458
118	5223	Bio-efficacy evaluation of IIF-222 against sheath blight, brown spot, false smut and grain discoloration of rice, Misc.39	Department of Plant Pathology	6,50,000	459
119	5224	Bio-efficacy and phytotoxicity evaluation of fungicides against yellow Rust, Rust and Powdery Mildew of wheat, Misc.40	Department of Plant Pathology	5,50,000	460
		<b>Total</b>		<b>8,10,43,180</b>	
120	1042.1-1042.2	Establishment of Department of Forestry & Natural Resources, R&E-10	Department of Forestry & Natural Resources	4,17,00,300	27-29
121	2040	All India Coordinated Research Project on Agro Forestry, ICAR-30	Department of Forestry & Natural Resources	1,02,33,000	291
122	4985	Conservation, improvement, management and promotion of sandalwood (Santalum album Lin) cultivation in India, Misc.65	Department of Forestry & Natural Resources	7,18,300	485
123	5100	Assessing potential of genetically improved casuarina germplasm for commercial cultivation in Punjab, Misc.66	Department of Forestry & Natural Resources	4,27,900	486
		<b>Total</b>		<b>5,30,79,500</b>	
124	1043.1-1043.3	Establishment of Department of Food Science & Technology, R&E-11	Department of Food Science & Technology	6,51,48,600	30-33
125	3048	Food Processing. R&E-84	Department of Food Science & Technology	2,75,000	200
126	6346	Valoriation and dissemination of galgal (Citrus pseudilimon Tan.) processing techniques for the sustainable livelihood of weaker sections of the society CSS-40	Department of Food Science & Technology	10,91,480	406
127	6373	Fund for Improvement of S&T Infrastructure (FIST) CSS-41	Department of Food Science & Technology	12,00,000	407
128	3112	Experiential Learning Programme (Food Technology), RF-11	Department of Food Science & Technology	5,00,000	518
129	3116	Production of value added convenience foods at PAU, Ludhiana, RF-15	Department of Food Science & Technology	5,00,000	522
		<b>Total</b>		<b>6,87,15,080</b>	
130	1044.1-1044.3	Establishment of Department of Floriculture & Landscaping, R&E-12	Department of Floriculture & Landscaping	1,96,83,000	34-35
131	3095	Establishment of Floriculture Research Farm. R&E-128	Department of Floriculture & Landscaping	6,60,000	253
132	2033	All India Coordinated Floriculture Improvement Project, ICAR-25	Department of Floriculture & Landscaping	1,10,49,000	286
		<b>Total</b>		<b>3,13,92,000</b>	
133	1058.1-1058.3	Establishment of College of Agricultural Engineering & Technology, R&E-13	College of Agricultural Engineering & Technology	5,39,85,600	36-39
134	4561	Manjeet S.Chinnan and Lata Mahajan Chinnan Endowment for promoting Excellence in Academics and Sports at PAU and establishing "Manjeet S.Chinnan distinguished Professor Chairs", Misc.70	College of Agricultural Engineering & Technology	2,47,000	490-491
135	3039	Self Financing Programme in College of Agricultural Engineering & Technology, SFS-04	College of Agricultural Engineering & Technology	7,20,000	506

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			<b>Total</b>	<b>5,49,52,600</b>	
136	1059.1	Establishment of Department of Civil Engineering, R&E-14	Department of Civil Engineering	2,37,19,100	40-41
			<b>Total</b>	<b>2,37,19,100</b>	
137	1060.1	Establishment of Department of Mechanical Engineering, R&E-15	Department of Mechanical Engineering	3,73,37,400	42-43
			<b>Total</b>	<b>3,73,37,400</b>	
138	1061.1	Establishment of Department of Electrical Engineering & Information Technology, R&E-16	Department of Electrical Engineering & Information Technology	3,64,17,400	44-45
139	1006	Maintenance of Local Area Network and PAU Website, R&E-70	Department of Electrical Engineering & Information Technology	10,35,000	178
140	3040	Self Financing Programme in School of Electrical Engineering & Information Technology, SFS-05	Department of Electrical Engineering & Information Technology	32,06,086	507
			<b>Total</b>	<b>4,06,58,486</b>	
141	1062.1-1062.3	Establishment of Department of Farm Machinery & Power Engineering, R&E-17	Department of Farm Machinery & Power Engineering	7,35,39,000	46-49
142	1076.2	Establishment of University Workshop, R&E-75	Department of Farm Machinery & Power Engineering	32,59,200	186-188
143	3049	Development & evaluation of Farm Machinery. R&E-85	Department of Farm Machinery & Power Engineering	24,00,000	201
144	2050	All India Coordinated Research Project on Ergonomics and Safety in Agriculture, ICAR-38	Department of Farm Machinery & Power Engineering	1,22,22,000	304
145	2051	All India Coordinated Research Project on Research and Development of Farm Implements & Machinery ... actual field conditions, ICAR-39	Department of Farm Machinery & Power Engineering	3,90,41,000	305-306
146	6358	FIST project (Level-2)" "FIST Engineering Sciences Level I, II or III CSS-43	Department of Farm Machinery & Power Engg.	2,00,000	409
			<b>Total</b>	<b>13,06,61,200</b>	
147	1063.1-1063.3	Establishment of Department of Processing & Food Engineering, R&E-18	Department of Processing & Food Engineering	4,84,65,600	50-53
148	2056	AICRP on Harvest and Post-Harvest Technology, ICAR-43	Department of Processing & Food Engineering	2,54,40,000	314-315
149	5122	Development of the Hermetic System for safe storage of Agriculture Produce without using Hazardous chemicals,Misc.62	Department of Processing & Food Engineering	1,81,000	482
150	5123	Development of Sensor platform for Rapid Detection of Adulteration in Turmeric Powder,Misc.63	Department of Processing & Food Engineering	95,100	483
151	5138	Resource institution for Capacity Building & Research under Prime Minister Formalization of Micro Food Enterprises in the State of Punjab,Misc.64	Department of Processing & Food Engineering	4,00,000	484
152	3111	Processing and Sale of Agricultural Produce, RF-10	Department of Processing & Food Engineering	8,00,000	517
			<b>Total</b>	<b>7,53,81,700</b>	
153	1064.2	Establishment of Department of Energy Studies for Agriculture, R&E-19	Department of Renewable Energy Engineering	2,13,47,600	54-55
154	2055.1 to 2055.6	All India Coordinated Research Project on Renewable Energy Sources for Agricultural & Agro based Industries, ICAR-42	Department of Renewable Energy Engineering	3,26,97,000	310-313
155	6374	Research and development on biomass properties/characteristics (Activity: 20 & 30) CSS-47	Department of Renewable Energy Engineering	16,67,000	413
156	3102	Promoting and Popularizing PAU Appliances based on utilization for Solar Energy, RF-05	Department of Renewable Energy Engineering	1,50,000	512

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			<b>Total</b>	<b>5,58,61,600</b>	
157	1065.1-1065.3	Establishment of Department of Soil & Water Engineering, R&E-20	Department of Soil & Water Engineering	5,05,27,400	56-58
158	2053	AICRP on application of Plastic in Agriculture, ICAR-40	Department of Soil & Water Engineering	1,07,80,000	307
159	2287	AICRP on Irrigation Water Management (AICRP on IWM) Ludhiana Part-A and Bathinda Part-B, ICAR-41	Department of Soil & Water Engineering	2,50,40,000	308-309
160	6354	Establishment of field stations for measuring ET and Soil Moisture under National Hydrology Project (NHP) CSS-46	Department of Soil & Water Engineering	7,14,000	412
161	3117	Sale of Agricultural Produce, RF-16	Department of Soil & Water Engineering	3,00,000	523
			<b>Total</b>	<b>8,73,61,400</b>	
162	1048.1	Establishment of College of Basic Science & Humanities, R&E-21	College of Basic Sciences & Humanities	3,33,68,200	59-60
163	3020	Writing of Manuals, Text Books & other relevant instructional material for students. R&E-106	College of Basic Sciences & Humanities	2,20,000	231
164	3037	Self Financing Programme in College of Basic Sciences & Humanities, SFS-02	College of Basic Sciences & Humanities	1,75,00,000	504
			<b>Total</b>	<b>5,10,88,200</b>	
165	1049.1-1049.2	Establishment of Department of Biochemistry, R&E-22	Department of Biochemistry	4,72,22,700	61-63
			<b>Total</b>	<b>4,72,22,700</b>	
166	1050.1-1050.2	Establishment of Department of Botany, R&E-23	Department of Botany	3,77,27,300	64-66
			<b>Total</b>	<b>3,77,27,300</b>	
167	1051.1-1051.2	Establishment of Department of Chemistry, R&E-24	Department of Chemistry	2,90,13,100	67-68
			<b>Total</b>	<b>2,90,13,100</b>	
168	1052.1-1052.2.3	Establishment of Department of Microbiology, R&E-25	Department of Microbiology	4,32,78,100	69-72
169	3047	Strengthening of mushroom production bio-fertilizers & food /water/milk evaluation facilities, R&E-83	Department of Microbiology	27,89,000	199
170	2046	All India Coordinated Mushroom Improvement Project, ICAR-35	Department of Microbiology	65,75,000	296
			<b>Total</b>	<b>5,26,42,100</b>	
171	1053.1	Establishment of Department of Agricultural Jism., Langs. & Culture, R&E-26	Department of Agricultural Journalism Language & Culture	3,09,16,400	73-74
			<b>Total</b>	<b>3,09,16,400</b>	
172	1054.1-1054.3	Establishment of Department of Economics & Sociology, R&E-27	Department of Economics & Sociology	6,28,98,300	75-78
173	1085	Agricultural Marketing Innovation Research & Intelligence Centre with PAU, R&E-129	Department of Economics & Sociology	1,72,30,400	254-255
174	1087	Agricultural Marketing Innovation Research & Intelligence Centre with PAU (Non Salary), R&E-131	Department of Economics & Sociology	3,20,00,000	257
175	2641	Ecosystems, Agribusiness and Institutions Component: Impact Assessment of Agricultural Technology, ICAR-52	Department of Economics & Sociology	9,95,000	324
176	6003	Establishment of Agro Economic Research Centre at PAU Ludhiana CSS-28	Department of Economics & Sociology	2,25,00,000	394
177	6004	Comprehensive scheme for studying cost of Cultivation of Principal crops in Punjab CSS-29	Department of Economics & Sociology	3,95,00,000	395
178	4007	Strengthening of Agricultural Marketing Research in the Deptt. of Eco. & Soc., Misc.7	Department of Economics & Sociology	1,46,00,000	427
			<b>Total</b>	<b>18,97,23,700</b>	
179	1055.1-1055.2	Establishment of Department of Mathematics Statistics & Physics, R&E-28	Department of Mathematics Statistics & Physics	4,44,61,500	79-80

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			<b>Total</b>	<b>4,44,61,500</b>	
180	1056.1-1056.2	Establishment of Department of Zoology, R&E-29	Department of Zoology	2,38,15,600	81-82
181	2291	All India Network Project on Vertebrate Pest Management (Part A Rodent Control Part B Agril Ornithology), ICAR-36	Department of Zoology	1,79,43,000	297-298
182	6389	Evaluation of yeast-encapsulated essential oil based biolarvicide formulation(s) for management of Aedes aegypti mosquito CSS-39	Department of Zoology	6,72,672	405
183	5166	Evaluation of Brodifacoum 0.005% BB on rice and sugarcane,Misc.68	Department of Zoology	50,000	488
			<b>Total</b>	<b>4,24,81,272</b>	
184	1057.1-1057.2	Establishment of Department of Business Management, R&E-30	School of Business Studies	3,93,47,500	83-84
			<b>Total</b>	<b>3,93,47,500</b>	
185	1066.1-1066.3	Establishment of College of Home Science, R&E-31	College of Community Science	18,11,38,000	85-89
186	3038	Self Financing Programme in College of Community Science, SFS-03	College of Community Science	76,66,000	505
187	3097	Experiential Learning in College of Home Science, RF-01	College of Community Science	5,85,000	508
			<b>Total</b>	<b>18,93,89,000</b>	
188	1069.1	PAU Model High School, Kaoni, R&E-32	PAU Model High School, Kaoni	1,17,03,200	90
			<b>Total</b>	<b>1,17,03,200</b>	
189	1072.2	i) State share in All India Coord. Research Projects and other schemes on sharing basis. ii) State share on account of personal promotion in ICAR and other schemes. iii) State share for works/R.O.C. financed by ICAR and other agencies, R&E-33	Comptroller PAU	16,50,00,000	91
190	1001	University Administration, R&E-66.A	Comptroller PAU	23,64,55,100	161-166
191	1001.1	Provision for retiral benefits etc. R&E-66.B	Comptroller PAU	269,90,00,000	167
192	4238	Institutional charges for CAU's office,Misc.5	Comptroller PAU	17,00,000	425
193	4715	Facilitating effective functioning at PAU, Misc.8	Comptroller PAU	6,00,00,000	428
194	4268	Strengthening of research, teaching & extension education activities.,Misc.9	Comptroller PAU	5,00,00,000	429
195	4914	PAU Suspense Scheme of Store Purchase Organization, Misc.14	Comptroller PAU	10,00,00,000	434
			<b>Total</b>	<b>331,21,55,100</b>	
196	1007.2	Establishment of Directorate of Research, R&E-34	Director of Research	6,50,59,700	92-93
197	1084	Strengthening of Agricultural Research, R&E-78	Director of Research	1,55,00,000	194
198	4001	Training of the PAU faculty members in new technologies,Misc.1	Director of Research	25,00,000	421
199	4889	Advance training of PAU faculty members in new technologies,Misc.2	Director of Research	40,00,000	422
200	4004	POL expenses for the Pooled vehicles and recoupment thereof,Misc.4	Director of Research	30,00,000	424
201	4006	Emergent establishment charges for Directorate of Research,Misc.6	Director of Research	45,00,000	426
			<b>Total</b>	<b>9,45,59,700</b>	
202	1008.2	Research on Seed Production and safe storage of vegetable seeds, R&E-35	Director (Seeds)	1,74,51,700	94-95
203	3062	Management of Revolving Fund Seed Farms through Central Unit at Ludhiana. R&E-98	Director (Seeds)	93,63,400	223
204	2017.1 to 2017.2	Breeder Seed Production under National Seed Project Ludhiana/Naraingarh Centre, ICAR-17	Director (Seeds)	1,73,14,000	277
			<b>Total</b>	<b>4,41,29,100</b>	

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205	1009.2	Development and Management at Agricultural farms, R&E-36	Director (Farm)	3,14,57,100	96-97
			<b>Total</b>	<b>3,14,57,100</b>	
206	1010.2	Application of Biotechnology in crop improvements, R&E-37	School of Agricultural Biotechnology	4,87,37,100	98-99
207	1088	Establishment of Gurdev Singh Khush Institute of Genetics, Plant Breeding and Biotechnology, R&E-79	School of Agricultural Biotechnology	14,00,000	195
208	3043	Tissue Culture Propagated Nursery School of Agricultural Biotechnology, R&E-132	School of Agricultural Biotechnology	8,50,300	258
209	6303	Development of low lignin mutants of sugarcane through mutagenesis and genome editing approach CSS-3	School of Agricultural Biotechnology	7,09,333	363
210	6350	Development of enhanced shelf life tomato mutants through genome editing approach CSS-4	School of Agricultural Biotechnology	11,17,000	364
211	6309	Strengthening of Post Graduate Teaching and Research facilities in the department CSS-5	School of Agricultural Biotechnology	6,00,000	365
212	6393	The INSPIRE Faculty Fellowship to Dr. Sandeep, Punjab Agricultural University, Ludhiana CSS-6	School of Agricultural Biotechnology	22,12,734	366
213	6322	Mapping of phytophthora resistance in intergeneric rootstock populations and development of improved rootstock in Citrus CSS-7	School of Agricultural Biotechnology	2,58,430	367
214	6343	DBT Postgraduate Teaching program: M.Sc. Biotechnology at Punjab Agricultural University, Ludhiana CSS-8	School of Agricultural Biotechnology	31,90,000	368
215	6352	Application of Bioinformatics and Computational Biology in Agriculture-BIC at Punjab Agricultural University, Ludhiana CSS-9	School of Agricultural Biotechnology	34,54,992	369
216	6359	Development of resistant starch potato using nanomaterial mediated genome editing technology CSS-10	School of Agricultural Biotechnology	15,13,040	370
217	6361	Elucidating the Genetic Architecture of tillering in wheat through CRISPR/CAS based editing of Ideal Plant Architecture gene (IPAI) and Teosinte Branched I(TBI) CSS-11	School of Agricultural Biotechnology	19,29,920	371
218	6387	Genome-wide introgression of tetraploid non-progenitor Aegilops peregrina (UUSS) in hexaploidy wheat background and mapping of multiple disease resistance CSS-12	School of Agricultural Biotechnology	31,51,328	372
219	6345	Molecular mapping and transfer of parthenocarp trait in desi cucumber (Cucumis Sativus L.) CSS-13	School of Agricultural Biotechnology	9,28,592	373
220	6367	Development of SNP marker-based panel affordable to breeders for the traits improving germination of rice from deep sowing depth under direct seeded cultivation conditions CSS-14	School of Agricultural Biotechnology	6,00,000	374
221	6395	CRISPR/Cas9 based gene editing of A-Gliadins to reduce Coeliac disease epitomes in tetraploid wheat-National Post-Doctoral Fellowship to Dr. Aman Kumar, Punjab Agricultural University, Ludhiana CSS-15	School of Agricultural Biotechnology	10,65,600	375
222	6372	Centre of Excellence - Development and Integration of Advanced Genomic technologies for Targeted Breeding CSS-27	G.S. Khush Institute of Genetics, Plant Breeding and Biotechnology	5,82,59,360	390-393

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223	5539	Genetic transformation of PAP1 gene in American cotton accessories coker 312 and PAU Bt 1 for developing colored cotton, Misc(FC-8)	School of Agricultural Biotechnology	29,67,456	500-501
224	3114	Entrepreneurship development in Commercial Plant Tissue Culture, RF-13	School of Agricultural Biotechnology	12,00,000	520
225	3118	Commercial Plant Tissue Culture, RF-17	School of Agricultural Biotechnology	10,57,000	524
			<b>Total</b>	<b>13,52,02,185</b>	
226	1011.3	Establishment of Directorate of Extension Education, R&E-38	Director Extension Education	3,27,03,400	100-101
227	1012.3	Farm Advisory Service Scheme, R&E-39	Director Extension Education	5,32,27,600	102-103
228	1014.3	Centre for Training in-service Extension Personnels Farmers & Farm-women at Kairon Kisan Ghar, R&E-41	Director Extension Education	3,55,85,000	106-108
229	3093	Organization of KisanMelas at PAU Campus & Outstations, R&E-127	Director Extension Education	1,30,00,000	252
230	4352	Emergent establishment charges for Directorate of Extension Education,Misc.10	Director Extension Education	28,125	430
231	4489	Strengthening of Directorate of Extension Education,Misc.11	Director Extension Education	18,35,000	431
232	4582	Research & Eextension specialists workshop for Rabi and Kharif crops,Misc.12	Director Extension Education	1,50,000	432
233	4064	Training camp on maintenance of Tractor & Resource persons, Misc.13	Director Extension Education	1,41,754	433
234	4089	Research & Extension Specialists Workshop for Horticulture,NHM-1	Director Extension Education	5,00,000	419
			<b>Total</b>	<b>13,71,70,879</b>	
235	1013.3	Vocational Agricultural Training School at Gurdaspur, R&E-40	KVK Gurdaspur	0	104-105
			<b>Total</b>	<b>0</b>	
236	1083.1	Establishment of College of Horticulture & Forestry, R&E-42	College Of Horticulture & Forestry	2,09,31,500	109-110
			<b>Total</b>	<b>2,09,31,500</b>	
237	1031.2	Breeding sugarcane for yield quality and resistance to diseases, R&E-48	Regional Station Kapurthala	2,57,81,500	117-118
238	3057	University Seed Farm Kapurthala. R&E-93	Regional Station Kapurthala	2,04,35,100	214-215
239	2013	AICRP on Sugarcane ICAR-13	Regional Station Kapurthala	85,80,000	273
240	5132	Bioefficacy, phytotoxicity evaluation of rallis new granular insecticide pre-mixture, RIL-281/CF(1% Gr) against early shoot borer and white grub in sugarcane,Misc.69	Regional Station, Kapurthala	3,10,000	489
			<b>Total</b>	<b>5,51,06,600</b>	
241	3045	Testing of soil water Plant and other biological material, R&E-81	Department of Soil Science	10,00,000	197
			<b>Total</b>	<b>10,00,000</b>	
242	1046.1-1046.3	Establishment of Department of Vegetable Science, R&E-55	Department of Vegetable Science	8,18,60,200	134-136
243	1082.2	Establishment of Vegetable Research Farm Khanaura (Hoshiarpur). R&E-60	Department of Vegetable Science	50,92,200	150
244	2034	All India Coordinated Vegetable Improvement Project and NSP, ICAR-26	Department of Vegetable Science	2,63,40,000	287
245	2147	All India Network Research Project on Onion and Garlic, ICAR-49	Department of Vegetable Science	12,15,000	321
246	2329	Collaborative Research Project on Agri-Biodiversity on Okra, ICAR-50	Department of Vegetable Science	5,00,000	322
247	6365	Molecular mapping of fertility restorer gene in brinjal (Solanum melongena L.) CSS-34	Department of Vegetable Science	8,81,520	400
248	6366	Identification and characterization of gene(s) responsible for pre-mature bolting in tropical onion grown in India CSS-35	Department of Vegetable Science	14,16,340	401



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249	6390	Molecular mapping of root knot nematode resistance gene(s) introgressed from S. torvum in brinjal (S. melongena) CSS-36	Vegetable Science & School of Agricultural Biotechnology	17,91,304	402
250	6371	Molecular mapping and transfer of jassid resistance in Okra Abelmoschus esculentus (L.) Moench CSS-37	Department of Vegetable Science	26,14,304	403
251	6363	Phenotyping and Molecular Characterization of Snapmelon germplasm against Fusarium wilt resistance for development of mapping population in Muskmelon (Cucumis melo L.) CSS-38	Department of Vegetable Science	7,88,532	404
252	3101	Sale of Seedlings of Vegetable Crops, RF-04	Department of Vegetable Science	12,50,000	511
			<b>Total</b>	<b>12,37,49,400</b>	
253	1047.1-1047.3	Establishment of Department of Fruit Science R&E-56	Department of Fruit Science	10,06,59,600	137-140
254	3041	Fruit Plant Nursery,R&E-80	Department of Fruit Science	95,82,700	196
255	2266	All India Coordinated Research Project on fruits, ICAR-24 (Ludhiana & Abohar Centre)	Department of Fruit Science	2,33,18,000	284-285
256	6334	Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) CSS-42	Department of Fruit Science	7,00,000	408
257	5236	Bioefficacy evaluation of spirotetramat 15.31% w/w OD against mealybugs and mite in grapes,Misc.67	Department of Fruit Science	4,60,000	487
258	3098	Sale of PAU Fruit Fly Traps, RF-02	Department of Fruit Science	17,15,000	509
259	5232	Frontline demonstrations on “Paddy straw mulching and eco friendly technologies for guava production”,NHM-2	Department of Fruit Science	7,00,000	420
			<b>Total</b>	<b>13,71,35,300</b>	
260	1067.2	Establishment of Regional Research Station Abohar, R&E-57	Regional Station Abohar	4,28,85,600	141-142
261	3054	Regional Research Station Abohar. R&E-90	Regional Station Abohar	57,24,500	209
262	3008	Seed Production in field crops, R&E-107	Regional Station Abohar	29,10,000	232
263	2029	All India Coordinated Research Project on Arid fruits (Dates) – Abohar Centre , ICAR-23	Regional Station Abohar	53,23,000	283
			<b>Total</b>	<b>5,68,43,100</b>	
264	1068.2	Establishment of Regional Station Bathinda R&E-58	Regional Station Bathinda	8,99,38,200	143-145
265	1078.1	Establishment of Institute of Agriculture at Regional Research Station Bathinda, R&E-64	Regional Station Bathinda	37,63,400	158
266	3053	Regional Research Station Bathinda. R&E-89	Regional Station Bathinda	85,68,000	207-208
267	6002	Integrated Agro Advisory Services at Bathinda Renamed as ‘Gramin Krishi Mausam Sewa CSS-51	Regional Research Station Bathinda	22,15,000	417
268	3103	Food Processing and Business Incubation Centre at Regional Station Bathinda, RF-06	Regional Station Bathinda	5,00,000	513
269	3113	Production of fruits, vegetables and nursery seedlings under brackish water Projects at Regional Station Bathinda, RF-12	Regional Station Bathinda	6,00,000	519
			<b>Total</b>	<b>10,55,84,600</b>	
270	1070.2	Establishment of Regional Station BallawalSaunkhri, R&E-59	Regional Station Ballawal Saunkhri	2,98,24,000	146-149
271	3050	Regional Research Station for Kandi Area BallawalSaunkhri, R&E-86	Regional Station Ballawal Saunkhri	14,80,000	202
272	1086	Establishment of New College of Agriculture at Ballawal Saunkhri (PAU), SBS Nagar. R&E-130	Regional Station Ballawal Saunkhri	13,93,40,000	256
273	2027	All India Coord Res Project on Dryland Agriculture, ICAR-22	Regional Station Ballawal Saunkhri	1,84,01,000	282

Department Wise Index of All Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
274	6348	Evaluation of climate resilient high yielding farmers' developed crop varieties incubated by NIF in Kandi region of Punjab under different hydrothermal regimes CSS-48	Regional Station Ballawal Saunkhri	1,15,280	414
275	6037	Integrated Agro Advisory Services at Agromet Field Unit, Ballawal Saunkhri (renamed Gramin Krishi Mausam Sewa) CSS-49	Regional Station Ballawal Saunkhri	16,90,776	415
			<b>Total</b>	<b>19,08,51,056</b>	
276	1073.2	Establishment of Regional Station Gurdaspur, R&E-61	Regional Station Gurdaspur	5,70,65,700	151-153
277	3051	Regional Research Station Gurdaspur, R&E-87	Regional Station Gurdaspur	1,08,83,800	203-204
278	2014	AICRP on Sugarcane – Gurdaspur Centre ICAR-14	Regional Station Gurdaspur	79,11,000	274
279	6058	AAS Unit (under PAU) at Gurdaspur CSS-52	Regional Research Station Gurdaspur	31,00,400	418
			<b>Total</b>	<b>7,89,60,900</b>	
280	1074.2	Establishment of Regional Station Faridkot, R&E-62	Regional Station Faridkot	4,36,56,400	154-155
281	3052	Raja Harinder Singh Seed Farm Faridkot, R&E-88	Regional Station Faridkot	6,23,20,500	205-206
282	3063	Seed production of improved varieties/hybrids of cotton pulses and sugarcane. R&E-99	Regional Station Faridkot	12,80,000	224
283	6036	Gramin Krishi Mausam Sewa at Agromet Field Unit, Faridkot CSS-50	Regional Research Station Faridkot	25,95,000	416
			<b>Total</b>	<b>10,98,51,900</b>	
284	1075.1	Institute of Agriculture at Gurdaspur, R&E-63	Institute of Agriculture Gurdaspur	1,74,90,000	156-157
			<b>Total</b>	<b>1,74,90,000</b>	
285	3096	Establishment of School of Organic Farming. R&E-65	School of Organic Farming	2,00,27,000	159-160
286	3042	Nursery production of forest trees medicinal aromatic and spice crops, R&E-100	School of Organic Farming	19,62,800	225
287	2036	AICRP – Integrated Farming System Approach, ICAR-28	School of Organic Farming	1,71,87,000	289
288	2037	Network project on organic farming, ICAR-51	School of Organic Farming	11,36,520	323
289	5155	Evaluation of Dharti Ka Chowkidar and Jaivik Kranti in transplanted rice, Misc.41	School of Organic Farming	3,00,000	461
290	5177	Evaluation of Mifco green Kranti (Organic fertilizer) in Basmati rice, Misc.42	School of Organic Farming	1,50,000	462
291	5193	Evaluation of AGMA-Foliar (Brand Name : Kazuki Gold) in transplanted rice, Misc.43	School of Organic Farming	1,50,000	463
292	5194	Evaluation of fermented organic manure (FOM) in potato, Misc.44	School of Organic Farming	1,50,000	464
293	5195	Response of transplanted rice to Agrama Biostimulant Granule (k Max Super), Misc.45	School of Organic Farming	1,50,000	465
294	5218	Evaluation of all rounder plus decomposer for rice residue management in wheat, Misc. 46	School of Organic Farming	1,50,000	466
295	5230	Evaluation of fermented organic manure in summer moong, Misc.47	School of Organic Farming	1,50,000	467
296	3107	Integrated Farming System, RF-9	School of Organic Farming	12,00,000	516
			<b>Total</b>	<b>4,27,13,320</b>	
297	1018.1	Expansion and Improvement of Library services at M. S. Randhawa Library, R&E-71	University Library	5,92,91,500	179-180
298	1019.1	Expansion & Improvement of Library Services at PAU Outstations, R&E-72	University Library	2,20,000	181
			<b>Total</b>	<b>5,95,11,500</b>	
299	1020.1	National Sports Organisation & Cultural Activities, R&E-73	Director Students' Welfare	6,18,08,500	182-183

Department Wise Index of All Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
300	1021	Strengthening of Students' Welfare Activities and Development of Hostel Affairs, R&E-74	Director Students' Welfare	4,02,89,100	184-185
301	4002	National Service Scheme, Misc.71	Director Student's Welfare	4,46,600	492
			<b>Total</b>	<b>10,25,44,200</b>	
302	1002	Establishment of Estate Organization and Engineering Unit, R&E-67	Estate Office	15,61,84,000	168-172
303	1004.1-1004.2	Construction and Maintenance of buildings/ residential quarters at PAU Campus/ Outstations, R&E-68	Estate Office	10,52,10,300	173-175
304	1005	Establishment of Landscape Section, R&E-69	Estate Office	3,66,43,500	176-177
305	3001	Development of Ornamental Plants Nursery. R&E-101	Estate Office	16,50,000	226
			<b>Total</b>	<b>29,96,87,800</b>	
306	1016.3	Establishment of Communication Centre, R&E-76	Additional Director Communication	4,08,99,900	189-191
307	1017.3	University Press, R&E-77	Additional Director Communication	40,34,900	192-193
308	3005	Punjab Agricultural University Publications. R&E-104	Additional Director Communication	1,33,10,000	229
309	3006	Social History Museum Fund Scheme. R&E-105	Additional Director Communication	1,10,000	230
			<b>Total</b>	<b>5,83,54,800</b>	
310	3055	University Seed Farm Naraingarh, R&E-91	USF Naraingarh	4,20,00,700	210-211
			<b>Total</b>	<b>4,20,00,700</b>	
311	3056	University Seed Farm Nabha, R&E-92	USF Nabha	5,04,84,500	212-213
			<b>Total</b>	<b>5,04,84,500</b>	
312	3058	University Seed Farm Ladhwal. Seed Production of Field Crops & Vegetable Crops. R&E-94	USF Ladhwal	7,55,16,700	216-217
			<b>Total</b>	<b>7,55,16,700</b>	
313	3059	Fruit Plant Nursery and Orchard Management. R&E-95	FRS Gangian	1,45,17,100	218-219
			<b>Total</b>	<b>1,45,17,100</b>	
314	3060	Fruit Plant Nursery & Orchard Management Regional Research Station Bahadurgarh (Patiala). R&E-96	Regional Station Bahadurgarh	1,33,35,800	220-221
			<b>Total</b>	<b>1,33,35,800</b>	
315	3061	Strengthening of Seed Production Programme at RRS Kheri. R&E-97	Regional Station Kheri	57,47,000	222
			<b>Total</b>	<b>57,47,000</b>	
316	3002	Nursery Classes in Child Development. R&E-102	Human Development & Family Studies	4,60,000	227
317	4003	Running of Lab. Day Care Centre, Misc.3	Human Development & Family Studies	15,60,000	423
			<b>Total</b>	<b>20,20,000</b>	
318	3003	Conduct of Entrance Examination for various academic programmes, R&E-103	Controller of Examination	1,06,10,000	228
			<b>Total</b>	<b>1,06,10,000</b>	
319	3010	Seed Production at Krishi Vigyan Kendra Gurdaspur R&E-108	KVK Gurdaspur	13,00,000	233
320	2071	Establishment of KVK at Gurdaspur, ICAR-58	KVK Gurdaspur	2,68,30,000	335-336
			<b>Total</b>	<b>2,81,30,000</b>	
321	3011	Seed Production at KVK Ferozpur. R&E-109	KVK Ferozpur	17,60,000	234
322	2057	Establishment of KVK at Ferozepur, ICAR-53	KVK Ferozpur	1,94,24,000	325-326
			<b>Total</b>	<b>2,11,84,000</b>	
323	3012	Seed Production at KVK Kapurthala. R&E-110	KVK Kapurthala	17,60,000	235
324	2059	Establishment of KVK at Kapurthala, ICAR-55	KVK Kapurthala	2,61,50,000	329-330

Department Wise Index of All Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
			<b>Total</b>	<b>2,79,10,000</b>	
325	3013	Seed Production at KVK Bathinda. R&E-111	KVK Bathinda	11,00,000	236
326	2058	Establishment of KVK at Bathinda, ICAR-59	KVK Bathinda	3,07,00,000	337-338
			<b>Total</b>	<b>3,18,00,000</b>	
327	3014	Seed Production at KVK Rauni (Patiala). R&E-112	KVK Rauni	20,00,000	237
328	2061	Establishment of KVK at Patiala, ICAR-57	KVK Patiala	2,65,43,000	333-334
			<b>Total</b>	<b>2,85,43,000</b>	
329	3015	Seed Production at KVK Bahawal (Hoshiarpur) R&E-113	KVK Bahawal	11,00,000	238
330	2060	Establishment of KVK at Bahawal, ICAR-56	KVK Bahawal	2,17,00,000	331-332
			<b>Total</b>	<b>2,28,00,000</b>	
331	3016	Seed Production at KVK Langroya. (ShaheedBhagat Singh Nagar). R&E-114	KVK Langroya	20,00,000	239
332	2062	Establishment of KVK at Langroya, ICAR-54	KVK Langroya	2,20,00,000	327-328
			<b>Total</b>	<b>2,40,00,000</b>	
333	3017	Seed Production at KVK Kheri (Sangrur). R&E-115	KVK Kheri (Sangrur)	18,00,000	240
334	2063	Establishment of KVK at Kheri (Sangrur), ICAR-60	KVK Kheri (Sangrur)	2,49,68,000	339-340
			<b>Total</b>	<b>2,67,68,000</b>	
335	3018	Seed Production at KVK Faridkot. R&E-116	KVK Faridkot	8,15,300	241
336	2064	Establishment of KVK at Faridkot, ICAR-61	KVK Faridkot	2,57,00,000	341-342
			<b>Total</b>	<b>2,65,15,300</b>	
337	3025	Seed Production at KVK Ropar. R&E-117	KVK Ropar	11,00,000	242
338	2065	Establishment of KVK at Ropar, ICAR-62	KVK Ropar	2,35,40,000	343-344
			<b>Total</b>	<b>2,46,40,000</b>	
339	3026	Seed Production at KVK Fatehgarh Sahib. R&E-118	KVK Fatehgarh Sahib	8,80,000	243
340	2067	Establishment of KVK at Fatehgarh Sahib, ICAR-66	KVK Fatehgarh Sahib	2,27,00,000	351-352
			<b>Total</b>	<b>2,35,80,000</b>	
341	3027	Seed Production at KVK Goneana (Mukatsar).R&E-119	KVK Goneana	34,50,000	244
342	2068	Establishment of KVK at Goniana (Mukatsar), ICAR-63	KVK Goneana	2,51,00,000	345-346
			<b>Total</b>	<b>2,85,50,000</b>	
343	3028	Seed Production at KVK Naag Kalan (Amritsar). R&E-120	KVK Naag Kalan	6,00,000	245
			<b>Total</b>	<b>6,00,000</b>	
344	3029	Seed Production at KVK Budh Singh Wala (Moga) R&E-121	KVK Budhsinghwala (Moga)	12,00,000	246
345	2070	Establishment of KVK at Budhsinghwala Wala (Moga), ICAR-67	KVK Budhsinghwala (Moga)	2,40,23,000	353-354
			<b>Total</b>	<b>2,52,23,000</b>	
346	3030	Seed Production Programme at KVK Samrala.R&E-122	KVK Samrala	17,60,000	247
347	2069	Establishment of KVK at Samrala (Ludhiana), ICAR-65	KVK Samrala	2,10,00,000	349-350
			<b>Total</b>	<b>2,27,60,000</b>	
348	3033	Seed Production at KVK Uppal Jagir Nurmahal Jalandhar, R&E-123	KVK Nurmahal	17,60,000	248
349	2072	Establishment of KVK at Uppal Jagir (Noormahal), ICAR-68	KVK Nurmahal	2,43,00,000	355-356
			<b>Total</b>	<b>2,60,60,000</b>	
350	3034	Seed Production at KVK KhokharKhurd Mansa. R&E-124	KVK Khokhar Khurd Mansa	8,80,000	249
351	2073	Establishment of KVK at Khokhar Khurd (Mansa), ICAR-69	KVK Khokhar Khurd Mansa	1,90,00,000	357-358
			<b>Total</b>	<b>1,98,80,000</b>	

Department Wise Index of All Schemes					
Sr. No	Project Code	Name Of the Scheme	Department Name	Budget Estimate	Page No.
352	2049.1 to 2049.5	All India Coordinated Research Project on Home Science, ICAR-37	Family Resource Management	2,58,09,000	299-303
			<b>Total</b>	<b>2,58,09,000</b>	
353	2066	Establishment of KVK at Usman (Amritsar), ICAR-64	KVK Usman (Amritsar)	2,42,10,000	347-348
			<b>Total</b>	<b>2,42,10,000</b>	
354	2428	Establishment of KVK at Pathankot, ICAR-70	KVK Pathankot	1,90,94,000	359-360
355	3099	Seed Production at Pathankot, RF-03	KVK Pathankot	15,00,000	510
			<b>Total</b>	<b>2,05,94,000</b>	
356	3105	Establishment of University Seed Farm, Usman, Tarn Taran, RF-8	USF Usman	1,37,95,000	515
			<b>Total</b>	<b>1,37,95,000</b>	
357	3104	Research Station, Dyal Bhadang, Amritsar, RF-07	Regional Station Dyal Bhadang	63,00,000	514
			<b>Total</b>	<b>63,00,000</b>	
358	2006.1 to 2006.2	All India Coord. Cotton Improvement Project ICAR-6 Part A (Bathinda Centre) Part B (Faridkot Centre)	Regional Station Bathinda, Regional Station Faridkot	2,87,58,000	265-266
			<b>Total</b>	<b>2,87,58,000</b>	
			<b>Grand Total</b>	<b>879,58,58,995</b>	

**RESEARCH & EDUCATION SCHEME NO. 1 (PC-1022.1)**

<b>Name of the Scheme</b>	<b>Establishment of Dean Post Graduate Studies.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,88,15,700/-</b>
<b>Year of Start</b>	1966-67
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Dean, Post Graduate Studies, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1022.1) (Controlling Officer: Dean, PGS)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Dean (PGS)</b> in Rs. 37400-67000+ AGP 10000+ 1000 SA <b>Vacant</b>
	<b>One Assistant Professor (Education)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
●	<b>Pay of Establishment</b>
	<b>One Admn-cum-Accounts Officer</b> in Rs. 15600-39100+ GP 5400+ 1200 SA (Both for direct and promote) <b>Filled</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Three Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-3</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-1; Vacant-1</b>
	<b>One Programmer</b> in Rs. 15600-39100+ GP 5400 <b>Vacant</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled</b>
	<b>Four Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200+240 SA/ 3600+ 300 SA (50:50) respectively <b>Filled-1; Vacant-3</b>
	<b>One Driver</b> in Rs.5910-20200+ GP 2400+ 1400 SA <b>Filled</b>
	<b>Four Messenger</b> in Rs.4900-10680+ GP 1650 <b>Filled-4</b>
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200 + GP 1900 <b>Vacant</b>



<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	1,81,85,700
<b>II.</b>	<b>Revenue Expenditure</b>	
	Traveling Allowance	20,000
	Wages	20,000
	Office Contingency	50,000
	Recurring Contingency	40,000
	Travel Grant for faculty	5,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,88,15,700</b>

**RESEARCH & EDUCATION SCHEME NO. 2 (PC-1023.1)**

<b>Name of the Scheme</b>	<b>Establishment of Dean College of Agriculture.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,63,08,100/-</b>
<b>Year of Start</b>	1949
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Dean, College of Agriculture, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1023.1)(Controlling Officer: Dean, COA)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Dean</b> in Rs. 37400-67000+ AGP 10000+ 1000 SA <b>Vacant</b>
	<b>One Associate Director (Information Technology)</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b> (PP for Dr. O.P. Gupta)
	<b>Three Assistant Professor (Livestock Production Technology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1 (For PBG); Vacant-2 (HIA)</b>
	<b>One Assistant Professor (Agricultural Education)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
<b>• Pay of Establishment</b>	
	<b>One Accounts Officer</b> in Rs.15600-39100+ GP 7600+ 1200 SA <b>Filled</b>
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Ten Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-8; Vacant-2 (2 HIA)</b>
	<b>Four Senior Scale Stenographers</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-1; Vacant-3 (1 Surplus)</b>
	<b>Three Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant-3 (1 Surplus)</b>
	<b>Twelve Clerks/ Jr. Assistants</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-11 (2 HIA) (2 Surplus)</b>
	<b>One Jr. Library Assistant</b> in Rs. 10300-34800+ GP 3600 <b>Vacant</b>
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>

	<b>One Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Jr. Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs.10300-34800+ GP 3200+ SA 1000 <b>Vacant</b>
	<b>One Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Vacant</b>
	<b>Two Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant-2</b>
	<b>One Bus Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>
	<b>One Cash &amp; Bill Messenger</b> in Rs.5910-20200+GP 2400+ SA 400 <b>Vacant</b>
	<b>One Floor Polishing Machine Operator</b> in Rs. 5910-20200+ GP 2400 <b>Vacant (HIA)</b>
	<b>One Operator (Audio Visual Aids)</b> in Rs. 5910-20200+ GP 1900 <b>Filled</b>
	<b>Four Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-1; Vacant-3 (3 HIA)</b>
	<b>One Cook-cum-Chowkidar</b> in Rs. 5910-20200+ GP 1900 (for Sukhdev Singh Bhawan) <b>Vacant</b>
	<b>One Bus Cleaner</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
	<b>Two Beldar</b> in Rs. 4900-10680+ GP1650/ <b>Farm Worker</b> in Rs. 5910-20200 +GP1900 <b>Vacant-2</b>
	<b>Two Mali</b> in Rs. 4900-10680+ GP 1650+240 SA/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900+ 240 SA <b>Vacant-2</b>
	<b>Sixteen Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-4; Vacant-12 (2 HIA) (8 Surplus)</b>
	<b>Thirty One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-11; Vacant-20 (13 Surplus)</b>
	<b>Eleven Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-9; Vacant-2</b> (Lecture Room -2, Book Bank-1, Examination Hall-1, Dean-1, AO-1, Demand Branch-1, Academic Branch-1, Main Office-2, Fruit Science-1)
	<b>Two Window Cleaner</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2 (2 Surplus)</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	6,08,68,100
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	7,70,000
	Office Contingency	5,00,000
	Recurring Contingency	5,50,000
	Stipend/ Scholarship/ Fellowship	36,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,63,08,100</b>
<b>Designation of the post of Assistant Professor (Programming) upgraded as Professor (Programming) (against which Dr. O.P. Gupta is working) has been changed to Associate Director (Information Technology) (PP for O.P. Gupta) vide no. RAU/Admn.IAU/2023/3754-71 dated 23.02.2023.</b>		

**RESEARCH & EDUCATION SCHEME NO. 3 (PC-1024.1)**

Name of the Scheme		Agricultural Nanotechnology.
Budget Estimates 2023-24		Rs.1,58,44,000/-
Year of Start		2007-08
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ HOD Soil Science, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-A Teaching (PC-1024.1)(Controlling Officer: Dean, COA)		
PRIMARY UNIT		
●	Pay of Officers	
	One Principal Scientist (Nanotechnology & Product Development) in Rs.37400-67000+ AGP 12000 Vacant	
	One Senior Instrumentation Engineer in Rs. 37400-67000+ AGP 9000 Vacant	
	Five Scientist (Nanotechnology) in Rs.15600-39100+ AGP 6000/7000/8000 Filled-5	
	One Nanotechnologist (Physics) in Rs.15600-39100+ AGP 6000/7000/8000 Filled	
●	Pay of Establishment	
	One Junior Microscopist in Rs.5910-20200+ GP 2800 Filled	
	One Lab. Attendant (Tech. G.IV Lab.) in Rs. 5910-20200+ GP 1900/2400 Vacant	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	1,43,54,000
II.	Revenue Expenditure	
	Travelling Allowance	40,000
	Wages	7,00,000
	Office Contingency	1,50,000
	Recurring Contingency	6,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	1,58,44,000

**RESEARCH & EDUCATION SCHEME NO. 4 (PC-1025.1-1025.3)**

Name of the Scheme		Establishment of Department of Plant Breeding & Genetics.
Budget Estimates 2023-24		Rs.5,11,10,700/-
Year of Start		1949
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ HOD Plant Breeding & Genetics, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-A Teaching (PC-1025.1)(Controlling Officer: Dean, COA)		
PRIMARY UNIT		
●	Pay of Officers	
	Two Professor (Plant Breeding) in Rs. 37400-67000+ AGP 10000/12000 Filled (PP for Dr. (Mrs.) S.K. Dhillon and Dr. (Mrs.) Gurjit Kaur Gill)	
	One Associate Professor (Plant Breeding) in Rs. 37400-67000+ AGP 9000 Vacant	
	Two Assistant Professor (Plant Breeding) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant-2	
●	Pay of Establishment	
	One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled	
	Two Sr. Lab. Assistant (Tech. G-II. Lab.) in Rs. 10300-34800+ GP 3800 Vacant-2	
	Two Lab. Assistant (Tech. G-III. Lab.) in Rs. 10300-34800+ GP 3200 Vacant-2	
	Two Tractor Driver (Tech. G.III Engg.) in Rs.10300-34800+GP 3200+SA1000 Filled-1; Vacant-1	
	Three Lab. Attendant/ Sr. Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Vacant-3	
	Four Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Filled-1; Vacant-3	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	2,12,45,700
II.	Revenue Expenditure	
	Travelling Allowance	17,000
	Wages	1,80,000
	Office Contingency	8,000
	Recurring Contingency	20,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	2,14,70,700



	<b><u>Part-B Research (PC-1025.2)(Controlling Officer: DR)</u></b>
	<b>PRIMARY UNIT</b>
●	<b>Pay of Officers</b>
	<b>One Principal Crop Breeder</b> in Rs. 37400-67000+ AGP 10000 <b>Vacant (HIA)</b>
	<b>One Senior Statistician</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b> (PP for Dr. Pritpal Singh)
	<b>One Geneticist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>Two Plant Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2</b> (Headquarter of one post is at Dyal Bhadang)
	<b>Two Analyst (Biochemistry)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-2</b>
●	<b>Pay of Establishment</b>
	<b>One Admn. cum-Accounts Officer</b> in Rs. 15600-39100+ GP 5400+ 1200 SA (Both for direct and promote) <b>Filled</b>
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-2</b>
	<b>Two Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA (including one in Punjabi) <b>Filled-1; Vacant-1</b>
	<b>Eight Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-7</b>
	<b>One Computering Assistant (Tech. G.III Engg.)</b> in Rs. 10300-34800+GP 3200 <b>Vacant</b>
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>One Jr. Lab. Assistant (Tech. G.III Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>Two Plant Observer (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-1; Vacant-1</b>
	<b>One Car Supervisor</b> in Rs. 5910-20200+ GP 2400+ SA 1800 <b>Filled</b>
	<b>One Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Vacant</b>
	<b>One Library Attendant</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled</b>
	<b>Four Messenger</b> in Rs. 4900-10680+ GP 1650+ 240 SA <b>Filled-1; Vacant-3</b>
	<b>Five Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-2; Vacant-3</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	2,58,47,300
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	5,000
	Wages	-
	Office Contingency	5,000
	Recurring Contingency	2,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,58,59,300</b>
<b><u>Part-C Extension (PC-1025.3)(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	<b>One Senior Extension Scientist (Plant Breeding) in Rs. 37400-67000+ AGP 9000 Vacant</b>	
•	<b>Pay of Establishment</b>	
	<b>One Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA Vacant</b>	
	<b>One Messenger in Rs. 4900-10680+ GP 1650 Vacant</b>	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	37,55,700
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Wages	10,000
	Office Contingency	3,000
	Recurring Contingency	2,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>37,80,700</b>
<b><u>SUMMARY TABLE</u></b>		
<b>Part-A (Teaching)</b>		<b>2,14,70,700</b>
<b>Part-B (Research)</b>		<b>2,58,59,300</b>
<b>Part-C (Extension)</b>		<b>37,80,700</b>
<b>Total</b>		<b>5,11,10,700</b>

**RESEARCH & EDUCATION SCHEME NO. 5 (PC-1037.1-1037.3)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Entomology</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.11,67,99,700/-</b>
<b>Year of Start</b>	1964
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Entomology, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b>Statement of Cost for the year 2023-24</b>	
<b><u>Part-A Teaching (PC-1037.1)(Controlling Officer: Dean, COA)</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	<b>Three Professor (Entomology)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2; Vacant-1</b> (Two PP for Dr. P.K. Chhuneja & Dr. Anureet Kaur Chandi)
	<b>Three Associate Professor (Entomology)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant-3</b>
	<b>Eight Assistant Professor (Entomology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 (Including One Assistant Professor of Insect Taxonomy) <b>Filled-2; Vacant-6 (3 HIA)</b>
● <b>Pay of Establishment</b>	
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>Three Sr. Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant-3 (Surplus-1)</b>
	<b>Three Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant-3 (Surplus-1)</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>
	<b>Three Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-2 (1 on contract) (Surplus-1)</b>
<b>BUDGET ESTIMATES 2023-24</b>	
<b>I. Total Salary of Staff</b>	2,15,76,100
<b>II. Revenue Expenditure</b>	
Travelling Allowance	25,000
Wages	2,00,000
Office Contingency	12,000
Recurring Contingency	1,00,000
<b>III. Capital Expenditure</b>	
Non Recurring Contingency	-
<b>Total</b>	<b>2,19,13,100</b>

	<b><u>Part-B Research (PC-1037.2)(Controlling Officer: DR)</u></b>
	<b>PRIMARY UNIT</b>
●	<b>Pay of Officers</b>
	<b>One Principal Entomologist (Insect Toxicology)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b>
	<b>Eight Principal Entomologist</b> in Rs.37400-67000+AGP 10000/12000 <b>Filled-8</b> (Eight PP for Dr. Vijay Kumar, Dr. Kamaljeet Singh Suri, Dr. Paramjit Singh, Dr. D.K. Sharma, Dr. Vikas Jindal, Dr. Inderpal Singh, Dr. Kamaldeep Singh Sangha& Dr. Rabinder Kaur)
	<b>One Principal Entomologist (Insect Ecology)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (PP for Dr. Naveen Aggarwal)
	<b>Two Senior Entomologist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-2</b> (Two PP for Dr. Sudhendu Sharma & Dr. Ravinder Singh Chandi)
	<b>One Entomologist (Insect Pathology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant (Surplus)</b>
	<b>Twelve Entomologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-4; Vacant-8 (Surplus-8)</b>
●	<b>Pay of Establishment</b>
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Two Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant-2</b>
	<b>Three Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-3</b>
	<b>One Sr. Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>
	<b>One Deputy Curator</b> in Rs. 10300-34800+ GP 4400 with initial start of Rs. 17420/- <b>Vacant</b>
	<b>Two Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Filled-2</b>
	<b>Six Jr. Lab. Assistant (Tech. G.III Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-1; Vacant-5 (Surplus-2)</b>
	<b>Four Fieldmen (Tech. G.III Field)</b> in Rs.10300-34800+ GP 3200 <b>Filled-2; Vacant-2 (Surplus-1)</b>

	<b>Three Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled-1; Vacant-2 (HIA)</b>	
	<b>Two Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2</b>	
	<b>One Cleaner</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>Three Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-2</b>	
	<b>Two Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>	
	<b>Ten Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-9 (Surplus-2)</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	7,90,58,600
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	45,000
	Wages	5,00,000
	Office Contingency	8,000
	Recurring Contingency	12,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>8,08,63,600</b>
	<b><u>Part-C Extension (PC-1037.3)(Controlling Officer: DEE)</u></b>	
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Principal Extension Scientist (Entomology)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b>	
	<b>Ten District Extension Scientist (Entomology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3 (Amritsar, Hoshiarpur, Ropar)</b> <b>Vacant-7 (Noormahal, Kapurthala, Gurdaspur, Bathinda, Faridkot, Sangrur, Patiala) (Surplus-1)</b>	
●	<b>Pay of Establishment</b>	
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>	
	<b>One Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant (Surplus)</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant (Surplus)</b>	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	1,38,51,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	50,000
	Office Contingency	12,000
	Recurring Contingency	50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,40,23,000</b>
<b><u>SUMMARY TABLE</u></b>		
	<b>Part-A (Teaching)</b>	<b>2,19,13,100</b>
	<b>Part-B (Research)</b>	<b>8,08,63,600</b>
	<b>Part-C (Extension)</b>	<b>1,40,23,000</b>
	<b>Total</b>	<b>11,67,99,700</b>

**RESEARCH & EDUCATION SCHEME NO. 6 (PC-1038.1-1038.3)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Agronomy.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.12,75,06,300/-</b>
<b>Year of Start</b>	1969-70
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Agronomy, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1038.1)(Controlling Officer: Dean, COA)</u></b>	
<b>PRIMARY UNIT</b>	
	<b>Pay of Officers</b>
	<b>Four Professor (Agronomy)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-3; Vacant-1 (Surplus-1)</b> (Two PP for Dr. Jasdev Singh Deol, Dr. Harmeet Singh & Lien of Director SOOF)
	<b>Four Associate Professor (Agronomy)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant-4 (Surplus-1)</b>
	<b>Eleven Assistant Professor (Agronomy)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3; Vacant-8 (Surplus-1; HIA-6)</b>
	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>Three Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Filled-2; Vacant-1 (Surplus-1)</b>
	<b>Three Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ Sr. ASI in Rs. 10300-34800+ GP 4200 <b>Filled-2; Vacant-1</b>
	<b>One Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
	<b>Twelve Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs.5910-20200+ GP 1900 <b>Filled-6; Vacant-6 (Surplus-2)</b>
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>



	<b>One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,73,49,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	30,000
	Wages	4,50,000
	Office Contingency	20,000
	Recurring Contingency	50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,78,99,000</b>
	<b><u>Part-B Research (PC-1038.2.1)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Research on productivity enhancement of crops in intensive cropping system</b>
	<b>PRIMARY UNIT</b>	
	<b>Pay of Officers</b>	
	<b>Nine Principal Agronomist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-8; Vacant-1</b> (Eight PP for Dr. Jasjit Singh Kang, Dr. Ajmer Singh Brar, Dr. Kulvir Singh Saini, Dr. Simerjeet Kaur, Dr. Rajinder Kumar, Dr. Jaswinder Singh, Dr. Jagmohan Kaur & Dr. Tarundeep Kaur Dhaliwal)	
	<b>One Principal Agronomist (Weed Control)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b>	
	<b>One Principal Agronomist (Forages)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant (Surplus)</b>	
	<b>One Senior Crop Ecologist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>	
	<b>Three Senior Agronomist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-3</b> (One PP for Dr. Jagroop Kaur Sekhon)	
	<b>Five Agronomist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-4; Vacant-1 (Surplus-1)</b>	
	<b>One Soil Chemist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
	<b>Pay of Establishment</b>	
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>	
	<b>Four Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-3; Vacant-1 (Surplus-1)</b>	
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-2 (Surplus-1)</b>	
	<b>Three Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-2 (Surplus-1)</b>	
	<b>One Agriculture Field Officer</b> in Rs. 15600-39100+ GP 5400 <b>Filled</b>	

	<b>One Sr. Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>	
	<b>One Jr. Lab. Assistant (Tech. G.III Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled</b>	
	<b>Eight Plant Observer/Fieldmen (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-4; Vacant-4</b>	
	<b>Four Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-4 (Surplus-3)</b>	
	<b>Seven Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-2; Vacant-5</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	6,95,67,100
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	20,00,000
	Office Contingency	50,000
	Recurring Contingency	1,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>7,18,27,100</b>
	<b><u>Part-B Research (PC-1038.2.2) (Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Centre for Water Technology &amp; Management</b>
	<b>PRIMARY UNIT</b>	
	<b>Pay of Officers</b>	
	<b>Two Soil Chemist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
	<b>One Botanist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>	
	<b>One Scientist (Agrometeorology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
	<b>Pay of Establishment</b>	
	<b>-</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	15,68,600
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	2,00,000
	Office Contingency	15,000
	Recurring Contingency	50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>18,53,600</b>

	<b><u>Part-C Extension (PC-1038.3)(Controlling Officer: DEE)</u></b>	
	<b>Section</b>	<b>Farm Advisory Service Scheme</b>
	<b>PRIMARY UNIT</b>	
	<b>Pay of Officers</b>	
	<b>Two Principal Extension Scientist (Agronomy)</b> in Rs.37400-67000+ AGP 10000 <b>Filled-2</b> (One PP for Dr. Maninder Singh)	
	<b>Three Senior Extension Scientist (Agronomy)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-3</b> (Two PP for Dr. Pardeep Kumar& Dr. Charanjeet Kaur)	
	<b>Seven District Extension Scientist (Agronomy)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-5; Vacant-2</b>	
	<b>One Extension Scientist (Agronomy)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
	<b>Pay of Establishment</b>	
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,53,36,600
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Wages	4,00,000
	Office Contingency	40,000
	Recurring Contingency	50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,59,26,600</b>
<b><u>SUMMARY TABLE</u></b>		
<b>Part-A (Teaching)</b>		<b>2,78,99,000</b>
<b>Part-B.I (Research)</b>		<b>7,18,27,100</b>
<b>Part-B.II (Research)</b>		<b>18,53,600</b>
<b>Part-C (Extension)</b>		<b>2,59,26,600</b>
<b>Total</b>		<b>12,75,06,300</b>
<b>The worthy Vice Chancellor has accorded approval for establishment of new section, “Centre for Water Technology and Management” (PC-1038.2.2) in the Department of Agronomy as conveyed by RAU vide no. Admn.III.AU.2021/ 23828-836 dated 29.9.2021. The worthy Vice Chancellor has also accorded approval to shift two posts of Soil Chemist from scheme no. R&amp;E-54 Part-B (PC-1045.2), one post of Botanist from scheme no. R&amp;E-23 Part-B (PC-1050.2) and one post of Scientist (Agrometeorology) from R&amp;E-07 Part-B (PC-1039.2)</b>		

\*50% Share will be received from the IFFCO.

**RESEARCH & EDUCATION SCHEME NO. 7 (PC-1039.1-1039.2)**

Name of the Scheme		Establishment of Department of Climate Change and Agricultural Meteorology.
Budget Estimates 2023-24		Rs.3,04,48,000 /-
Year of Start		1949
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ HOD Climate Change and Agricultural Meteorology, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-A Teaching (PC-1039.1)(Controlling Officer: Dean, COA)		
PRIMARY UNIT		
●	Pay of Officers	
	Three Professor (Agrometeorology) in Rs. 37400-67000+ AGP 10000/12000 Filled-3 (Three PP for Dr. L.K. Dhaliwal, Dr. Pavneet Kaur Kingra & Dr. Som Pal Singh)	
	One Associate Professor (Agrometeorology) in Rs. 37400-67000+ AGP 9000 Vacant	
	Two Assistant Professor (Agrometeorology) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-2	
	One Agrometeorologist in Rs. 15600-39100+ AGP 6000/7000/8000 Filled	
●	Pay of Establishment	
	One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Vacant	
	One Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA Vacant	
	Two Met. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Filled-2	
	One Junior Lab. Assistant (Tech. G.III Lab.) in Rs. 10300-34800+ GP 3200 Filled	
	Two Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Vacant-2	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	2,13,62,100
II.	Revenue Expenditure	
	Travelling Allowance	25,000
	Wages	13,00,000
	Office Contingency	25,000
	Recurring Contingency	1,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	2,28,12,100

	<b><u>Part-B Research (PC-1039.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Crop Weather relationship studies in different Agro-Climatic Regions of Punjab.</b>
	<b>Year of Start</b>	<b>1990-91</b>
	<b>PRIMARY UNIT</b>	
	● <b>Pay of Officers</b>	
	<b>One Principal Scientist (Agrometeorology) in Rs. 37400-67000+ AGP 10000 Vacant</b>	
	<b>One Senior Agrometerologist in Rs. 37400-67000+ AGP 9000 Filled</b> (PP for Dr. Sarabjot Kaur Sandhu)	
	● <b>Pay of Establishment</b>	
	<b>One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled</b>	
	<b>One Met. Observer (Tech. G.II Lab.) in Rs. 10300-34800+ GP 3800 Filled</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>74,55,900</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	50,000
	Wages	75,000
	Office Contingency	5,000
	Recurring Contingency	50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>76,35,900</b>
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-A (Teaching)</b>	<b>2,28,12,100</b>
	<b>Part-B (Research)</b>	<b>76,35,900</b>
	<b>Total</b>	<b>3,04,48,000</b>
<b>One post of Senior Scientist (Agrometeorology) has been downgraded and shifted to Scheme no. R&amp;E-06 Part-B.II (PC-1038.2.2) vide no. RAU.Admn.III.AU.2021/23828-836 dated 29.9.2021.</b>		

**RESEARCH & EDUCATION SCHEME NO. 8 (PC-1040.1-1040.3)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Extension Education</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,76,87,000/-</b>
<b>Year of Start</b>	1961-62
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Extension Education, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1040.1) (Controlling Officer: Dean, COA)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Two Professor (Extension Education)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2</b> (Two PP for Dr. Kuldeep Singh & Dr. Ravinder Kaur Dhaliwal)
	<b>Three Associate Professor (Extension Education)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-1; Vacant-2</b> (PP for Dr. Manmeet Kaur)
	<b>Three Assistant Professor (Extension Education)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-2</b>
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Three Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2; Vacant-1</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-2</b>
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>One Sr. Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>
	<b>Two Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-1; Vacant-1</b>
	<b>One Audio-Visual Aid Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	2,69,27,700
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	50,000
	Wages	-
	Office Contingency	50,000
	Recurring Contingency	1,70,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,71,97,700</b>
	<b><u>Part-B Research:- Nil</u></b>	
	<b><u>Part-C Extension (PC-1040.3)(Controlling Officer: DEE)</u></b>	
	<b>PRIMARY UNIT</b>	
	<b>Pay of Officers</b>	
	<b>One Senior Extension Scientist (YP) in Rs. 37400-67000+ AGP 9000 Vacant</b>	
	<b>Two Senior Extension Scientist (Extension Education) in Rs. 37400-67000+ AGP 9000 Filled-2 (one filled as Extension Scientist) (PP for Dr. Dharminder Singh)</b>	
	<b>Five Extension Scientist (Extension Education) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-5</b>	
	<b>Pay of Establishment</b>	
	<b>One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled</b>	
	<b>One Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA Vacant</b>	
	<b>One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Vacant</b>	
	<b>One Typist/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Vacant</b>	
	<b>One Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA Vacant</b>	
	<b>One Restorer in Rs. 5910-20200+ GP 2400+ 160 SA Vacant</b>	
	<b>One Computering Assistant (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Filled</b>	
	<b>Two Jeep Driver in Rs. 5910-20200+ GP 2400+ SA 1400 Filled-1; Vacant-1</b>	
	<b>Four Messenger in Rs. 4900-10680+ GP 1650 Filled-2; Vacant-2</b>	



	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,96,19,300
<b>II.</b>	<b>Revenue Expenditure</b>	
	Traveling Allowance	70,000
	Wages	1,30,000
	Office Contingency	50,000
	Recurring Contingency	6,20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,04,89,300</b>
<b><u>SUMMARY TABLE</u></b>		
	<b>Part-A (Teaching)</b>	<b>2,71,97,700</b>
	<b>Part-C (Extension)</b>	<b>2,04,89,300</b>
	<b>Total</b>	<b>4,76,87,000</b>
<b>The post of Associate Professor (Extension Education) has been upgraded to that of Professor (Extension Education) for the adjustment of Dr. Kuldeep Singh transferred from KVK Jalandhar)</b>		

**RESEARCH & EDUCATION SCHEME NO. 9 (PC-1041.1-1041.3)**

Name of the Scheme		Establishment of Department of Plant Pathology.
Budget Estimates 2023-24		Rs.7,60,42,500/-
Year of Start		1962
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ HOD Plant Pathology, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-A Teaching (PC-1041.1)(Controlling Officer: Dean, COA)		
PRIMARY UNIT		
●	Pay of Officers	
	Three Professor (Plant Pathology) in Rs. 37400-67000+ AGP 10000/12000 Filled-1; Vacant-2 (One PP for Dr. Vineet Kumar)	
	Three Assistant Professor (Plant Pathology) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-2; Vacant-1	
	One Assistant Professor (Nematology) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant	
●	Pay of Establishment	
	One Superintendent in Rs. 15600-39100+ GP 5400+ 1200 SA Filled	
	One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled	
	One Store Keeper (Tech. G.III Store) in Rs. 10300-34800+ GP 3200 Filled	
	One Museum Assistant (Tech. G.III Lab.) in Rs. 10300-34800+ GP 3200 Vacant	
	Five Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Filled-3; Vacant-2 (1 on contract)	
	One Messenger in Rs. 4900-10680+ GP 1650 Vacant (HIA)	
	One Chowkidar in Rs. 4900-10680+ GP 1650 Vacant	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	1,76,74,800
II.	Revenue Expenditure	
	Travelling Allowance	40,000
	Wages	5,00,000
	Office Contingency	20,000
	Recurring Contingency	1,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	1,83,34,800

	<b><u>Part-B Research (PC-1041.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Research on the Management of Important Disease.</b>
	<b>Year of Start</b>	<b>1969-70</b>
	<b>PRIMARY UNIT</b>	
	● <b>Pay of Officers</b>	
	<b>Two Principal Plant Pathologist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2</b> (One PP for Dr. Daljit Singh)	
	<b>One Principal Nematologist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>	
	<b>One Principal Plant Bacteriologist</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b> (PP for Dr. Mandeep Singh Hunjan)	
	<b>Two Senior Plant Pathologist (Fungicide and Obligate Parasite)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-2</b>	
	<b>One Senior Nematologist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>	
	<b>One Senior Plant Pathologist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>	
	<b>One Plant Nematologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
	<b>One Plant Virologist</b> in Rs.15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
	<b>One Plant Pathologist (Potato and Seed Production)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
	<b>Six Plant Pathologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-4; Vacant-2</b>	
	<b>Two Plant Pathologist (Fungicide and Obligate Parasite)</b> in Rs.15600-39100+ AGP 6000/7000/8000 <b>Vacant-2</b>	
	<b>One Plant Mycologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>	
	● <b>Pay of Establishment</b>	
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>	
	<b>Three Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-3</b>	
	<b>Three Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-2</b>	
	<b>One Sr. Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>	
	<b>One Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Filled</b>	

	<b>Three Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Filled-2; Vacant-1</b>	
	<b>Three Plant Observer (Tech. G.III Field) in Rs. 10300-34800+ GP 3200 Filled-1; Vacant-2</b>	
	<b>One Jeep Driver in Rs. 5910-20200+ GP 2400+ SA 1400 Vacant (1 on contract)</b>	
	<b>Two Messenger in Rs. 4900-10680+ GP 1650 Filled-1; Vacant-1</b>	
	<b>Six Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Filled-1; Vacant-5</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>4,19,86,800</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Wages	14,00,000
	Office Contingency	70,000
	Recurring Contingency	4,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>4,39,56,800</b>
	<b><u>Part-C Extension (PC-1041.3)(Controlling Officer: DEE)</u></b>	
	<b>Section</b>	<b>Farm Advisory Service Scheme and Strengthening of Farmers Advisory Service Scheme at Headquarters in Punjab.</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Principal Extension Scientist (Plant Pathology) in Rs. 37400-67000+ AGP 10000/12000 Filled (PP for Dr. Amarjit Singh Jagdey)</b>	
	<b>One Senior Extension Scientist (Plant Pathology) in Rs. 37400-67000+ AGP 9000 Filled (PP for Dr. Parminder Kaur)</b>	
	<b>Seven District Extension Scientist (Plant Pathology) in 15600-39100+ AGP 6000/7000/8000 Filled-3; Vacant-4</b>	
●	<b>Pay of Establishment</b>	
	<b>One Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA Vacant</b>	
	<b>One Messenger in Rs. 4900-10680+ GP 1650 Vacant</b>	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,35,80,900
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	80,000
	Office Contingency	30,000
	Recurring Contingency	20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,37,50,900</b>
<b><u>SUMMARY TABLE</u></b>		
	<b>Part-A (Teaching)</b>	<b>1,83,34,800</b>
	<b>Part-B (Research)</b>	<b>4,39,56,800</b>
	<b>Part-C (Extension)</b>	<b>1,37,50,900</b>
	<b>Total</b>	<b>7,60,42,500</b>

**RESEARCH & EDUCATION SCHEME NO. 10 (PC-1042.1-1042.2)**

Name of the Scheme		Establishment of Department of Forestry & Natural Resources.
Budget Estimates 2023-24		Rs.4,17,00,300/-
Year of Start		1978
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ HOD Forestry & Natural Resources, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-A Teaching (PC-1042.1)(Controlling Officer: Dean, COA)		
PRIMARY UNIT		
●	Pay of Officers	
	Three Professor (Forestry) in Rs. 37400-67000+ AGP 10000/12000 Filled-3 (Three PP for Dr. S.K. Chauhan, Dr. Harmeet Singh & Dr. R.K. Garg)	
	One Assistant Professor (Forestry) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled	
●	Pay of Establishment	
	Two Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Filled-1; Vacant-1	
	One Jeep Driver in Rs. 5910-20200+ GP 2400+ SA 1400 Filled	
	One Messenger in Rs. 4900-10680+ GP 1650 Vacant	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	1,39,61,100
II.	Revenue Expenditure	
	Travelling Allowance	20,000
	Wages	50,000
	Office Contingency	16,000
	Recurring Contingency	1,25,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	1,41,72,100
Part-B Research (PC-1042.2)(Controlling Officer: DR)		
	Section	Agro Forestry Research for Diversification in Agriculture.
	Year of Start	1985-86
PRIMARY UNIT		
●	Pay of Officers	
	One Principal Tree Breeder in Rs. 37400-67000+ AGP 10000/12000 Filled (PP for Dr. G.P.S. Dhillon)	

	<b>One Principal Scientist (Forestry)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (PP for Dr. Avtar Singh Dhammu)
	<b>One Principal Scientist (Soil Conservation)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (PP for Dr. Baljit Singh)
	<b>One Senior Tree Breeder</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b>
	<b>One Silviculturist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Entomologist (Agroforestry)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Tree Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant (Surplus)</b>
	<b>One Scientist (Wood Technology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant (Surplus)</b>
	<b>One Plant Pathologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant (Surplus)</b>
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled</b>
	<b>Four Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Filled-1; Vacant-3</b>
	<b>Two Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-1; Vacant-1</b>
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>
	<b>Four Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-4 (1 on contract)</b>
	<b>Two Mali</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-2</b>



	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,67,94,200
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	30,000
	Wages	30,000
	Office Contingency	24,000
	Recurring Contingency	6,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,75,28,200</b>
<b><u>SUMMARY TABLE</u></b>		
	<b>Part-A (Teaching)</b>	<b>1,41,72,100</b>
	<b>Part-B (Research)</b>	<b>2,75,28,200</b>
	<b>Total</b>	<b>4,17,00,300</b>

**RESEARCH & EDUCATION SCHEME NO. 11 (PC-1043.1-1043.3)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Food Science &amp; Technology.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,51,48,600/-</b>
<b>Year of Start</b>	1949
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Food Science & Technology, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1043.1)(Controlling Officer: Dean, COA)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Associate Professor (Food Technology)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant (HIA)</b>
	<b>Three Assistant Professor (Food Technology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2; Vacant-1</b>
<b>• Pay of Establishment</b>	
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>One Plant Manager</b> in Rs. 15600-39100+ GP 6600 <b>Vacant</b>
	<b>One Production Manager</b> in Rs. 15600-39100+ GP 5400 <b>Vacant</b>
	<b>One Sr. Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>
	<b>One Foreman (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>
	<b>One Lab. Tech./ Sr. Lab. Tech. (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>One Plant Supervisor (Tech. G-II.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>
	<b>One Mechanic (Tech. G-III. Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant (HIA)</b>
	<b>Two Dairy Manufacturing Assistant (Tech. G.III Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>
	<b>Three Jr. Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-3 (Surplus-2)</b>

	<b>One Lab. Assistant (Refrigeration)</b> in Rs. 5910-20200+ GP 2400 <b>Filled</b>	
	<b>One Boiler Operator</b> in Rs. 5910-20200+ GP 1900 <b>Filled</b>	
	<b>Two Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-1; Vacant-1 (Surplus-1)</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650+ 240 SA <b>Vacant (Surplus)</b>	
	<b>Two Beldar</b> in Rs. 4900-10680+ GP 1650 / <b>Farm Worker</b> in 5910-20200+ GP 1900 <b>Vacant-2 (Surplus-1)</b>	
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,91,54,100
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	70,000
	Wages	90,000
	Office Contingency	90,000
	Recurring Contingency	3,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,97,04,100</b>
	<b><u>Part-B Research (PC-1043.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Research on Food Science Technology and Nutrition in Field and Horticulture Crops.</b>
	<b>Year of Start</b>	<b>1979-80</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>Two Principal Food Technologist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-1; Vacant-1</b>	
	<b>One Principal Food Technologist (Vegetable)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (PP for Dr. Poonam A Sachdev)	
	<b>One Principal Food Technologist (Dough Rheology)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (PP for Dr. (Mrs.) Savita Sharma)	
	<b>One Principal Food Technologist (Baking Technology)</b> in Rs.37400-67000+ AGP 10000 <b>Filled</b> (PP for Dr. Baljit Singh)	
	<b>One Food Technologist (Milling Technology)</b> in Rs. 15600-39100 + AGP 6000/7000/8000 <b>Vacant</b>	

	<b>One Food Technologist (Packaging)</b> in Rs. 15600-39100 + AGP 6000/7000/8000 <b>Vacant</b>	
	<b>Two Food Technologist (Fruit &amp; Vegetable)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2</b>	
	<b>Five Food Technologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-4; Vacant-1 (Surplus-1)</b>	
●	<b>Pay of Establishment</b>	
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2 (For DR)</b>	
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>	
	<b>Three Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1 (for DR ); Vacant-2 (for FST)</b>	
	<b>Two Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant-2 (Two for DR)</b>	
	<b>One Jr. Lab. Assistant (Tech. G.III Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>Nine Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-3; Vacant-6 (Surplus-4)</b>	
	<b>One Helper (Tech. G-IV. Engg.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>	
	<b>One Restorer</b> in Rs. 5910-20200+ GP 2400 + SA 160 <b>Vacant (For DR)</b>	
	<b>Three Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-2 (Surplus-1) (One for DR)</b>	
	<b>One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	4,00,35,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	2,00,000
	Wages	2,00,000
	Office Contingency	2,00,000
	Recurring Contingency	4,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>4,10,35,500</b>
	<b><u>Part-C Extension (PC-1043.3)(Controlling Officer: DEE)</u></b>	
	<b>Section</b>	<b>Training and method Demonstration for Fruit &amp; Vegetable Preservation.</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Extension Scientist (Food Technology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>	

•	<b>Pay of Establishment</b>	
	<b>One Fruit Preservation Supervisor (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>	
	<b>One Jr. Lecture Table Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>	
	<b>One Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	42,24,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	35,000
	Office Contingency	35,000
	Recurring Contingency	95,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>44,09,000</b>
<b><u>SUMMARY TABLE</u></b>		
	<b>Part-A (Teaching)</b>	<b>1,97,04,100</b>
	<b>Part-B (Research)</b>	<b>4,10,35,500</b>
	<b>Part-C (Extension)</b>	<b>44,09,000</b>
	<b>Total</b>	<b>6,51,48,600</b>

**RESEARCH & EDUCATION SCHEME NO. 12 (PC-1044.1-1044.2)**

Name of the Scheme		Establishment of Department of Floriculture & Landscaping.
Budget Estimates 2023-24		Rs.1,96,83,000/-
Year of Start		1949
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ HOD Floriculture & Landscaping, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-A Teaching (PC-1044.1)(Controlling Officer: Dean, COA)		
PRIMARY UNIT		
●	Pay of Officers	
	One Professor (Floriculture & Landscaping) in Rs. 37400-67000+ AGP 10000 Filled (PP for Dr. Parminder Singh)	
	One Associate Professor (Floriculture & Landscaping) in Rs. 37400-67000+ AGP 9000 Filled	
●	Pay of Establishment	
	One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled	
	One Agricultural Sub Inspector (Tech. G.III Field) in Rs. 10300-34800+ GP 3200/ Sr. ASI in Rs. 10300-34800+ GP 4200 Filled	
	One Head Mali (Tech. G-IV.) in Rs. 5910-20200+ GP 1900 Filled	
	One Messenger in Rs. 4900-10680+ GP 1650 Filled	
	Nine Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900) Vacant-9 (PBG-1) (Surplus-3)	
	Eleven Mali in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Vacant-11 (2 on contract)	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	1,29,89,800
II.	Revenue Expenditure	
	Travelling Allowance	20,000
	Wages	1,50,000
	Office Contingency	20,000
	Recurring Contingency	1,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	1,32,79,800

	<b><u>Part-B Research (PC-1044.2)(Controlling Officer: DR)</u></b>	
	<b>Year of Start</b>	<b>1990-91</b>
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	<b>Two Scientist (Floriculture &amp; Landscaping)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2</b>	
•	<b>Pay of Establishment</b>	
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>	
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled</b>	
	<b>One Plant Observer/ Fieldman (Tech. G-III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	61,13,200
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	1,50,000
	Office Contingency	20,000
	Recurring Contingency	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>64,03,200</b>
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-A (Teaching)</b>	<b>1,32,79,800</b>
	<b>Part-B (Research)</b>	<b>64,03,200</b>
	<b>Total</b>	<b>1,96,83,000</b>

**RESEARCH & EDUCATION SCHEME NO. 13 (PC-1058.1-1058.3)**

<b>Name of the Scheme</b>	<b>Establishment of College of Agricultural Engineering &amp; Technology.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,39,85,600/-</b>
<b>Year of Start</b>	1964-65
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Dean, COAE&T, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1058.1)(Controlling Officer: Dean, COAE&amp;T)</u></b>	
<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>
	<b>One Dean</b> in Rs. 37400-67000+ AGP 10000/12000 + SA 1000 <b>Vacant</b>
	<b>One Assistant Professor (Agricultural Engineering)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
•	<b>Pay of Establishment</b>
	<b>One Accounts Officer</b> in Rs. 15600-39100 GP 7600+ 1200 SA <b>Filled</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100 GP 5400+ 1200 SA <b>Filled</b>
	<b>Six Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-5; Vacant-1 (One not to be filled up)</b>
	<b>Four Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-1; Vacant-3</b>
	<b>Six Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-2; Vacant-4</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Store Purchase Assistant (Tech. G.II Engg.)</b> in Rs. 10300-34800+GP 3800 <b>Vacant (not to be filled up)</b>
	<b>One Lab. Tech. (Elec.)/ Sr. Lab. Tech. (Elec.) (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>One Mechanic-cum-Electrician (Tech. G-III. Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Restorer</b> in Rs. 5910-20200+ GP 2400 + SA 160 <b>Filled</b>
	<b>Two Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled-1; Vacant-1</b>
	<b>Six Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-4</b>



	<b>Two Mali</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-2</b>	
	<b>Nine Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-3; Vacant-6 (1 on contract)</b>	
	<b>Seven Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-5; Vacant-2</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,83,87,200
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	3,20,000
	Office Contingency	2,00,000
	Recurring Contingency	3,60,000
	Stipend/ Scholarship/ Fellowship	9,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>4,01,87,200</b>
	<b><u>Part-B Research (PC-1058.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Instrumentation Cell (Disbanded)</b>
	<b>Year of Start</b>	<b>1968-69</b>
	<b>PRIMARY UNIT</b>	
	● <b>Pay of Officers</b>	
	-	
	● <b>Pay of Establishment</b>	
	<b>One Foreman (Instruments) (Tech. G.I-Engg.)</b> in Rs. 10300-34800+ GP 4800 <b>Vacant</b>	
	<b>One Electrician (Tech. G.III- Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant (For Dean, COAE&amp;T)</b>	
	<b>One Refrigerator Mechanic(Tech. G.III- Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Air Conditioning Plant Attendant</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	-
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	-
	<b>Total</b>	-
	<b><u>Part-C Extension (PC-1058.3)(Controlling Officer: DEE)</u></b>	
	<b>Section</b>	<b>Training Unit.</b>
	<b>Year of Start</b>	<b>1978-79/ 1979-80</b>

	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Professor (Agricultural Engineering)</b> in Rs. 37400-67000+ AGP10000/12000 <b>Filled</b> (PP for Dr. Satish Kumar Gupta)	
	<b>One Associate Director (Institution Relations)</b> in Rs. 37400-67000+ AGP10000 <b>Filled</b> (PP for Dr. Vishal Bector)	
	<b>One Senior Extension Scientist (Agricultural Engineering)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>	
	<b>One Field Engineer (Training &amp; Placement)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>	
	<b>One Assistant Professor (Agricultural Engineering)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
●	<b>Pay of Establishment</b>	
	<b>One Head Draftsman Grade-I</b> in Rs. 10300-34800+ GP 4400 <b>Filled</b>	
	<b>One Instructor (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>	
	<b>One Store Purchase Assistant(Tech. G.II Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>	
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Electrician (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>	
	<b>One Reprographic Assistant (Tech. G.III Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant (not to be filled)</b>	
	<b>Three Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-3</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,35,83,400
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	15,000
	Wages	1,10,000
	Office Contingency	40,000
	Recurring Contingency	50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,37,98,400</b>

<b><u>SUMMARY TABLE</u></b>	
<b>Part-A (Teaching)</b>	<b>4,01,87,200</b>
<b>Part-B (Research)</b>	<b>-</b>
<b>Part-C (Extension)</b>	<b>1,37,98,400</b>
<b>Total</b>	<b>5,39,85,600</b>
<b>One post of Assistant Professor (Agricultural Engineering) in Part-C has been re-designated and upgraded to that of Associate Director (Institution Relations) for the adjustment of Dr. Vishal Bector Vide No. RAU/Admn-I.AU/2022/13878-84 dated 24.11.2022.</b>	

**RESEARCH & EDUCATION SCHEME NO. 14 (PC-1059.1)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Civil Engineering</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,37,19,100/-</b>
<b>Year of Start</b>	1964-65
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD, Civil Engineering, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1059.1)(Controlling Officer: Dean, COAE&amp;T)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Two Professor (Civil Engineering)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-1; Vacant-1</b> (One PP for Dr. Jaspal Singh)
	<b>Four Associate Professor (Civil Engineering)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-1; Vacant-3</b> (PP for Er. Ritesh Jain)
	<b>Three Assistant Professor (Civil Engineering)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3</b>
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>Two Lab. Technician (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled-2</b>
	<b>Two Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2</b>
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,34,19,100
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Wages	-
	Office Contingency	1,00,000
	Recurring Contingency	1,90,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,37,19,100</b>

**RESEARCH & EDUCATION SCHEME NO. 15 (PC-1060.1)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Mechanical Engineering.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,73,37,400/-</b>
<b>Year of Start</b>	1969-70
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD, Mechanical Engineering, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1060.1) (Controlling Officer: Dean, COAE&amp;T)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Three Professor (Mechanical Engineering)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2; Vacant-1</b> (Two PP for Dr. V. P. Sethi & Dr. Vishwajeet Singh Hans)
	<b>Seven Associate Professor (Mechanical Engineering)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-3; Vacant-4</b> (One PP for Dr. Raminder Singh Gill)
	<b>Two Assistant Professor (Mechanical Engineering)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2</b>
●	<b>Pay of Establishment</b>
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>Six Lab. Technician (Tech.G-II Engg.)</b> in Rs.10300-34800+ GP 3800 <b>Filled-4; Vacant-2</b>
	<b>Two Lab. Attendant (Tech. G-IV Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2</b>
	<b>One Blacksmith (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Carpenter (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Welder (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Machinist (Tech. G-II Engg.)</b> in Rs.10300-34800+ GP 3800 <b>Filled</b>
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,71,27,400
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Wages	-
	Office Contingency	50,000
	Recurring Contingency	1,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,73,37,400</b>

**RESEARCH & EDUCATION SCHEME NO. 16 (PC-1061.1)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Electrical Engineering &amp; Information Technology.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,64,17,400/-</b>
<b>Year of Start</b>	2012-13
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD, EEIT, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1061.1) (Controlling Officer: Dean, COAE&amp;T)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Two Professor (Electrical Engineering)</b> in Rs. 37400-67000+ AGP10000/12000 <b>Filled-1; Vacant-1</b> (One PP for Dr. Derminder Singh)
	<b>One Professor (Computer Science &amp; Engineering)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>
	<b>Two Associate Professor (Electrical Engineering)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant-2</b>
	<b>Three Associate Professor (Computer Science &amp; Engineering)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-1; Vacant-2</b> (One PP for Dr. Lokesh Jain)
	<b>Three Assistant Professor (Electrical Engineering)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-2</b>
	<b>Three Assistant Professor (Computer Science &amp; Engineering)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3</b>
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>Two Programmer</b> in Rs. 15600-39100 + GP 5400 <b>Filled-2</b>



	<b>Two Lab. Technician (Elect.)/Sr. Lab. Technician (Elect.) (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled-2</b>	
	<b>One Information Processor (Computer)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>	
	<b>One Web Designer</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>	
	<b>One Mechanic (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>	
	<b>One Foreman (Instrumentation) (Tech. G.I Engg.)</b> in Rs. 10300-34800+ GP 4800 <b>Vacant</b>	
	<b>One Foreman Gr. I (Tech. G.II Engg.)</b> in Rs.10300-34800+ GP 3800 <b>Filled</b>	
	<b>Two Computer Operator</b> in Rs. 10300-34800+ GP 3200 <b>Filled-2</b>	
	<b>Two Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant-2</b>	
	<b>Three Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-1</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,61,27,400
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	50,000
	Office Contingency	70,000
	Recurring Contingency	1,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,64,17,400</b>
<b>One post of Web Designer in Rs.10300-34800 + GP 3200 has been shifted from Scheme R&amp;E-34 (PC-1007.2) vide No. RAU/Admn.VIII.AU/2022/13495-501 dated 18.11.2022.</b>		

**RESEARCH & EDUCATION SCHEME NO. 17 (PC-1062.1-1062.3)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Farm Machinery and Power Engineering.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.7,35,39,000/-</b>
<b>Year of Start</b>	1965
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD FM&PE, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1062.1)(Controlling Officer: Dean, COAE&amp;T)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>Three Professor (FMPE)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2; Vacant-1</b> (PP for Dr. Rohinish Khurana & Lien of Dr. Baldev Dogra)
	<b>Two Associate Professor (FMPE)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant-2</b>
	<b>Two Assistant Professor (FMPE)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-2</b>
<b>• Pay of Establishment</b>	
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Maintenance Shop Supervisor (Tech. G-I Engg.)</b> in Rs. 10300-34800+ GP 4800 <b>Vacant</b>
	<b>Three Tractor Mechanic Operator (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled-3</b>
	<b>One Lab. Tech./Sr. Lab. Tech. (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>One Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Vacant</b>
	<b>One Store Mate (Tech. G-IV. Store)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>
	<b>Two Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2</b>
	<b>Two Helper (Tech. G-IV. Engg.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant-2</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,03,45,200
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,06,55,200</b>
	<b><u>Part-B Research (PC-1062.2) (Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Farm Machinery Testing Centre at PAU/ Research on Mechanization of Agriculture.</b>
	<b>Year of Start</b>	<b>1969</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>Two Principal Scientist (FMPE) in Rs. 37400-67000+ AGP 10000/12000 Filled-2</b> (One PP for Dr. H.S. Sidhu)	
	<b>One Senior Scientist (FMPE) in Rs. 37400-67000+ AGP 9000 Filled</b> (PP for Dr. Rajesh Goyal)	
	<b>One Senior Testing Scientist (FMPE) in Rs. 37400-67000+ AGP 9000 Filled</b> (Lien for Dr. G.S. Manes)	
	<b>One Senior Production Scientist (FMPE) in Rs. 37400-67000+ AGP 9000 Vacant</b>	
	<b>One Senior Scientist (FMPE) in Rs. 37400-67000+ AGP 9000 Filled</b>	
	<b>Four Scientist (FMPE) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-2; Vacant-2 (Surplus-1)</b>	
	<b>One Scientist (Instrumentation) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled</b>	
●	<b>Pay of Establishment</b>	
	<b>One Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA Filled</b>	
	<b>One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Vacant</b>	
	<b>Three Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA Vacant-3</b>	
	<b>One Agriculture Field Officer in Rs. 15600-39100+ GP 5400 Vacant</b>	
	<b>Two Senior Draftsman in Rs. 10300-34800+ GP 5000 Vacant-2</b>	
	<b>One Maintenance Shop Supervisor (Tech. G-I. Engg.) in Rs. 10300-34800+ GP 4800 Filled</b>	

	<b>One Lab. Technician/ Sr. Lab. Technician (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800/4200 <b>Vacant</b>	
	<b>Four Mechanic (Tech. G.II Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled-2; Vacant-2</b>	
	<b>One Farm Mechanic (Tech. G.II Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>	
	<b>One Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>	
	<b>One Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>	
	<b>Five Helper (Tech. G-IV. Engg.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant-5 (2 on contract)</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,45,91,200
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	20,000
	Office Contingency	20,000
	Recurring Contingency	2,20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,48,71,200</b>
	<b><u>Part-C Extension (PC-1062.3)(Controlling Officer: DEE)</u></b>	
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Principal Extension Scientist (FMPE)</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b> (One PP for Dr. Mahesh Kumar Narang)	
	<b>One Senior Extension Scientist (FMPE)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b>	
	<b>Three Extension Scientist (FMPE)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-2 (Surplus-1)</b>	
	<b>Twelve District Extension Scientist (FMPE)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-12 (Surplus-6)</b>	
●	<b>Pay of Establishment</b>	
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>	
	<b>One Foreman Gr-I (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>	
	<b>Four Mechanic (Implements)(Tech. G.II Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant-4</b>	

	<b>One Mechanic-cum-Driver (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>	
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Senior Draftsman</b> in Rs. 10300-34800+ GP 5000 <b>Filled</b>	
	<b>One Electrician Gr-I (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>	
	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>	
	<b>One Helper (Tech. G-IV. Engg.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>	
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,79,82,600
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Wages	-
	Office Contingency	10,000
	Recurring Contingency	10,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,80,12,600</b>
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-A (Teaching)</b>	<b>2,06,55,200</b>
	<b>Part-B (Research)</b>	<b>3,48,71,200</b>
	<b>Part-C (Extension)</b>	<b>1,80,12,600</b>
	<b>Total</b>	<b>7,35,39,000</b>
<b>Designation of one post of Scientist (FMPE) in Part-B has been changed to Scientist (Instrumentation) vide no. RAU.Admn.III.AU.2022/15287-92 dated 27.12.2022.</b>		

**RESEARCH & EDUCATION SCHEME NO. 18 (PC-1063.1-1063.3)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Processing &amp; Food Engineering.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,84,65,600/-</b>
<b>Year of Start</b>	1964-65/1982-83/1991-92
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD P&FE, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1063.1)(Controlling Officer: Dean, COAE&amp;T)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Five Professor (Processing &amp; Food Engineering)</b> in Rs. 37400-67000+ AGP 10000/12000 (including one Processing & Agricultural Structure) <b>Filled-3; Vacant-2</b> (Three PP for Dr. Satish Kumar, Dr. Sanjeev Rattan Sharma & Dr. Mahesh Kumar)
	<b>Three Associate Professor (Processing &amp; Food Engineering)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant-3</b>
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-2</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>Two Lab. Tech./ Sr. Lab. Tech. (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled-1; Vacant-1</b>
	<b>One Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ 1000 SA <b>Vacant</b>
	<b>Two Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,98,97,600
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	20,000
	Recurring Contingency	90,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,00,47,600</b>
	<b><u>Part-B Research (PC-1063.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Processing of Agricultural Products &amp; By-Products.</b>
	<b>Year of Start</b>	<b>1964-65</b>
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	<b>Three Principal Scientist (Processing &amp; Food Engineering)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2; Vacant-1</b> (Two PP for Dr. (Mrs.) Gagandeep Kaur Sidhu (Agril. By-Products) & Dr. (Mrs.) Preetinder Kaur (Research Engineer)).	
	<b>Two Senior Scientist (Processing &amp; Food Engineering)</b> in Rs. 37400-67000+ AGP 9000 (including one Agril. By-Products) <b>Filled-2</b>	
	<b>Four Scientist (Processing &amp; Food Engineering)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3; Vacant-1</b>	
•	<b>Pay of Establishment</b>	
	<b>Two Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled-1; Vacant-1</b>	
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-2</b>	
	<b>One Instrument Mechanic (Tech. G.II Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>	
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>	
	<b>One Carpenter (Tech. G-III. Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Car Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>	
	<b>One Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>	
	<b>Four Helper (Tech. G-IV. Engg.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2; Vacant-2</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	

	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,07,48,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	20,000
	Recurring Contingency	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,09,08,500</b>
	<b><u>Part-C Extension (PC-1063.3)(Controlling Officer: DEE)</u></b>	
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Principal Extension Scientist (Processing &amp; Food Engineering)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (PP for Dr. Tarsem Chand Mittal)	
	<b>One Senior Extension Scientist (Processing &amp; Food Engineering)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>	
	<b>One District Extension Scientist (Processing &amp; Food Engineering)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
●	<b>Pay of Establishment</b>	
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>	
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>	
	<b>Two Mechanic (Tech. G.II Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled-2</b>	
	<b>Two Helper (Tech. G-IV. Engg.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant-2</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	



	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	74,49,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	10,000
	Recurring Contingency	30,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>75,09,500</b>
<b><u>SUMMARY TABLE</u></b>		
	<b>Part-A (Teaching)</b>	<b>2,00,47,600</b>
	<b>Part-B (Research)</b>	<b>2,09,08,500</b>
	<b>Part-C (Extension)</b>	<b>75,09,500</b>
	<b>Total</b>	<b>4,84,65,600</b>

**RESEARCH & EDUCATION SCHEME NO. 19 (PC-1064.2)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Energy Studies for Agriculture.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,13,47,600/-</b>
<b>Year of Start</b>	2012-13
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD SREE, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1064.1)(Controlling Officer: Dean, COAE&amp;T) :- NIL</u></b>	
<b><u>Part-B Research (PC-1064.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	
	<b>One Head (REE) in Rs. 37400-67000+ AGP 10000</b> <b>Vacant</b>
	<b>Two Professor (REE) in Rs. 37400-67000+ AGP 10000/12000</b> <b>Filled-1; Vacant-1</b>
	<b>Two Associate Professor (REE) in Rs. 37400-67000+ AGP 9000</b> <b>Filled-1; Vacant-1</b>
• <b>Pay of Establishment</b>	
	<b>Three Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA</b> <b>Filled-2; Vacant-1 (Surplus-1)</b>
	<b>Two Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA</b> <b>Vacant-2 (1 for Mech. Engg. And 1 for SREE)</b>
	<b>One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA</b> (50:50) respectively <b>Vacant</b>
	<b>Two Technician/Sr. Technician (Tech. G-II. Engg.) in Rs. 10300-34800+ GP 3800</b> <b>Filled-2</b>
	<b>One Lab. Technician/ Sr. Lab. Technician (Tech. G-II. Engg.) in Rs. 10300-34800+ GP 3800</b> <b>Filled</b>
	<b>One Tractor Driver (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200+ SA 1000</b> <b>Filled</b>
	<b>One Driver in Rs. 5910-20200+ GP 2400+ SA 1400</b> <b>Vacant</b>
	<b>One Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400</b> <b>Vacant (For Mech. Engg.)</b>
	<b>Two Messenger in Rs. 4900-10680+ GP 1650</b> <b>Vacant-2</b>
	<b>Two Chowkidar in Rs. 4900-10680+ GP 1650</b> <b>Vacant-2 (1 on contract)</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,08,99,600
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	2,50,000
	Office Contingency	70,000
	Recurring Contingency	88,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,13,47,600</b>

**RESEARCH & EDUCATION SCHEME NO. 20 (PC-1065.1-1065.3)**

Name of the Scheme		Establishment of Department of Soil and Water Engineering.
Budget Estimates 2023-24		Rs.5,05,27,400/-
Year of Start		1964-65
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ HOD S&WE, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-A Teaching (PC-1065.1)(Controlling Officer: Dean, COAE&T)		
PRIMARY UNIT		
●	Pay of Officers	
	Three Professor (Soil & Water Engineering) in Rs. 37400-67000+ AGP 10000/12000 Filled-2; Vacant-1 (Two PP for Dr. Arun Kaushal & Dr. J.P. Singh)	
	Five Associate Professor (Soil & Water Engineering) in Rs. 37400-67000+ AGP 9000 Filled-4; Vacant-1 (Three PP for Dr. Mukesh Siag, Dr. Nilesh Biwalkar & Dr. Samanpreet Kaur)	
●	Pay of Establishment	
	Two Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled-1;Vacant-1 (HIA)	
	One Tractor Mechanic (Tech. G-II. Engg.) in Rs. 10300-34800+ GP 3800 Vacant	
	One Tractor Driver (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200+SA1000 Vacant	
	One Lab. Technician/ Sr. Lab. Technician (Tech. G-II. Engg.) in Rs. 10300-34800+ GP 3800 Filled	
	One Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Filled	
	Two Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in 5910-20200+GP 1900 Vacant-2	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	2,48,61,400
II.	Revenue Expenditure	
	Travelling Allowance	60,000
	Wages	3,00,000
	Office Contingency	50,000
	Recurring Contingency	7,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	2,59,71,400

	<b><u>Part-B Research (PC-1065.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Research on Development of Irrigation Drainage System.</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Principal Scientist (Soil &amp; Water Engineering) in Rs. 37400-67000+ AGP 10000/12000</b> <b>Filled</b>	
	<b>One Senior Soil Physicist in Rs. 37400-67000+ AGP 9000</b> <b>Vacant</b>	
	<b>Two Senior Scientist (SWE) in Rs. 37400-67000+ AGP 9000</b> <b>Filled-2</b>	
	<b>Three Scientist (Soil &amp; Water Engineering) in Rs. 15600-39100+ AGP 6000/7000/8000</b> <b>Filled-3</b>	
●	<b>Pay of Establishment</b>	
	<b>One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA</b> <b>Filled</b>	
	<b>One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively</b> <b>Vacant</b>	
	<b>One Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA</b> <b>Vacant</b>	
	<b>One Mechanic (Tech. G.II Engg.) in Rs. 10300-34800+ GP 3800</b> <b>Vacant</b>	
	<b>One Agricultural Sub Inspector (Tech. G.III Field) in Rs. 10300-34800+ GP 3200/ Sr. ASI in Rs. 10300-34800+ GP 4200</b> <b>Filled</b>	
	<b>One Junior Draftsman in Rs. 10300-34800+ GP 3200</b> <b>Vacant</b>	
	<b>Two Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900</b> <b>Vacant-2</b>	
	<b>One Chowkidar in Rs. 4900-10680+ GP 1650</b> <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,11,19,700</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	3,30,000
	Office Contingency	30,000
	Recurring Contingency	6,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	4,00,000
	<b>Total</b>	<b>2,24,99,700</b>

	<b><u>Part-C Extension (PC-1065.3)(Controlling Officer: DEE)</u></b>	
	<b>Section</b>	<b>Farm Advisory Service scheme</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Senior Extension Scientist (Soil &amp; Water Engineering) in Rs. 37400-67000+ AGP 9000</b>	
	<b>Vacant</b>	
●	<b>Pay of Establishment</b>	
	<b>One Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA</b>	
	<b>Vacant</b>	
	<b>One Messenger in Rs. 4900-10680+ GP 1650</b>	
	<b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>17,96,300</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	80,000
	Office Contingency	20,000
	Recurring Contingency	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>20,56,300</b>
<b><u>SUMMARY TABLE</u></b>		
	<b>Part-A (Teaching)</b>	<b>2,59,71,400</b>
	<b>Part-B (Research)</b>	<b>2,24,99,700</b>
	<b>Part-C (Extension)</b>	<b>20,56,300</b>
	<b>Total</b>	<b>5,05,27,400</b>

**RESEARCH & EDUCATION SCHEME NO. 21 (PC-1048.1)**

<b>Name of the Scheme</b>	<b>Establishment of College of Basic Sciences &amp; Humanities.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,33,68,200/-</b>
<b>Year of Start</b>	1966
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Dean, COBS&H, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1048.1)(Controlling Officer: Dean, COBS&amp;H)</u></b>	
<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>
	<b>One Dean</b> in Rs. 37400-67000+ AGP 10000+ 1000 SA <b>Filled</b>
•	<b>Pay of Establishment</b>
	<b>One Admn.-cum-Accounts Officer</b> in Rs. 15600-39100+ GP 5400+ 1200 SA (Both for direct and promote) <b>Vacant (HIA)</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Five Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-5</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-2</b>
	<b>Three Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled-1; Vacant-2</b>
	<b>Four Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-3</b>
	<b>One Punjabi Typist</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>One Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Filled</b>
	<b>One Network-cum-Programming Assistant</b> in Rs. 10300-34800+ GP 4400 <b>Filled</b>
	<b>One Computer Operator</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>Two Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>
	<b>One Computering Assistant (Tech. G-III Engg.)</b> in Rs. 10300-34800+GP 3200 <b>Vacant</b>
	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled</b>

	<b>Six Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-5; Vacant-1</b>	
	<b>Six Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-4</b>	
	<b>Five Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-5</b>	
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled</b>	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	2,95,38,200
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	50,000
	Wages	8,80,000
	Office Contingency	2,50,000
	Recurring Contingency	3,50,000
	Stipend/ Scholarship/ Fellowship	23,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,33,68,200</b>



**RESEARCH & EDUCATION SCHEME NO. 22 (PC-1049.1-1049.2)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Biochemistry.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,72,22,700/-</b>
<b>Year of Start</b>	1966
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Biochemistry, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1049.1)(Controlling Officer: Dean, COBS&amp;H)</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	<b>One Professor (Biochemistry)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (PP for Dr. (Mrs.) Sucheta Sharma)
	<b>Eight Assistant Professor (Biochemistry)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2; Vacant-6 (HIA-1)</b>
● <b>Pay of Establishment</b>	
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Senior Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>Two Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-1; Vacant-1</b>
	<b>Five Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-3; Vacant-2</b>
	<b>Two Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-2</b>
<b>BUDGET ESTIMATES 2023-24</b>	
<b>I. Total Salary of Staff</b>	1,20,32,400
<b>II. Revenue Expenditure</b>	
Travelling Allowance	30,000
Wages	-
Office Contingency	1,25,000
Recurring Contingency	2,50,000
<b>III. Capital Expenditure</b>	
Non Recurring Contingency	-
<b>Total</b>	<b>1,24,37,400</b>

	<b><u>Part-B Research (PC-1049.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Biochemical Basis of expression of important traits in crop Plants.</b>
	<b>Year of Start</b>	<b>1972-73</b>
	<b>PRIMARY UNIT</b>	
	● <b>Pay of Officers</b>	
	<b>Three Principal Biochemist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2; Vacant-1</b> (Two PP for Dr. (Mrs.) Bavita Asthir & Dr. (Mrs.) Manjit Kaur Sangha)	
	<b>Two Senior Biochemist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-1; Vacant-1</b> (One PP for Dr. Satvir Kaur Grewal)	
	<b>Thirteen Biochemist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-7; Vacant-6 (HIA-2)</b>	
	● <b>Pay of Establishment</b>	
	<b>Three Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2; Vacant-1 (HIA-1)</b>	
	<b>Three Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-1; Vacant-2</b>	
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>	
	<b>One Typist/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>	
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>	
	<b>One Lab. Technician/ Sr. Lab. Technician (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant (HIA)</b>	
	<b>One Senior Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>	
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Mechanic (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>Two Senior Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant-2</b>	
	<b>Six Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-1; Vacant-5</b>	
	<b>Six Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-5</b>	
	<b>Four Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs.5910-20200+ GP 1900 <b>Filled-1; Vacant-3</b>	
	<b>Two Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>	

	<b>One Chowkidar in Rs. 4900-10680+ GP 1650 Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,38,17,800
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	30,000
	Wages	1,37,500
	Office Contingency	1,00,000
	Recurring Contingency	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	6,00,000
	<b>Total</b>	<b>3,47,85,300</b>
<b><u>SUMMARY TABLE</u></b>		
	<b>Part-A (Teaching)</b>	<b>1,24,37,400</b>
	<b>Part-B (Research)</b>	<b>3,47,85,300</b>
	<b>Total</b>	<b>4,72,22,700</b>

**RESEARCH & EDUCATION SCHEME NO. 23 (PC-1050.1-1050.2)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Botany.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,77,27,300/-</b>
<b>Year of Start</b>	1965
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Botany, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1050.1)(Controlling Officer: Dean, COBS&amp;H)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Two Professor (Botany)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2</b> (One PP for Dr. (Mrs.) Seema Bedi)
	<b>Five Associate Professor (Botany)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-1; Vacant-4</b> (PP for Dr. Namrata Gupta)
	<b>Three Assistant Professor (Botany)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2; Vacant-1</b>
●	<b>Pay of Establishment</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Artist-cum-Cartographer (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>One Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Vacant (Surplus)</b>
	<b>One Junior Lecture Table Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant (Surplus)</b>
	<b>One Plant Observer (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Herbarium Keeper (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled</b>
	<b>Four Lab. Attendant/ Sr. Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2; Vacant-2</b>
	<b>Five Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-4 (Surplus-1)</b>

	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,31,36,300
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	5,000
	Wages	25,000
	Office Contingency	15,000
	Recurring Contingency	12,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,31,93,300</b>
	<b><u>Part-B Research (PC-1050.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Harmonal Regulation in crops &amp; Fruit Trees.</b>
	<b>Year of Start</b>	<b>1974-75</b>
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	<b>One Principal Plant Physiologist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant (Surplus)</b>	
	<b>Two Principal Botanist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2</b> (Two PP for Dr. (Mrs.) Nirmaljit Kaur & Dr. (Mrs.) Navita Ghai)	
	<b>One Senior Botanist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>	
	<b>Three Botanist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-2</b>	
•	<b>Pay of Establishment</b>	
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>	
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>	
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650+ SA 240 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,44,71,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	5,000
	Wages	30,000
	Office Contingency	15,000
	Recurring Contingency	13,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,45,34,000</b>

<b><u>SUMMARY TABLE</u></b>	
<b>Part-A (Teaching)</b>	<b>2,31,93,300</b>
<b>Part-B (Research)</b>	<b>1,45,34,000</b>
<b>Total</b>	<b>3,77,27,300</b>
<b>One post of Botanist in Part-B has been shifted to scheme no. R&amp;E-06 Part-B.II (PC-1038.2.2) vide no. Admn.III.AU.2021/23837-43 dated 29.9.2021.</b>	

**RESEARCH & EDUCATION SCHEME NO. 24 (PC-1051.1-1051.2)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Chemistry.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,90,13,100/-</b>
<b>Year of Start</b>	1966
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Chemistry, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1051.1)(Controlling Officer: Dean, COBS&amp;H)</u></b>	
<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>
	<b>Two Professor (Chemistry) in Rs. 37400-67000+ AGP 10000/12000 Vacant-2 (HIA-1)</b>
	<b>Two Associate Professor (Chemistry) in Rs. 37400-67000+ AGP 9000 Filled-1; Vacant-1</b>
	<b>Seven Assistant Professor (Chemistry) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-3; Vacant-4 (HIA-3)</b>
•	<b>Pay of Establishment</b>
	<b>Two Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled-2</b>
	<b>One Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA Filled</b>
	<b>One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Vacant</b>
	<b>One Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA Vacant</b>
	<b>One Senior Glass Blower in Rs. 15600-39100+ AGP 6000 Vacant (Surplus)</b>
	<b>One Glass Blower (Tech. G-II. Lab.) in Rs. 10300-34800+ GP 3800 Vacant (Surplus)</b>
	<b>One Senior Lecture Table Assistant (Tech. G-II. Lab.) in Rs. 10300-34800+ GP 3800 Vacant</b>
	<b>One Junior Lecture Table Assistant (Tech. G-III. Lab.) in Rs. 10300-34800+ GP 3200 Vacant</b>
	<b>One Junior Lab. Assistant (Tech. G-III. Store) in Rs. 10300-34800+ GP 3200 Vacant</b>
	<b>Six Lab. Attendant/ Sr. Lab. Attendants (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Filled-6</b>

	<b>Two Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-2 (Surplus-1)</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>One Canner</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,02,73,900
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	25,000
	Wages	1,00,000
	Office Contingency	5,000
	Recurring Contingency	25,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,04,28,900</b>
	<b><u>Part-B Research (PC-1051.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Chemistry of Natural Products and synthesis of Heterocyclic as Agrochemicals.</b>
	<b>Year of Start</b>	<b>1972-73</b>
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	<b>Five Chemist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-5</b>	
	<b>One Plant Pathologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
	<b>One Botanist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant (Surplus)</b>	
•	<b>Pay of Establishment</b>	
	<b>-</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	84,62,200
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Wages	1,00,000
	Office Contingency	2,500
	Recurring Contingency	9,500
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>85,84,200</b>
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-A (Teaching)</b>	<b>2,04,28,900</b>
	<b>Part-B (Research)</b>	<b>85,84,200</b>
	<b>Total</b>	<b>2,90,13,100</b>



**RESEARCH & EDUCATION SCHEME NO. 25 (PC-1052.1-1052.2.3)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Microbiology.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,32,78,100/-</b>
<b>Year of Start</b>	1965
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Microbiology, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1052.1)(Controlling Officer: Dean, COBS&amp;H)</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	<b>Four Associate Professor (Microbiology) in Rs. 37400-67000+ AGP 9000 Filled-2; Vacant-2</b>
	<b>Two Assistant Professor (Microbiology) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-1; Vacant-1</b>
● <b>Pay of Establishment</b>	
	<b>Two Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled-2</b>
	<b>One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Vacant</b>
	<b>One Senior Lab. Assistant (Tech. G-II. Lab.) in Rs. 10300-34800+ GP 3800 Vacant</b>
	<b>Two Lab. Assistant (Tech. G-III. Lab.) in Rs. 10300-34800+ GP 3200 Filled-1; Vacant-1</b>
	<b>One Lab. Attendant/ Sr. Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910- 20200+ GP 1900/2400 Vacant</b>
	<b>One Messenger in Rs. 4900-10680+ GP 1650 Filled</b>
<b>BUDGET ESTIMATES 2023-24</b>	
<b>I. Total Salary of Staff</b>	1,16,28,600
<b>II. Revenue Expenditure</b>	
Travelling Allowance	3,000
Wages	50,000
Office Contingency	1,000
Recurring Contingency	5,000
<b>III. Capital Expenditure</b>	
Non Recurring Contingency	-
<b>Total</b>	<b>1,16,87,600</b>

	<b><u>Part-B Research (PC-1052.2.1)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Development of microbiological process for utilization of agricultural/waste raw material into value added products.</b>
	<b>Year of Start</b>	<b>1985-86</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Principal Microbiologist</b> in Rs.37400-67000+ AGP 10000/12000 <b>Filled</b> (One PP for Dr. Gurvinder Singh Kocher)	
	<b>One Principal Mycologist (Mushroom)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (Lien of Dr. Shammi Kapoor, Dean COBS&H)	
	<b>Seven Microbiologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3; Vacant-4 (HIA-1)</b>	
●	<b>Pay of Establishment</b>	
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>	
	<b>One Senior Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>	
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>Five Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-3; Vacant-2</b>	
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,74,02,400
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	5,000
	Wages	50,000
	Office Contingency	2,000
	Recurring Contingency	15,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,74,74,400</b>
	<b><u>Part-B Research (PC-1052.2.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Research and Development of mushroon cultivation in Punjab.</b>
	<b>Year of Start</b>	<b>1979-80</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>Three Microbiologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-3</b>	
	<b>One Extension Scientist (Microbiology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>	
●	<b>Pay of Establishment</b>	

	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled</b>	
	<b>Two Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-2</b>	
	<b>Four Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-4</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	73,53,800
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	5,000
	Wages	50,000
	Office Contingency	3,000
	Recurring Contingency	12,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>86,11,800</b>
	<b><u>Part-B Research (PC-1052.2.3)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Research on Biofertilizers Development.</b>
	<b>Year of Start</b>	<b>1967</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Senior Microbiologist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b>	
	<b>One Microbiologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>	
	<b>One Microbiologist (Soil Science)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
●	<b>Pay of Establishment</b>	
	<b>Two Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-1; Vacant-1</b> <b>(One post of Lab. Attendant is for the RRS, Ballawal Saunkhri)</b>	
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	54,36,300
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	3,000
	Wages	50,000
	Office Contingency	10,000
	Recurring Contingency	5,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>55,04,300</b>
<b><u>SUMMARY TABLE</u></b>		
	<b>Part-A (Teaching)</b>	<b>1,16,87,600</b>
	<b>Part-B (Research)</b>	
	<b>B-I</b>	<b>1,74,74,400</b>
	<b>B-II</b>	<b>86,11,800</b>
	<b>B-III</b>	<b>55,04,300</b>
	<b>Total</b>	<b>4,32,78,100</b>

**RESEARCH & EDUCATION SCHEME NO. 26 (PC-1053.1)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Agricultural, Journalism, Languages &amp; Culture.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,09,16,400/-</b>
<b>Year of Start</b>	1966
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD, AJL&C, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1053.1)(Controlling Officer: Dean, COBS&amp;H)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Three Professor (Journalism)</b> in Rs.37400-67000+AGP10000/12000 <b>Filled-2; Vacant-1</b> (Two PP for Dr. Sarabjeet Singh & Dr. Sheetal Thapar)
	<b>Two Professor (Punjabi)</b> in Rs.37400-67000+AGP10000/12000 <b>Filled-2</b> (Two PP for Dr. Narinderpal Singh & Dr. (Mrs.) Jagdish Kaur)
	<b>Two Associate Professor (English)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant-2</b>
	<b>One Associate Professor (Punjabi)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>Four Assistant Professor (English)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2; Vacant-2</b>
	<b>Two Assistant Professor (Punjabi)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-2</b>
	<b>One Assistant Professor (Foreign Language)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Assistant Editor (English)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Professor Emeritus</b> in Rs. 25000 (consolidated) on contract basis <b>Vacant</b>
●	<b>Pay of Establishment</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-2</b>
	<b>Three Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-3</b>
	<b>One Media Assistant</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,08,91,400
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	5,000
	Wages	-
	Office Contingency	5,000
	Recurring Contingency	15,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,09,16,400</b>

**RESEARCH & EDUCATION SCHEME NO. 27 (PC-1054.1-1054.3)**

Name of the Scheme		Establishment of Department of Economics & Sociology.
Budget Estimates 2023-24		Rs.6,28,98,300/-
Year of Start		1965
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ HOD Economics & Sociology, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-A Teaching (PC-1054.1)(Controlling Officer: Dean, COBS&H)		
PRIMARY UNIT		
●	Pay of Officers	
	Three Professor (Economics) in Rs.37400-67000+ AGP10000/12000 Filled-3 (Two PP for Dr. Poonam Kataria, Dr. Kamal Vatta)	
	One Professor (Sociology) in Rs.37400-67000+ AGP10000/12000 Filled (PP for Dr. (Mrs.) Shalini Sharma)	
	One Associate Professor (Sociology) in Rs. 37400-67000+ AGP 9000 Vacant (HIA)	
	Fifteen Assistant Professor (Economics) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-2; Vacant-13 (HIA-2)	
	Four Assistant Professor (Sociology) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-4	
●	Pay of Establishment	
	One Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA Vacant	
	One Computer (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant	
	One Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Filled	
	One Messenger in Rs. 4900-10680+ GP 1650+ 240 SA Vacant	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	2,68,80,300
II.	Revenue Expenditure	
	Travelling Allowance	50,000
	Wages	-
	Office Contingency	25,000
	Recurring Contingency	1,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	2,70,55,300

	<b><u>Part-B Research (PC-1054.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>General Marketing and Farm Economics Research.</b>
	<b>Year of Start</b>	<b>1962</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Associate Director (Technology Marketing &amp; IPR Cell) in Rs. 37400-67000+ AGP 10000/12000</b> <b>Vacant</b>	
	<b>One Principal Agricultural Economist in Rs. 37400-67000+ AGP 10000/12000</b> <b>Filled</b> (PP for Dr. (Mrs.) Manjeet Kaur)	
	<b>One Senior Economist in Rs. 37400-67000+ AGP 9000</b> <b>Vacant</b>	
	<b>One Senior Agricultural Economist in Rs. 37400-67000+ AGP 9000</b> <b>Filled</b> (PP for Dr. H.S. Kingra)	
	<b>Eight Agricultural Economist in Rs. 15600-39100+ AGP 6000/7000/8000</b> <b>Filled-2; Vacant-6 (HIA-2)</b>	
	<b>Two Economist (Agricultural Finance) in Rs. 15600-39100+ AGP 6000/7000/8000</b> <b>Vacant-2</b>	
	<b>Two Economist (Quantitative Methods) in Rs. 15600-39100+ AGP 6000/7000/8000</b> <b>Filled-1; Vacant-1</b>	
	<b>Two Economist in Rs. 15600-39100+ AGP 6000/7000/8000</b> <b>Vacant-2</b>	
	<b>One Statistician in Rs. 15600-39100+ AGP 6000/7000/8000</b> <b>Vacant</b>	
	<b>One Economist (Rural Development) in Rs. 15600-39100+ AGP 6000/7000/8000</b> <b>Vacant</b>	
	<b>Two Sociologist (Rural Development) in Rs. 15600-39100+ AGP 6000/7000/8000</b> <b>Vacant-2</b>	
●	<b>Pay of Establishment</b>	
	<b>Five Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA</b> <b>Filled-3; Vacant-2 (HIA-1)</b>	
	<b>Three Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA</b> <b>Vacant-3</b>	
	<b>Two Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively</b> <b>Vacant-2</b>	
	<b>One Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA</b> <b>Vacant</b>	
	<b>One Restorer in Rs. 5910-20200+ GP 2400+ SA 160</b> <b>Vacant</b>	
	<b>Two Agricultural Field Officer in Rs. 15600-39100+ GP 5400</b> <b>Filled-1; Vacant-1</b>	



	<b>One Statistical Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>	
	<b>One Investigator</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>	
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>Eight Computering Assistant (Tech. G-III. Engg.)</b> in Rs.10300-34800 + GP 3200 <b>Vacant-8</b>	
	<b>Sixteen Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Filled-6; Vacant-10</b>	
	<b>Three Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant-3</b>	
	<b>Six Messenger</b> in Rs. 4900-10680+ GP 1650+ 240 SA <b>Vacant-6</b>	
	<b>One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650+ 240 SA <b>Filled</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,50,10,400
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	25,000
	Wages	-
	Office Contingency	10,000
	Recurring Contingency	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,51,45,400</b>
	<b><u>Part-C Extension (PC-1054.3)(Controlling Officer: DEE)</u></b>	
	<b>Section</b>	<b>Farm Advisory Service Scheme.</b>
	<b>Year of Start</b>	<b>1969-70</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>Three Principal Extension Scientist (Agricultural Economics)</b> in Rs. 37400-67000+ AGP 10000 <b>Filled-3</b> (Three PP for Dr. Raj Kumar, Dr. Narinderpal Singh & Dr. (Mrs.) Gurpreet Kaur)	
	<b>Nine District Extension Scientist (Agricultural Economics)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-9</b>	
	<b>One Extension Scientist (Agricultural Economics)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>	
●	<b>Pay of Establishment</b>	
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>	

	<b>One Messenger in Rs. 4900-10680+ GP 1650+ 240 SA Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,06,82,600</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	6,000
	Wages	-
	Office Contingency	4,000
	Recurring Contingency	5,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,06,97,600</b>
<b><u>SUMMARY TABLE</u></b>		
	<b>Part-A (Teaching)</b>	<b>2,70,55,300</b>
	<b>Part-B (Research)</b>	<b>2,51,45,400</b>
	<b>Part-C (Extension)</b>	<b>1,06,97,600</b>
	<b>Total</b>	<b>6,28,98,300</b>
<b>Dr. Vinay Kumar Sharma, Principal Economist in Part-B has been transferred/adjusted to Part-A against the vacant post of Professor vide no. RAU/Admn.I.AU/2023/741-47dated 19.01.2023.</b>		

**RESEARCH & EDUCATION SCHEME NO. 28 (PC-1055.1-1055.2)**

<b>Name of the Scheme</b>	<b>Establishment of the Department of Mathematics, Statistics and Physics.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,44,61,500/-</b>
<b>Year of Start</b>	1966
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Math, Stat. & Physics, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1055.1)(Controlling Officer: Dean, COBS&amp;H)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>Five Professor (Statistics)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-4; Vacant-1</b> (Four PP for Dr.S.S. Sidhu, Dr. Amrit Kaur Mahal, Dr. M. Javed & Dr. Inderjit Singh Grewal)
	<b>One Professor (Physics)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>
	<b>One Associate Professor (Mathematics)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Associate Professor (Statistics)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Associate Professor (Physics)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>Six Assistant Professor (Mathematics)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3; Vacant-3 (HIA-1)</b>
	<b>Three Assistant Professor (Statistics)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-2</b>
	<b>Five Assistant Professor (Physics)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3; Vacant-2</b>
	<b>One Assistant Professor (Programming)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
<b>• Pay of Establishment</b>	
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-2</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant (Surplus)</b>
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>

	<b>One Computer (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant</b>	
	<b>One Lab. Assistant (Tech. G-III. Lab.) in Rs. 10300-34800+ GP 3200 Vacant</b>	
	<b>Six Lab. Attendant/ Sr. Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Filled-2; Vacant-4 (Surplus-2)</b>	
	<b>Two Messenger in Rs. 4900-10680+ GP 1650 Filled-1; Vacant-1</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	4,22,56,800
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Wages	-
	Office Contingency	6,000
	Recurring Contingency	35,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>4,23,07,800</b>
	<b><u>Part-B Research (PC-1055.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Applications of Physics in Agriculture.</b>
	<b>Year of Start</b>	<b>1962</b>
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	<b>One Physicist in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>	
•	<b>Pay of Establishment</b>	
	<b>One Lab. Technician (Tech. G-II. Engg.) in Rs. 10300-34800+ GP 3800 Vacant</b>	
	<b>One Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	21,41,200
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	2,500
	Recurring Contingency	10,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>21,53,700</b>
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-A (Teaching)</b>	<b>4,23,07,800</b>
	<b>Part-B (Research)</b>	<b>21,53,700</b>
	<b>Total</b>	<b>4,44,61,500</b>

**RESEARCH & EDUCATION SCHEME NO. 29 (PC-1056.1- 1056.2)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Zoology.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,38,15,600/-</b>
<b>Year of Start</b>	1966
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Zoology, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1056.1)(Controlling Officer: Dean, COBS&amp;H)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Two Professor (Zoology)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-1; Vacant-1</b> (One PP for Dr. (Mrs.) Devinder Kaur Kocher)
	<b>Three Associate Professor (Zoology)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-1; Vacant-2</b> (One PP for Dr. Randeep Kaur Aulakh)
	<b>Three Assistant Professor (Zoology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-2</b>
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>Two Senior Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled-1; Vacant-1</b>
	<b>One Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>One Lab. Attendant/ Sr. Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled</b>
	<b>One Museum Assistant (Tech. G.III Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	1,69,65,100
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Wages	-
	Office Contingency	80,000
	Recurring Contingency	2,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,72,55,100</b>
<b><u>Part-B Research (PC-1056.2)(Controlling Officer: DR)</u></b>		
	<b>Year of Start</b>	<b>2017-18</b>
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	<b>One Principal Zoologist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b>	
	<b>One Senior Zoologist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b>	
	<b>One Zoologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>	
•	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	63,95,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	5,000
	Wages	-
	Office Contingency	10,000
	Recurring Contingency	1,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>65,60,500</b>
<b><u>SUMMARY TABLE</u></b>		
	<b>Part-A (Teaching)</b>	<b>1,72,55,100</b>
	<b>Part-B (Research)</b>	<b>65,60,500</b>
	<b>Total</b>	<b>2,38,15,600</b>

**RESEARCH & EDUCATION SCHEME NO. 30 (PC-1057.1-1057.2)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Business Management.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,93,47,500/-</b>
<b>Year of Start</b>	1971-72
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Director, School of Business Studies, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1057.1) (Controlling Officer: Dean, COBS&amp;H)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>Ten Professor (Business Management)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-9; Vacant-1</b> (Eight PP for Dr. Sandeep Kapur, Dr. (Mrs.) Pratibha Goyal, Dr. (Mrs.) Gagandeep Banga, Dr. (Mrs.) Babita Kumar, Dr. Lalit Mohan Kathuria, Dr. Ramandeep Singh, Dr. Khushdeep Dharni & Dr. Navdeep Aggarwal)
	<b>Three Associate Professor (Business Management)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-1; Vacant-2</b> (One PP for Dr. Mohit Gupta)
	<b>One Assistant Professor (Business Management)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1</b>
<b>• Pay of Establishment</b>	
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>Two Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled-1; Vacant-1</b>
	<b>One Lab. Attendant/ Sr. Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled</b>
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,87,02,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	45,000
	Wages	4,50,000
	Office Contingency	60,000
	Recurring Contingency	90,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,93,47,500</b>
	<b><u>Part-B Research (PC-1057.2)(Controlling Officer: DR)</u></b>	
	<b>Section</b>	<b>Management Studies of Agro-industries in Punjab.</b>
	<b>Year of Start</b>	<b>1990-91</b>
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	<b>One Business Management Analyst in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>	
•	<b>Pay of Establishment</b>	
	<b>-</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	-
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-A (Teaching)</b>	<b>3,93,47,500</b>
	<b>Part-B (Research)</b>	-
	<b>Total</b>	<b>3,93,47,500</b>



**RESEARCH & EDUCATION SCHEME NO. 31 (PC--1066.3)**

<b>Name of the Scheme</b>	<b>Establishment of College of Home Science.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.18,11,38,000/-</b>
<b>Year of Start</b>	1966-67
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Dean, College of Home Science, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1066.1)(Controlling Officer: Dean, COHSc.)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Dean</b> in Rs. 37400-67000+ AGP 10000+ SA 1000 <b>Filled</b>
	<b>Two Professor (F&amp;N)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2</b> (One PP for Dr. Jaswinder Kaur Brar)
	<b>Two Professor (FRM)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-1;Vacant-1</b> (One PP for Dr. (Mrs.) Harpinder Kaur)
	<b>Three Professor (HD&amp;FS)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-3</b> (Three PP for Dr. (Mrs.) Tejpreet Kaur Kang, Dr. (Mrs.) Deepika Vig and Dr. Seema Sharma)
	<b>Three Professor (EE&amp;CM)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2;Vacant-1</b> (Two PP for Dr. (Mrs.) Kanwaljit Kaur Aulakh & Dr. Kiranjot Sidhu)
	<b>Two Professor (ATS)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-1;Vacant-1</b> (One PP for Dr. (Mrs.) H. Saini)
	<b>Three Associate Professor (F&amp;N)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-3</b> (Two PP for Dr. Sonika Sharma & Dr. Harpreet Kaur)
	<b>Two Associate Professor (FRM)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-2</b> (One PP for Dr. Sharanbir Kaur Bal)
	<b>Two Associate Professor (HD&amp;FS)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant-2</b>
	<b>One Associate Professor (Clinical Psychology)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Associate Professor (EE&amp;CM)</b> in Rs.37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Associate Professor (ATS)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>

	<b>Four Assistant Professor (F&amp;N) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-1; Vacant-3</b>
	<b>Four Assistant Professor (FRM) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant-4</b>
	<b>Three Assistant Professor (EE&amp;CM) in Rs. 15600-39100+AGP 6000/7000/8000 Filled-3</b>
	<b>Three Assistant Professor (ATS) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-1; Vacant-2</b>
	<b>Three Assistant Professor (HD&amp;FS) in Rs. 15600-39100+AGP 6000/7000/8000 Filled-2; Vacant-1</b>
●	<b>Pay of Establishment</b>
	<b>One Admn-cum-Accounts Officer in Rs. 15600-39100+ GP 5400+ 1200 SA (both for direct and promote) Filled</b>
	<b>One Personal Assistant in Rs. 15600-39100+ GP 5400+ 1200 SA (Dean Office) Filled</b>
	<b>Eleven Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA (Dean Office-5, F&amp;N-2, FRM-1, EE&amp;CM-1, ATS-1 and HD&amp;FS-1) Filled-11</b>
	<b>Four Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA (Dean Office-1, F&amp;N-1, FRM-1 and HD&amp;FS-1) Filled-2; Vacant-2 (HD&amp;FS-1, F&amp;N-1)</b>
	<b>Five Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA (Dean Office-2, F&amp;N-1, FRM-1 and ATS-1) Filled-3; Vacant-2 (Dean Office-1, FRM-1)</b>
	<b>Six Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively (Dean Office-2, FRM-1, EE&amp;CM-1, ATS-1 &amp; HD&amp;FS-1) Filled-3; Vacant-3 (Dean Office-1, FRM-1, HD&amp;FS-1)</b>
	<b>Two Nursery School Teacher in Rs. 10300-34800+ GP 3600 with senior scale of Rs. 10300-34800+ GP 3800 after 8 years service Rs. 10300-34800+ GP 4200 after 18 years service for those who have done B.Ed. or B. Science (H.Sc.) 4/5 year programme from Agricultural University. (HD&amp;FS) Filled-2</b>
	<b>One Lab. Tech./ Sr. Lab. Tech. (Tech. G-II. Engg.) in Rs. 10300-34800+ GP 3800 (FRM) Filled</b>
	<b>One Technical Assistant (Tech. G-II. Engg.) in Rs. 10300-34800+ GP 3800 Vacant (F&amp;N)</b>
	<b>One Instructor in Rs. 10300-34800+ GP 3600 (FRM) Vacant</b>
	<b>Two Store Keeper (Tech. G.III Store) in Rs. 10300-34800+ GP 3200 (Dean Office-1, F&amp;N-1) Filled-1; Vacant-1 (F&amp;N)</b>
	<b>Four Junior Lab. Assistant (Tech. G.III Lab.) in Rs. 10300-34800+ GP 3200 (FRM-1, EE&amp;CM-1, ATS-1 and HD&amp;FS-1) Filled-3; Vacant-1 (EE&amp;CM)</b>
	<b>Twelve Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 (Dean Office-2, FRM-3, EE&amp;CM-2, ATS-2, F&amp;N-2 and HD&amp;FS-1) Filled-8; Vacant-4 (F&amp;N-1, EECM-1, FRM-1, ATS-1)</b>

	<b>One Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 (Dean Office) <b>Vacant</b>	
	<b>One Bus Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 (Dean Office) <b>Vacant</b>	
	<b>Two Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 (Dean Office-1; F&N-1) <b>Filled-1; Vacant-1 (F&amp;N)</b>	
	<b>One Cook</b> in Rs. 5910-20200+ GP 1900 (HD&FS) <b>Vacant</b>	
	<b>Twelve Messenger</b> in Rs. 4900-10680+ GP 1650 (Dean Office-4, FRM-2, EE&CM-1, ATS-1, F&N-2 and HD&FS-2) <b>Filled-3; Vacant-9 (Dean Office-3, HD&amp;FS-1, EE&amp;CM-1, ATS-1, FN-1, FRM-2)</b>	
	<b>One Bus Cleaner</b> in Rs. 4900-10680+ GP 1650 (Dean Office) <b>Vacant</b>	
	<b>Four Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-2</b>	
	<b>Four Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-2</b>	
	<b>One Mali</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 (FRM) <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	15,66,05,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	2,00,000
	Wages	10,00,000
	Office Contingency	8,00,000
	Recurring Contingency	10,00,000
	Stipend/ Scholarship/ Fellowship	10,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>16,06,05,500</b>
	<b><u>Part-B Research (PC-1066.2) (Controlling Officer: DR)</u></b>	
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>One Principal Scientist (HD&amp;FS)</b> in Rs. 37400-67000+AGP 10000/12000 <b>Filled</b> (PP for Dr. (Mrs.) Asha Chawla)	
	<b>Two Scientist (ATS)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-2</b>	
	<b>Two Scientist (F&amp;N)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2</b>	
	<b>One Scientist (EE&amp;CM)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>	
	<b>One Scientist (FRM)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>	
●	<b>Pay of Establishment</b>	
	-	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,24,06,800
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	55,000
	Wages	-
	Office Contingency	70,000
	Recurring Contingency	70,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,26,01,800</b>
	<b><u>Part-C Extension (PC-1066.3)(Controlling Officer: DEE)</u></b>	
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	<b>One Principal Extension Scientist (F&amp;N) in Rs.37400-67000+AGP10000/12000 Filled</b> (One PP for Dr. Kiran Grover)	
	<b>One Extension Scientist (HD&amp;FS) in Rs.15600-39100+ AGP 6000/7000/8000 Filled</b>	
	<b>Two Assistant Professor (ATS) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant-2</b>	
	<b>One Extension Scientist (FRM) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>	
•	<b>Pay of Establishment</b>	
	-	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	77,95,700
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	30,000
	Wages	-
	Office Contingency	55,000
	Recurring Contingency	50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>79,30,700</b>

<b><u>SUMMARY TABLE</u></b>	
<b>Part-A (Teaching)</b>	<b>16,06,05,500</b>
<b>Part-B (Research)</b>	<b>1,26,01,800</b>
<b>Part-C (Extension)</b>	<b>79,30,700</b>
<b>Total</b>	<b>18,11,38,000</b>
<b>One post of Museum Assistant and one post of Chowkidar from Part-A have been shifted to Scheme No. R&amp;E-76 (PC-1016.3) vide No.RAU/ Admn. VIII. AU. 2022/ 13693-99 dated 22.11.2022.</b>	
<b>Dr. Seema Sharma, Principal Extension Scientist (HD&amp;FS) from Part-C has been adjusted in Part-A against the post of Professor vide no.Admn.III.AU.2022/5139-46 dated 24.05.2022.</b>	

**RESEARCH & EDUCATION SCHEME NO. 32 (PC-1069.1)**

Name of the Scheme		PAU, Model High School at Kaoni.
Budget Estimates 2023-24		Rs.1,17,03,200/-
Year of Start		1998
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Incharge, PAU Model High School, Kaoni
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-A Teaching (PC-1069.1) (Controlling Officer: Dean, COHSc)		
PRIMARY UNIT		
●	Pay of Officers	
	One Principal in Rs. 15600-39100+ GP 6600 Vacant	
●	Pay of Establishment	
	Twelve Trained Graduate Teacher in Rs. 10300-34800+ GP 5000 Filled-7 (6 TGT & 1 ETT); Vacant-5	
	Six Trained Graduate Teacher in Rs. 10300 PM Fixed Vacant-6	
	One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Vacant	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	1,07,28,200
II.	Revenue Expenditure	
	Travelling Allowance	30,000
	Wages	7,00,000
	Office Contingency	25,000
	Recurring Contingency	2,20,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	1,17,03,200

**RESEARCH & EDUCATION SCHEME NO. 33 (PC-1072.2)**

Name of the Scheme	i) State share in All India Coordination Research Projects and other Schemes. ii) State share on account of personal promotion in ICAR and other Schemes. iii) State share for works/R.O.C. financed by ICAR and other Agencies.	
Budget Estimates 2023-24	Rs.16,50,00,000/-	
Year of Start	1986-87	
Duration of Project	Continuous Nature	
Headquarter/ Drawing & Disbursing Officer	Ludhiana, Comptroller, PAU	
Terms and Conditions	State : ICAR	
Income, if any	-	
<u>Statement of Cost for the year 2023-24</u>		
PRIMARY UNIT		
	State/ University share on account of All India Coordination Research Projects/ personal promotion of Scientists working in ICAR Schemes and works financed by other Agencies.	
	BUDGET ESTIMATES 2023-24	
	Total	16,50,00,000

**RESEARCH & EDUCATION SCHEME NO. 34 (PC-1007.2)**

<b>Name of the Scheme</b>	<b>Establishment of Directorate of Research.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,50,59,700/-</b>
<b>Year of Start</b>	1962-63
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana / Director of Research, PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1007.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Director of Research</b> in Rs. 37400-67000+ AGP 10000+ SA 1000 <b>Vacant</b>
	<b>Four Additional Director of Research</b> in Rs. 37400-67000+ AGP 10000+ SA 800 (One each in the discipline of Horticulture & Food Science, Natural Resources & Plant Health Management, Farm Mechanization & Bio Energy and Crop Improvement-cum- Director, Dr. Gurdev Singh Khush Institute of Genetics, Plant Breeding & Biotechnology) <b>Filled-3; Vacant-1</b>
	<b>One Associate Director of Research</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b>
	<b>One Senior Editor Research</b> in Rs. 37400-67000+ AGP 10000 <b>Vacant</b>
	<b>One Assistant Director of Research</b> in Rs. 15600-39100+ AGP 6000 <b>Vacant</b>
●	<b>Pay of Establishment</b>
	<b>One Accounts Officer</b> in Rs. 15600-39100+ GP 7600+ 1200 SA <b>Filled</b>
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Three Personal Assistant</b> in Rs. 10300-34800+ GP 4800+ 600 SA <b>Filled-2; Vacant-1</b>
	<b>Six Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-6</b>
	<b>Four Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2; Vacant-2</b>
	<b>Five Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-4</b>
	<b>Five Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled-2; Vacant-3</b>



	<b>One Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Filled</b>	
	<b>One Programmer</b> in Rs. 15600-39100+ GP 5400 <b>Filled</b>	
	<b>One Art Executive-cum-Photo Officer</b> in Rs. 10300-34800+ GP 5000 <b>Vacant</b>	
	<b>Three Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled-2; Vacant-1</b>	
	<b>One Library Attendant</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>Five Messenger</b> in Rs. 4900-10680+ GP 1650+ 240 SA <b>Filled-4; Vacant-1</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	6,08,09,700
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,50,000
	Wages	6,00,000
	Office Contingency	10,00,000
	Recurring Contingency	20,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	5,00,000
	<b>Total</b>	<b>6,50,59,700</b>
<b>One post of Web Designer in Rs.10300-34800 + GP 3200 has been shifted to Scheme R&amp;E-16 (PC-1061.1) vide No. Admn.VIII.AU/2022/13495-501 dated 18.11.2022.</b>		

**RESEARCH & EDUCATION SCHEME NO. 35 (PC-1008.2)**

<b>Name of the Scheme</b>	<b>Research on Seed Production and Safe Storage of Vegetable Seeds.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,74,51,700/-</b>
<b>Year of Start</b>	1974-75
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana /Associate Director (Seeds), PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1008.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Associate Director (Seeds) in Rs. 37400-67000+ AGP 10000 Filled</b>
	<b>One Senior Scientist (Seed Production) in Rs. 37400-67000+ AGP 9000 Vacant</b>
	<b>One Plant Physiologist in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>
	<b>One Plant Physiologist (Seeds) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>
	<b>One Vegetable Botanist in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant (HIA)</b>
	<b>Two Olericulturist (Seed Production) in Rs.15600-39100+ AGP 6000/7000/8000 Vacant-2 (HIA-1)</b>
	<b>One Scientist (Seed Production) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>
	<b>One Horticulturist in Rs. 15600-39100+ AGP 6000/7000/8000 Filled</b>
<b>● Pay of Establishment</b>	
	<b>One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled</b>
	<b>One Senior Lab. Assistant (Tech. G-II. Lab.) in Rs. 10300-34800+ GP 3800 Vacant</b>
	<b>Ten Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Filled-2; Vacant-8 (HIA-2)</b>
	<b>One Mali in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Vacant</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,64,61,700
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	50,000
	Wages	2,20,000
	Office Contingency	60,000
	Recurring Contingency	6,60,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,74,51,700</b>

**RESEARCH & EDUCATION SCHEME NO. 36 (PC-1009.2)**

<b>Name of the Scheme</b>	<b>Development and Management at Agricultural Farms.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,14,57,100/-</b>
<b>Year of Start</b>	1961-62
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana /Director (Farm), PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1009.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Deputy Director (Farm) in Rs. 37400-67000+ AGP 9000</b> <b>Filled</b> (PP for Dr. Balkaran Singh Gill)
	<b>One Senior Scientist (Soil &amp; Water Engineering) in Rs. 37400-67000+ AGP 9000</b> <b>Filled</b>
	<b>One Scientist (Crop Production) in Rs. 15600-39100+ AGP 6000/7000/8000</b> <b>Vacant</b>
<b>• Pay of Establishment</b>	
	<b>One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA</b> <b>Filled</b>
	<b>One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA</b> (50:50) respectively <b>Filled</b>
	<b>One Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA</b> <b>Vacant</b>
	<b>One Store Keeper (Tech. G-III. Store) in Rs. 10300-34800+ GP 3200</b> <b>Vacant</b>
	<b>One Agricultural Sub Inspector (Tech. G.III Field) in Rs. 10300-34800+ GP 3200/ Sr. ASI in Rs. 10300-34800+ GP 4200</b> <b>Filled</b>
	<b>One Plant Observer (Tech. G.III Field) in Rs. 10300-34800+ GP 3200</b> <b>Vacant</b>
	<b>Nine Tractor Driver (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200+ SA 1000</b> <b>Filled-8 (one for Bathinda); Vacant-1</b>
	<b>One Tractor Mechanic (Tech. G.II Engg.) in Rs. 10300-34800+ GP 3800</b> <b>Vacant</b>
	<b>One Pump Mechanic (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200</b> <b>Filled</b>
	<b>One Electrical Foreman (Tech. G.II Engg.) in Rs. 10300-34800+ GP 3800</b> <b>Vacant</b>

	<b>Eight Tubewell Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-1; Vacant-7</b>	
	<b>Eleven Assistant Tubewell Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-1; Vacant-10</b>	
	<b>Two Store Mate (Tech. G.IV Store)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant-2</b>	
	<b>Two Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>	
	<b>Two Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>Seventeen Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-5; Vacant-12 (HIA-1)</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,89,07,100
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	30,000
	Wages	13,20,000
	Office Contingency	1,00,000
	Recurring Contingency	9,00,000
<b>III.</b>	<b>Capital Expenditure</b>	2,00,000
	Non Recurring Contingency	
	<b>Total</b>	<b>3,14,57,100</b>

**RESEARCH & EDUCATION SCHEME NO. 37 (PC-1010.2)**

<b>Name of the Scheme</b>	<b>Application of Biotechnology in Crop Improvement.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,87,37,100/-</b>
<b>Year of Start</b>	1985-86
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana /Director SOAB, PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1010.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>Two Professor (Biotechnology)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2</b>
	<b>One Principal Biotechnologist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (PP for Dr. Navraj Kaur Sarao)
	<b>Four Principal Molecular Geneticist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-4</b> (Two PP for Dr. Yogesh Vikal & Dr. Parveen Chhuneja)
	<b>One Professor (Genetics)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b>
	<b>One Senior Biotechnologist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Fruit Biotechnologist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b> (PP for Dr. Gurupkar Singh Sidhu)
	<b>One Molecular Geneticist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Biotechnologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Assistant Professor (Biotechnology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Bioinformatician</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
<b>● Pay of Establishment</b>	
	<b>Three Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-3</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>

	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>	
	<b>One Refrigeration Mechanic-cum-Operator (Tech. G-II Engg.)</b> in Rs. 10300-34800+GP 3800 <b>Vacant</b>	
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>	
	<b>One Junior Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>	
	<b>One Junior Scientific Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>	
	<b>Three Lab. Attendant (Tech. G.IV Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2; Vacant-1</b>	
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2</b>	
	<b>Four Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-4</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	4,73,37,100
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	30,000
	Wages	3,00,000
	Office Contingency	70,000
	Recurring Contingency	10,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>4,87,37,100</b>

**RESEARCH & EDUCATION SCHEME NO. 38 (PC-1011.3)**

<b>Name of the Scheme</b>	<b>Establishment of Directorate of Extension Education, PAU.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,27,03,400/-</b>
<b>Year of Start</b>	2012-13
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana / Director of Extension Education, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-C Extension (PC-1011.3)(Controlling Officer: DEE)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Director of Extension Education</b> in Rs. 37400-67000+ AGP 10000+ SA 1000 <b>Vacant</b>
	<b>Two Additional Director of Extension Education</b> in Rs. 37400-67000+ AGP 10000/12000+ SA 800 <b>Filled-2</b>
	<b>One Extension Scientist (PR)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Extension Scientist</b> in Rs. 15600-39100+AGP 6000/7000/8000 <b>Vacant</b>
<b>• Pay of Establishment</b>	
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA (CAU) <b>Filled</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Four Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-4</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>
	<b>Two Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled-1; Vacant-1</b>
	<b>One Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Vacant</b>
	<b>Two Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled-1; Vacant-1</b>
	<b>Two Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Filled-2</b>



	<b>One Lab. Attendant (Tech. G.IV Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>	
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>Three Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-1</b>	
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,11,53,400
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,70,000
	Wages	30,000
	Office Contingency	50,000
	Recurring Contingency	13,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,27,03,400</b>

**RESEARCH & EDUCATION SCHEME NO. 39 (PC-1012.3)**

<b>Name of the Scheme</b>	<b>Farm Advisory Service Scheme.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,32,27,600/-</b>
<b>Year of Start</b>	1963-64
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana / Director of Extension Education, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-C Extension (PC-1012.3)(Controlling Officer: DEE)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Extension Scientist (Extension) in Rs. 37400-67000+ AGP 10000 (HIA)</b> <b>Vacant</b>
	<b>One Deputy Director (Extension Education) in Rs. 37400-67000+ AGP 9000</b> <b>Vacant</b>
	<b>One Senior Extension Scientist in Rs. 37400-67000+ AGP 9000</b> <b>Filled</b>
●	<b>Pay of Establishment</b>
	<b>Two Personal Assistant in Rs. 10300-34800+ GP 4800+ 600 SA</b> <b>Filled-1; Vacant-1</b>
	<b>Three Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA</b> <b>Filled-3</b>
	<b>Two Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA</b> <b>Vacant-2</b>
	<b>Twenty One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively</b> <b>Filled-3; Vacant-18</b>
	<b>One Programmer in Rs. 15600-39100+ GP 5400</b> <b>Filled</b>
	<b>One Junior Scientific Assistant(Tech. G.II Lab.) in Rs. 10300-34800+GP 3800</b> <b>Vacant</b>
	<b>One Web Designer in Rs. 10300-34800+ GP 3200</b> <b>Filled</b>
	<b>One Store Keeper (Tech. G-III. Store) in Rs. 10300-34800+ GP 3200</b> <b>Filled</b>
	<b>One Truck Driver in Rs. 5910-20200+ GP 2400+ SA 1400</b> <b>Filled</b>
	<b>Eleven Jeep Driver in Rs. 5910-20200+ GP 2400+ SA 1400</b> <b>Filled-4; Vacant-7</b>
	<b>Two Chowkidar in Rs. 4900-10680+ GP 1650</b> <b>Vacant-2</b>
	<b>One Sweeper in Rs. 4900-10680+ GP 1650</b> <b>Filled</b>

	<b>Seven Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-5; Vacant-2</b>	
	<b>Sixty Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-7; Vacant-53 (on contract-7)</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,95,88,600
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	2,00,000
	Wages	2,75,000
	Office Contingency	2,00,000
	Recurring Contingency Campaigns/ Demonstrations, Nutritional Security, Knowledge Promotional Programme, Manpower & Others (POL, unforeseen expenses)	1,29,64,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>5,32,27,600</b>
<b>Dr. Vishal Bector, Associate Director (Industrial Linkages) has been transferred in the scheme R&amp;E-13 Part-C (PC-1058.3) vide No. RAU/Admn-I.AU/2022/13878-84 dated 24.11.2022.</b>		

**RESEARCH & EDUCATION SCHEME NO. 40 (PC-1013.3)**

<b>Name of the Scheme</b>	<b>Vocational Agricultural Training School at Gurdaspur.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. -</b>
<b>Year of Start</b>	1974-75
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Gurdaspur/Associate Director (Trg.) KVK, Gurdaspur.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-CExtension (PC-1013.3)(Controlling Officer: DEE)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Deputy Director Extension Education (Training)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant (HIA)</b>
	<b>One Assistant Professor (Vegetable Crops)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Assistant Professor (Animal Science)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Assistant Director (Vety)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant (HIA)</b>
<b>• Pay of Establishment</b>	
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-2</b>
	<b>One Cine Mechanic (Tech. G-III Engg.)</b> in Rs. 10300-34800+GP 3200 <b>Vacant</b>
	<b>One Vety. Compounder Gr-I (Tech. G-III. Lab.)</b> in Rs. 10300-34800+GP 3200 <b>Vacant</b>
	<b>One Cook-cum-Attendant</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	-

**RESEARCH & EDUCATION SCHEME NO. 41 (PC-1014.3)**

<b>Name of the Scheme</b>	<b>Centre for training in service Extension Personnels, Farmers &amp; Farm Women at Kairon Kisan Ghar, PAU.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,55,85,000/-</b>
<b>Year of Start</b>	1965-66
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana / Director of Extension Education, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-C Extension (PC-1014.3) (Controlling Officer: DEE)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Two Principal Extension Scientist in Rs. 37400-67000+ AGP 10000 Filled-1; Vacant-1</b> (One PP for Dr. (Mrs.) Rupinder Kaur)
	<b>One Principal Extension Scientist (Animal Science) in Rs. 37400-67000+ AGP 10000 Filled</b> (PP for Dr. Manoj Sharma)
	<b>One Associate Director (Skill Development) in Rs. 37400-67000+ AGP 10000 Vacant</b>
	<b>One Senior Extension Scientist in Rs. 37400-67000+ AGP 9000 Vacant</b>
	<b>Two Extension Scientist (Agronomy) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant-2</b>
	<b>Four Extension Scientist (Fruits) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-1; Vacant-3</b>
	<b>One Extension Scientist (Vegetables) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>
	<b>One Extension Scientist (Soil Science) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>
	<b>One Extension Scientist (Entomology) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>
	<b>One Extension Scientist (Agricultural Engineering) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>
	<b>One Extension Scientist in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>
●	<b>Pay of Establishment</b>

	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Four Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2; Vacant-2</b>
	<b>Three Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-3</b>
	<b>Three Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively (one for CAU) <b>Filled-1; Vacant-2</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>Two Artist-cum-Photographer (Tech. G-II Lab.)</b> in Rs. 10300-34800+GP 3800 <b>Vacant-2</b>
	<b>Two Extension Demonstrator (Tech. G-II Lab.)</b> in Rs. 10300-34800+GP 3800 <b>Filled-2</b>
	<b>Two Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Vacant-2</b>
	<b>One Visitor Guide (Tech. G-II Lab.)</b> in Rs. 10300-34800+GP 3800 <b>Vacant</b>
	<b>One Projector Operator (Tech. G-II Engg.)</b> in Rs. 10300-34800+GP 3800 <b>Vacant</b>
	<b>One Tractor Driver (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Vacant</b>
	<b>Two Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant-2</b>
	<b>One Bus Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled</b>
	<b>Two Car Supervisor</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled-2</b>
	<b>Two Cook</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-1</b>
	<b>One Audio Visual Attendant</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>One Bus Cleaner</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
	<b>Six Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-4</b>
	<b>Six Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-5</b>
	<b>Eleven Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-3; Vacant-8 (HIA-2)</b>
	<b>Seven Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200 + GP1900 <b>Filled-3; Vacant-4</b>

	<b>One Mali</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+GP 1900 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,52,35,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	30,000
	Office Contingency	60,000
	Recurring Contingency	2,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,55,85,000</b>



**RESEARCH & EDUCATION SCHEME NO. 42 (PC-1083.1)**

<b>Name of the Scheme</b>	<b>Establishment of College of Horticulture &amp; Forestry.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,09,31,500/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Dean, Horticulture & Forestry, PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1083.1) Controlling Officer: Dean, H&amp;F</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Dean</b> in Rs. 37400-67000 + AGP 10000 + 1000 SA <b>Filled</b>
	<b>One Professor</b> in Rs. 37400-67000 + AGP 10000/12000 <b>Filled</b>
<b>• Pay of Establishment</b>	
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>One Personal Assistant</b> in Rs. 10300-34800+ GP 4800+ 600 SA (Lower Scale) <b>Filled</b>
	<b>Three Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-3</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Three Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-2</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled</b>
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>
	<b>Three Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-2</b>
	<b>Two Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>
	<b>Two Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>
	<b>One Mali</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+GP 1900 <b>Vacant</b>

<b>BUDGET ESTIMATES 2023-24</b>			
<b>I.</b>	<b>Total Salary of Staff</b>		1,73,11,500
<b>II.</b>	<b>Revenue Expenditure</b>		
	Travelling Allowance		20,000
	Wages		5,00,000
	Office Contingency		5,00,000
	Recurring Contingency		4,00,000
	Stipend/ Scholarship/ Fellowship		18,00,000
<b>III.</b>	<b>Capital Expenditure</b>		
	Non Recurring Contingency		4,00,000
	<b>Total</b>		<b>2,09,31,500</b>
Name of Post	No. of Post	Scheme from which shifted/ No. of Post	Vide RAU No.
Superintendant	1	R&E-21 (PC-1048.1)/ (1)	Admn.VII.AU.2020/ 4316-32 dated 12.3.2020
Senior Assistant	3	R&E-10 (PC-1042.2)/ (1) R&E-55 (PC-1046.2)/ (1) R&E-56 (PC-1047.2)/ (1)	
Senior Scale Stenographer	1	R&E-55 (PC-1046.2)/ (1)	
Steno Typist	1	R&E-02 (PC-1023.1)/ (1)	
Clerk	3	R&E-02 (PC-1023.1)/ (2) R&E-56 (PC-1047.2)/ (1)	
Store Keeper	1	R&E-55 (PC-1046.2)/ (1)	
Driver	1	R&E-55 (PC-1046.2)/ (1)	
Messenger	3	R&E-02 (PC-1023.1)/ (3)	
Chowkidar	2	R&E-02 (PC-1023.1)/ (1) R&E-55 (PC-1046.2)/ (1)	
Sweeper	2	R&E-02 (PC-1023.1)/ (2)	
Mali	1	R&E-12 (PC-1044.1)/ (1)	
One Post of Personal Assistant in lower scale created by merging (two posts of Steno Typist) one each from Scheme No. PAU-1 (PC-1001) (RAU) and R&E-17 (PC-1062.1) vide RAU No. Admn.VII.AU.2020/4316-32 dated 12.3.2020.			
One post of Professor (Dr. W.S. Dhillon) has been shifted from Scheme No. R&E-10 Part-A (PC-1042.1) as conveyed vide no. 762-65 dated 18.5.2020.			
Two posts of Senior Assistants (one from each R&E-55 (PC-1046.2) and R&E-56 (PC-1047.2)) have been shifted back. However, two posts of Senior Assistants (one from each (R&E-02 (PC-1023.1) and R&E-66 CAU (PC-1001)) have been shifted in this scheme vide no. RAU/Admn.II.AU.2020/6556-65 dated 23.6.2020			

**RESEARCH & EDUCATION SCHEME NO. 43 (PC-1026.2)**

<b>Name of the Scheme</b>	<b>Improvement of Forage Crops Department of Plant Breeding &amp; Genetics, PAU, Ludhiana.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,35,01,800/-</b>
<b>Year of Start</b>	1974-75
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana / Head, Department of PB&G, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1026.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Two Principal Forage Breeder</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-1; Vacant-1</b> (PP for Dr. R.S. Sohu)
	<b>One Senior Entomologist (Forage)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Forage Breeder (Legume)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant (HIA)</b>
	<b>One Senior Breeder Forage</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b>
	<b>One Nutritionist (Forage)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Scientist (Animal Science)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Forage Breeder (Legume)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant (HIA)</b>
	<b>One Forage Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Agronomist (Forage)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
●	<b>Pay of Establishment</b>
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-1; Vacant-1</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-1; Vacant-1</b>
	<b>Three Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-3</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>

	<b>One Tractor Driver (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Filled</b>
	<b>Two Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Vacant-2</b>
	<b>One Senior Lab. Assistant (Tech. G-II Lab.)</b> in Rs. 10300-34800+GP 3800 (Research and Evaluation) <b>Filled</b>
	<b>One Junior Lab. Assistant (Tech. G-III Lab.)</b> in Rs. 10300-34800+GP 3200 <b>Filled</b>
	<b>Six Plant Observer/ Fieldmen (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-6</b>
	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
	<b>Three Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-3</b>
	<b>Ten Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP1900 <b>Vacant-10</b>
<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b> 3,30,81,800
<b>II.</b>	<b>Revenue Expenditure</b>
	Travelling Allowance 10,000
	Wages 3,50,000
	Office Contingency 10,000
	Recurring Contingency 50,000
<b>III.</b>	<b>Capital Expenditure</b>
	Non Recurring Contingency -
	<b>Total</b> 3,35,01,800

**RESEARCH & EDUCATION SCHEME NO. 44 (PC-1027.2)**

Name of the Scheme		Quality Breeding in Cereals and pulses.
Budget Estimates 2023-24		Rs.1,33,84,500/-
Year of Start		1971-72
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana / Head, Department of PB&G, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-B Research (PC-1027.2)(Controlling Officer: DR)		
PRIMARY UNIT		
●	Pay of Officers	
	One Principal Analyst (Cereal & Pulses) in Rs.37400-67000+AGP 10000/12000 Vacant	
	One Senior Breeder in Rs. 37400-67000+ AGP 9000 Vacant	
	One Analyst (Cereals & Pulses) in Rs.15600-39100+ AGP 6000/7000/8000 Vacant	
●	Pay of Establishment	
	One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled	
	One Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA Vacant	
	Two Senior Lab. Assistant (Tech. G-II Lab.) in Rs. 10300-34800+GP 3800 Filled-2	
	Two Junior Lab. Assistant (Tech. G-III Lab.) in Rs. 10300-34800+GP 3200 Vacant-2	
	One Lab. Attendant (Tech. G.IV Lab.) in Rs. 5910-20200+ GP 1900/2400 Vacant	
	One Messenger in Rs. 4900-10680+ GP 1650 Vacant	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	1,33,01,500
II.	Revenue Expenditure	
	Travelling Allowance	5,000
	Wages	50,000
	Office Contingency	3,000
	Recurring Contingency	25,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	1,33,84,500

**RESEARCH & EDUCATION SCHEME NO. 45 (PC-1028.2)**

Name of the Scheme		Facilities for off-season growing of breeding material of various crops in Lahaul Valley and Southern India.
Budget Estimates 2023-24		Rs.1,09,59,500/-
Year of Start		1974-75
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana / Head, Department of PB&G, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-B Research (PC-1028.2)(Controlling Officer: DR)		
PRIMARY UNIT		
●	Pay of Officers	
	One Senior Plant Breeder in Rs. 37400-67000+ AGP 9000 Filled (PP for Dr. Puja Srivastava)	
●	Pay of Establishment	
	One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Vacant	
	Four Plant Observer (Tech. G.III Field) in Rs. 10300-34800+ GP 3200 Filled-1; Vacant-3	
	Four Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Vacant-4	
	Two Chowkidar in Rs. 4900-10680+ GP 1650 Vacant-2	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	91,63,500
II.	Revenue Expenditure	
	Travelling Allowance	15,000
	Wages	7,26,000
	Office Contingency	5,000
	Recurring Contingency	10,50,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	1,09,59,500

**RESEARCH & EDUCATION SCHEME NO. 46 (PC-1029.2)**

Name of the Scheme		Breeding maize for high yield & stress tolerance for cultivation in different seasons.
Budget Estimates 2023-24		Rs.1,22,74,800/-
Year of Start		1965
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana / Head, Department of PB&G, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-B Research (PC-1029.2)(Controlling Officer: DR)		
PRIMARY UNIT		
●	Pay of Officers	
	One Plant Pathologist (Maize) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant	
	Four Maize Breeder in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-3; Vacant-1	
●	Pay of Establishment	
	One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled	
	One Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA Vacant	
	One Junior Scientific Assistant (Tech. G-II Lab.) in Rs. 10300-34800+GP 3800 Vacant	
	Two Plant Observer (Tech. G.III Field) in Rs. 10300-34800+ GP 3200 Vacant-2	
	Five Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Vacant-5 (2 on contract)	
	One Chowkidar in Rs. 4900-10680+ GP 1650 Filled	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	1,18,64,800
II.	Revenue Expenditure	
	Travelling Allowance	5,000
	Wages	1,00,000
	Office Contingency	5,000
	Recurring Contingency	3,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	1,22,74,800

**RESEARCH & EDUCATION SCHEME NO. 47 (PC-1030.2)**

Name of the Scheme		Breeding Pulse Crop for high yield, quality and stability of performance.
Budget Estimates 2023-24		Rs.1,65,67,400/-
Year of Start		1960-61
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana /Head, Department of PB&G, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-B Research (PC-1030.2)(Controlling Officer: DR)		
PRIMARY UNIT		
●	Pay of Officers	
	One Professor (Biotechnology) in Rs. 37400-67000+ AGP 10000 Filled (SOAB) (PP for Dr. (Mrs.) Ajinder Kaur)	
	Five Pulse Breeder in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-2; Vacant-3	
●	Pay of Establishment	
	One Agricultural Field Officer in Rs. 15600-39100+ GP 5400 Vacant	
	One Agricultural Sub Inspector (Tech. G.III Field) in Rs. 10300-34800+ GP 3200/ Sr. ASI in Rs. 10300-34800+ GP 4200 Vacant	
	One Senior Lab. Assistant (Tech. G-II Lab.) in Rs. 10300-34800+GP 3800 Vacant	
	Four Plant Observer (Tech. G.III Field) in Rs. 10300-34800+ GP 3200 Filled-2; Vacant-2	
	Five Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP1900 Vacant-5	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	1,59,55,400
II.	Revenue Expenditure	
	Travelling Allowance	10,000
	Wages	1,50,000
	Office Contingency	2,000
	Recurring Contingency	4,50,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	1,65,67,400



**RESEARCH & EDUCATION SCHEME NO. 48 (PC-1031.2)**

<b>Name of the Scheme</b>	<b>Breeding Sugarcane for High Yield Quality and resistance to Diseases.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,57,81,500/-</b>
<b>Year of Start</b>	1949
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Kapurthala/ Director, RS, Kapurthala.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1031.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Senior Pathologist (Sugarcane) in Rs. 37400-67000+ AGP 9000 Vacant (HIA)</b>
	<b>One Senior Agronomist in Rs. 37400-67000+ AGP 9000 Filled-1</b>
	<b>One Soil Scientist in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>
	<b>Two Plant Breeder in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-1; Vacant-1</b>
	<b>One Biochemist in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>
	<b>Two Agronomist in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-1; Vacant-1 (HIA)</b>
	<b>Two Sugarcane Breeder in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant-2 (HIA-1)</b>
	<b>Three Entomologist in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-1; Vacant-2 (HIA-1)</b>
●	<b>Pay of Establishment</b>
	<b>Two Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled-1; Vacant-1</b>
	<b>Six Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Vacant-6 (HIA-1)</b>
	<b>One Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA Vacant</b>
	<b>One Tractor Driver (Tech.G-III Engg.) in Rs.10300-34800+GP 3200+SA 1000 Filled</b>
	<b>Five Agricultural Sub Inspector (Tech. G.III Field) in Rs. 10300-34800+ GP 3200/ Sr. ASI in Rs. 10300-34800+ GP 4200 Filled-3; Vacant-2 (HIA-1)</b>
	<b>One Computer (Tech. G-III Engg.) in Rs. 10300-34800+GP 3200 Vacant</b>

	<b>Ten Lab. Attendant (Tech. G.IV Lab.) in Rs. 5910-20200+ GP 1900 Filled-2; Vacant-8 (HIA-3)</b>	
	<b>One Library Attendant in Rs. 5910-20200+ GP 1900 Vacant</b>	
	<b>Two Jeep Driver in Rs. 5910-20200+ GP 2400+ SA 1400 Vacant-2</b>	
	<b>Five Chowkidar in Rs. 4900-10680+ GP 1650 Vacant-5</b>	
	<b>Two Sweeper in Rs. 4900-10680+ GP 1650 Vacant-2</b>	
	<b>Six Messenger in Rs. 4900-10680+ GP 1650 Filled-1; Vacant-5 (HIA-1)</b>	
	<b>Fifty Three Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP1900 Filled-3; Vacant-50 (1 on contract) (HIA-15)</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,50,81,500</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Wages	2,00,000
	Office Contingency	1,00,000
	Recurring Contingency	3,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,57,81,500</b>

**RESEARCH & EDUCATION SCHEME NO. 49 (PC-1032.2)**

<b>Name of the Scheme</b>	<b>Genetics of resistance to insect pests and diseases and Identification of genes in crop Plants.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,34,74,300/-</b>
<b>Year of Start</b>	1961
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana / Head, Department of PB&G, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1032.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Plant Pathologist</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b> (PP for Dr. Jaspal Kaur)
	<b>One Senior Geneticist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Scientist (Bioinformatics)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Plant Pathologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Entomologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Biotechnologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>Two Quantitative Geneticist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-1</b>
	<b>Two Cytogeneticist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-1</b>
●	<b>Pay of Establishment</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-1; Vacant-1</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>Two Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ Sr. ASI in Rs. 10300-34800+ GP 4200 <b>Filled-1; Vacant-1</b>
	<b>One Senior Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>

	<b>Two Junior Scientific Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant-2</b>	
	<b>One Lab. Technician/ Sr. Lab. Technician (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>	
	<b>Three Junior Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-3</b>	
	<b>One Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>	
	<b>One Plant Observer (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>Three Lab. Attendant (Tech. G.IV Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2; Vacant-1</b>	
	<b>Four Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-3</b>	
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,34,74,300
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,34,74,300</b>

**RESEARCH & EDUCATION SCHEME NO. 50 (PC-1033.2 & 1033.3)**

<b>Name of the Scheme</b>	<b>Breeding cotton for productivity, fibre quality and stability of performance.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,19,32,500/-</b>
<b>Year of Start</b>	1970
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana / Head, Department of PB&G, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1033.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Cotton Breeder</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b>
	<b>One Senior Cotton Breeder</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
●	<b>Pay of Establishment</b>
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>One Junior Scientific Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>
	<b>Three Plant Observer (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-3</b>
	<b>One Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Vacant</b>
	<b>One Sr. Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>
	<b>One Sliver Maker (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900 <b>Vacant (Surplus)</b>
	<b>Eleven Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-11</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>
	<b>Three Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-3</b>
	<b>One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,07,89,700
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	3,00,000
	Office Contingency	-
	Recurring Contingency	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,11,89,700</b>
	<b><u>Part-C Extension (PC-1033.3)(Controlling Officer: DEE)</u></b>	
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	Three Messenger in Rs. 4900-10680+ GP 1650 Vacant-3	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	7,42,800
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>7,42,800</b>
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-B (Research)</b>	<b>2,11,89,700</b>
	<b>Part-C (Extension)</b>	<b>7,42,800</b>
	<b>Total</b>	<b>2,19,32,500</b>

**RESEARCH & EDUCATION SCHEME NO. 51 (PC-1034.2)**

<b>Name of the Scheme</b>	<b>Breeding Rice (Basmati &amp; Non-Basmati) for High Yield, quality and stability of performance.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,90,89,600/-</b>
<b>Year of Start</b>	1970
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana /Head, Department of PB&G, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1034.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Two Principal Rice Breeder</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2</b> (One PP for Dr. Ranvir Singh Gill & Lien of Dr. G.S. Mangat (ADR Crop Improvement))
	<b>One Principal Biochemist (Rice)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (PP for Dr. Neerja Sharma)
	<b>One Senior Rice Breeder</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Entomologist (Rice)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>Four Rice Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2; Vacant-2</b>
	<b>One Agronomist (Rice)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Plant Pathologist (Rice)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Computer (Tech. G-III. Engg)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>Six Plant Observer (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-4; Vacant-2</b>

	<b>Three Lab. Attendant (Tech. G.IV Lab.) in Rs. 5910-20200+ GP 1900/2400 Filled-3</b>	
	<b>Three Chowkidar in Rs. 4900-10680+ GP 1650 Filled-1; Vacant-2</b>	
	<b>One Sweeper in Rs. 4900-10680+ GP 1650 Vacant</b>	
	<b>Two Messenger in Rs. 4900-10680+ GP 1650 Vacant-2</b>	
	<b>Eight Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Vacant-8</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>3,83,98,600</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	35,000
	Wages	30,000
	Office Contingency	6,000
	Recurring Contingency	6,20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,90,89,600</b>



**RESEARCH & EDUCATION SCHEME NO. 52 (PC-1035.2)**

<b>Name of the Scheme</b>	<b>Breeding bread &amp; durum wheat for high yield, quality and resistance to diseases in different agro-climates.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,32,50,900/-</b>
<b>Year of Start</b>	1961-62
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of PB&G, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1035.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Wheat Breeder</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (One PP for Dr. V.S. Sohu)
	<b>One Professor (Plant Breeding)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>
	<b>Two Principal Agronomist (Wheat)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-2</b> (Two PP for Dr. Jayesh Singh & Dr. Hari Ram)
	<b>One Principal Wheat Breeder</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (One PP for Dr. Gurvinder Singh Mavi)
	<b>Two Senior Wheat Breeder</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant-2</b>
	<b>Three Wheat Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-3</b>
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Agriculture Field Officer</b> in Rs. 15600-39100+ GP 5400 <b>Filled</b>
	<b>One Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Vacant</b>
	<b>One Junior Scientific Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>

	<b>Six Plant Observer (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-2; Vacant-4</b>	
	<b>One Lab. Technician/Sr. Lab. Technician (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>	
	<b>One Lab. Attendant (Tech. G.IV Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled</b>	
	<b>One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>Seven Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-6</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	4,02,83,900
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	30,000
	Wages	26,62,000
	Office Contingency	25,000
	Recurring Contingency	2,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>4,32,50,900</b>

**RESEARCH & EDUCATION SCHEME NO. 53 (PC-1036.2 & 1036.3)**

<b>Name of the Scheme</b>	<b>Breeding Oilseeds for productivity, quality and stability of performance.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,57,23,600/-</b>
<b>Year of Start</b>	1965-66
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of PB&G, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1036.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>
	<b>One Senior Oilseed Breeder</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant (HIA)</b>
	<b>Four Oilseed Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3; Vacant-1</b>
	<b>One Analyst (Oilseeds)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
•	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>Two Junior Scientific Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant-2</b>
	<b>Two Plant Observer (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>
	<b>One Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>
	<b>Five Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-5 (1 on contract)</b>
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,42,90,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	2,000
	Wages	3,52,000
	Office Contingency	3,000
	Recurring Contingency	3,05,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,42,90,000</b>
	<b><u>Part-C Extension (PC-1036.3)(Controlling Officer: DEE)</u></b>	
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	<b>One Extension Scientist (Oilseeds) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>	
•	<b>Pay of Establishment</b>	
	-	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	7,71,600
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>7,71,600</b>
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-B (Research)</b>	<b>1,49,52,000</b>
	<b>Part-C (Extension)</b>	<b>7,71,600</b>
	<b>Total</b>	<b>1,57,23,600</b>

**RESEARCH & EDUCATION SCHEME NO. 54 (PC-1045.1-1045.3)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Soil Science.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.13,41,54,700/-</b>
<b>Year of Start</b>	1949
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Soil Science, PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1045.1) (Controlling Officer: Dean COA)</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Professor (Soil Science) in Rs. 37400-67000+ AGP 10000/12000 Filled</b>
	<b>One Professor (Soil Fertility) in Rs. 37400-67000+ AGP 10000/12000 Vacant</b>
	<b>One Principal Soil Chemist(Soil Fertility) in Rs. 37400-67000+ AGP 10000/12000 Vacant</b>
	<b>One Associate Professor (Soil Science) in Rs. 37400-67000+ AGP 9000 Vacant</b>
	<b>One Associate Professor (Soil Fertility) in Rs. 37400-67000+ AGP 9000 Vacant</b>
	<b>One Senior Soil Chemist in Rs. 37400-67000+ AGP 9000 Vacant</b>
	<b>One Statistician in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant</b>
	<b>Two Assistant Professor (Soil Conservation) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-1; Vacant-1</b>
	<b>Nine Assistant Professor (Soil Science) in Rs. 15600-39100+ AGP 6000/7000/8000 (including one post of Live Stock Production Manager) Filled-4; Vacant-5</b>
<b>● Pay of Establishment</b>	
	<b>Two Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled-1; Vacant-1</b>
	<b>Two Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA Vacant-2</b>
	<b>One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Vacant</b>
	<b>One Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA Vacant</b>

	<b>Two Store Keeper (Tech. G.III Store) in Rs. 10300-34800+ GP 3200 Vacant-2</b>	
	<b>One Sr. Lab. Assistant (Tech. G-II. Lab.) in Rs. 10300-34800+ GP 3800 Vacant</b>	
	<b>One Junior Lecture Table Assistant (Tech. G.III Lab.) in Rs. 10300-34800+ GP 3200 Vacant</b>	
	<b>One Jeep Driver in Rs. 5910-20200+ GP 2400+ SA 1400 Vacant</b>	
	<b>Six Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Filled-1; Vacant-5</b>	
	<b>One Store mate (Tech. G-IV Store) in Rs. 5910-20200+ GP 1900/2400 Vacant</b>	
	<b>One Messenger in Rs. 4900-10680+ GP 1650 Vacant</b>	
	<b>Four Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Filled-1; Vacant-3</b>	
	<b>One Sweeper in Rs. 4900-10680+ GP 1650 Filled</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,03,25,800
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	-
	Office Contingency	50,000
	Recurring Contingency	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,05,35,800</b>
	<b><u>Part-B Research (PC-1045.2)(Controlling Officer: DR)</u></b>	
	<b>Year of Start</b>	<b>1970</b>
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	<b>Four Principal Soil Physicist in Rs. 37400-67000+ AGP 10000/12000 Filled-2; Vacant-2</b> (Two PP for Dr. Meharban Singh Kahlon & Dr. Bharat Bhushan Vashisht)	
	<b>Six Principal Soil Chemist in Rs. 37400-67000+ AGP 10000/12000 Filled-6</b> (Six PPs for Dr. O.P. Chaudhary, Dr. Rajiv Sikka, Dr. Dhanwinder Singh, Dr. Varinderpal Singh, Dr. Amardeep Singh Toor & Dr. Kuldeep Singh)	
	<b>One Principal Soil Scientist in Rs. 37400-67000+ AGP 10000/12000 Vacant</b>	
	<b>One Senior Soil Scientist in Rs. 37400-67000+ AGP 9000 Vacant</b>	
	<b>One Senior Scientist (Mineralogy) in Rs. 37400-67000+ AGP 9000 Vacant</b>	

	<b>Two Senior Soil Physicist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-1; Vacant-1 (HIA-1)</b>
	<b>One Senior Soil Chemist (Micronutrient)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>Two Pedologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-1</b>
	<b>One Plant Physiologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Radiation Soil Chemist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Microbiologist (Soils)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Soil Physicist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Soil Scientist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Soil Chemist (Micronutrient)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>Nine Soil Chemist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 (including one re-designated post of Assistant Microbiologist) <b>Filled-5; Vacant-4</b>
●	<b>Pay of Establishment</b>
	<b>Two Admn-cum-Accounts Officer</b> in Rs. 15600-39100+ GP 5400+ 1200 SA (both for direct and promote) <b>Filled-1; Vacant-1 (HIA-1)</b>
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>Three Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2; Vacant-1</b>
	<b>Three Clerk/ Jr. Assistants</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-2</b>
	<b>Five Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant-5</b>
	<b>Two Agriculture Field Officer</b> in Rs. 15600-39100+ GP 5400 <b>Filled-2</b>
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Draftsman</b> in Rs. 10300-34800+ GP 4200 <b>Vacant</b>
	<b>Twelve Junior Scientific Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled-8; Vacant-4</b>
	<b>One Museum Assistant (Tech. G.II Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>Two Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Filled-1; Vacant-1</b>

	<b>Three Lab. Technician/Sr. Lab. Technician (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant-3</b>	
	<b>One Technician/Sr. Technician (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>	
	<b>One Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Vacant</b>	
	<b>One Fieldman (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Junior Draftsman</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>	
	<b>One Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Vacant</b>	
	<b>Twelve Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant-12</b>	
	<b>One Surveyor</b> in Rs. 5910-20200+ GP 2400 <b>Vacant</b>	
	<b>One Electrician-cum-Technician</b> in Rs. 5910-20200+ GP 2400 <b>Vacant</b>	
	<b>One Mason/ Artificer</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>Two Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2</b>	
	<b>Four Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-2</b>	
	<b>Eleven Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-10</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	8,70,18,100
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,50,000
	Wages	99,00,000
	Office Contingency	75,000
	Recurring Contingency	20,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>9,91,43,100</b>
	<b><u>Part-C Extension (PC-1045.3)(Controlling Officer: DEE)</u></b>	
	<b>Section</b>	<b>Farm Advisory Service Scheme</b>
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	<b>One Principal Soil Chemist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>	



	<b>Two Senior Extension Scientist (Soil Science) in Rs. 37400-67000+ AGP 9000 Filled-1 (Bathinda); Vacant-1 (Ludhiana)</b> (PP for Dr. Pritpal Singh)	
	<b>One Assistant Professor (Soil Science) in Rs. 15600-39100+ AGP 6000/7000/8000</b> <b>Vacant</b>	
	<b>Ten District Extension Scientist (Soil Science) in Rs. 15600-39100+ AGP 6000/7000/8000</b> <b>Filled-3 (Patiala, Sangrur, Amritsar)</b> <b>Vacant-7 (Jalandhar, Ropar, Kapurthala, Faridkot, Hoshiarpur, Ferozepur, Gurdaspur)</b>	
●	<b>Pay of Establishment</b>	
	<b>One Senior Scale Stenographer in Rs. 10300-34800+ GP 4400+ 480 SA</b> <b>Vacant</b>	
	<b>Two Junior Scientific Assistant (Tech.G-II. Lab.) in Rs.10300-34800+GP3800</b> <b>Vacant-2</b>	
	<b>Two Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400</b> <b>Vacant-2</b>	
	<b>One Messenger in Rs. 4900-10680+ GP 1650</b> <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,41,70,800</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	25,000
	Wages	2,00,000
	Office Contingency	5,000
	Recurring Contingency	75,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,44,75,800</b>
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-A (Teaching)</b>	<b>2,05,35,800</b>
	<b>Part-B (Research)</b>	<b>9,91,43,100</b>
	<b>Part-C (Extension)</b>	<b>1,44,75,800</b>
	<b>Total</b>	<b>13,41,54,700</b>
<b>Two posts of Soil Chemists in Part-B have been shifted to scheme no. R&amp;E-06 Part-B.II (PC-1038.2.2) vide no. Admn.III.AU.2021/23828-836 dated 29.9.2021.</b>		

**RESEARCH & EDUCATION SCHEME NO. 55 (PC-1046.1-1046.3)**

Name of the Scheme		Establishment of Department of Vegetable Science.
Budget Estimates 2023-24		Rs.8,18,60,200/-
Year of Start		1962
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ HOD Vegetable Science, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-A Teaching (PC-1046.1) (Controlling Officer: Dean, COH&F)		
PRIMARY UNIT		
●	Pay of Officers	
	Two Associate Professor (Vegetables) in Rs. 37400-67000+ AGP 9000 Filled-1; Vacant-1 (Surplus-1)	
	Two Assistant Professor (Vegetables) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled-1; Vacant-1 (Surplus-1)	
●	Pay of Establishment	
	One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Vacant	
	Three Lab. Attendant (Tech. G-IV. Lab.) in Rs. 5910-20200+ GP 1900/2400 Vacant-3 (Surplus-2)	
	Three Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Filled-1; Vacant-2 (Surplus-1)	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	62,03,700
II.	Revenue Expenditure	
	Travelling Allowance	8,000
	Wages	1,50,000
	Office Contingency	10,000
	Recurring Contingency	50,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	64,21,700
Part-B Research (PC-1046.2)(Controlling Officer: DR)		
	Section	Development of Improvement variety and production-protection technology of vegetable crops, PAU, Ludhiana.
	Year of Start	1962-63
PRIMARY UNIT		
●	Pay of Officers	
	Two Principal Vegetable Breeder in Rs. 37400-67000+ AGP 10000/12000 Filled-2 (One PP for Dr. Tarsem Singh Dhillon)	

	<b>Four Principal Olericulturist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-4</b> (Three PP for Dr. Kulbir Singh, Dr. Rajinder Kumar Dhall, Dr. Mamta Pathak & Lien of Dr. A.S. Dhatt)
	<b>Three Senior Vegetable Breeder</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-1; Vacant-2 (Surplus-1)</b> (PP for Dr. Satesh Kumar Jindal)
	<b>Six Vegetable Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3; Vacant-3 (Surplus-1) (HIA-1)</b>
	<b>Two Olericulturist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-1 (HIA-1)</b>
	<b>One Plant Pathologist (Vegetables)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
●	<b>Pay of Establishment</b>
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>
	<b>Two Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant-2 (HIA-1)</b>
	<b>One Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Filled</b>
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Horticultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. HSI</b> in Rs. 10300-34800+ GP 4200 <b>Filled</b>
	<b>One Tractor Driver (Tech.G.III Engg.)</b> in Rs.10300-34800+GP 3200+ SA 1000 <b>Filled</b>
	<b>Six Plant Observer (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-3; Vacant-3 (Surplus-3)</b>
	<b>One Lab. Attendant/ Sr. Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>
	<b>Two Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>
	<b>Seven Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-5 (Surplus-3 &amp; HIA-1)</b>
	<b>Twenty Five Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-24 (Surplus-14)</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	4,86,11,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	52,000
	Wages	11,00,000
	Office Contingency	50,000
	Recurring Contingency	14,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>5,12,13,000</b>
	<b><u>Part-C Extension (PC-1046.3)(Controlling Officer: DEE)</u></b>	
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	<b>Two Principal Extension Scientist (Vegetables)</b> in Rs. 37400-67000+ AGP 10000 <b>Filled-2 (1 for Bathinda)</b> (Two PP for Dr. Navdeep Singh Gill & Dr. Amarjit Singh Sandhu (Bathinda))	
	<b>Three Senior Extension Scientist (Vegetables)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-3 (1 for Sangrur &amp; 1 for Amritsar)</b> (Two PP for Sh. Buta Singh (Sangrur) & Dr. Parvinder Singh (Amritsar))	
	<b>Eight District Extension Scientist (Vegetables)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-8 (Jalandhar, Gurdaspur, Ferozepur, Hoshiarpur, Ropar, Patiala, Ludhiana, Kapurthala) (Surplus-4)</b>	
	<b>One Assistant Professor (Vegetable)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>	
•	<b>Pay of Establishment</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,38,50,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	50,000
	Wages	2,00,000
	Office Contingency	25,000
	Recurring Contingency	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,42,25,500</b>
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-A (Teaching)</b>	<b>64,21,700</b>
	<b>Part-B (Research)</b>	<b>5,12,13,000</b>
	<b>Part-C (Extension)</b>	<b>2,42,25,500</b>
	<b>Total</b>	<b>8,18,60,200</b>

**RESEARCH & EDUCATION SCHEME NO. 56 (PC-1047.1-1047.3)**

<b>Name of the Scheme</b>	<b>Establishment of Department of Fruit Science.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.10,06,59,600/-</b>
<b>Year of Start</b>	1965
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ HOD Fruit Science, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1047.1)(Controlling Officer: Dean, COA)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Four Professor (Fruit Science)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-3; Vacant-1</b> (Two PP for Dr. Nav Prem Singh & Dr. Anirudh Thakur)
	<b>One Principal Fruit Scientist</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b> (PP for Dr. Harminder Singh)
	<b>Two Associate Professor (Fruit Science)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-2</b> (Two PP for Dr. Monika Gupta & Dr. Karan Bir Singh Gill)
	<b>One Assistant Professor (Fruit Science)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
●	<b>Pay of Establishment</b>
	<b>Two Sr. Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant-2 (Surplus)</b>
	<b>One Budder (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>Three Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-1; Vacant-2</b>
	<b>One Head Mali (Tech. G-IV Field)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
	<b>Nine Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-8 (Surplus-3)</b>
	<b>Six Mali</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-6 (Surplus-3)</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	2,53,63,300
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	50,000
	Wages	1,50,000
	Office Contingency	50,000
	Recurring Contingency	3,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,59,63,300</b>
<b><u>Part-B Research (PC-1047.2)(Controlling Officer: DR)</u></b>		
	<b>Section</b>	<b>Research on Horticultural Crops</b>
	<b>Year of Start</b>	<b>1965</b>
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	<b>Five Principal Fruit Scientist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled-4; Vacant-1</b> (Four PP for Dr. B.V.C. Mahajan, Dr. Parampal Singh Gill, Dr. Naresh Kumar Arora & Dr. Sukhjit Kaur Jawandha)	
	<b>One Principal Entomologist (Fruits)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>	
	<b>Ten Senior Fruit Scientist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-6; Vacant-4</b> (Four PP for Dr. Harsimrat Kaur Bons, Dr. Gurteg Singh Uppal, Dr. Gagandeep Kaur & Dr. Mandeep Singh Gill)	
	<b>One Plant Pathologist (Fruits)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>	
	<b>One Entomologist (Fruits)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>	
•	<b>Pay of Establishment</b>	
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>	
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>	
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>	
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>	
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled</b>	
	<b>One Agriculture Field Officer</b> in Rs. 15600-39100+ GP 5400 <b>Filled</b>	
	<b>Three Horticulture Supervisor (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. Hort. Supervisors</b> in Rs. 10300-34800+ GP 4200 <b>Filled-3</b>	

	<b>One Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Filled</b>	
	<b>One Lab. Technician/Sr. Lab. Technician (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant (HIA)</b>	
	<b>Seven Budder (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-7</b>	
	<b>One Lab. Assistant (Tech. G.III Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>Five Lab. Attendant (Tech. G-IV. Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2; Vacant-3</b>	
	<b>Two Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant-2</b>	
	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>	
	<b>One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>Three Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-2</b>	
	<b>Four Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-3</b>	
	<b>Thirteen Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-3; Vacant-10</b> <b>(4 posts not to be filled up &amp; HIA-1)</b>	
	<b>Eight Mali</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-8 (1 Surplus) (2 on contract)</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	5,90,96,200
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Wages	3,00,000
	Office Contingency	50,000
	Recurring Contingency	7,90,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,03,36,200</b>
	<b><u>Part-C Extension (PC-1047.3)(Controlling Officer: DEE)</u></b>	
	<b>Section</b>	<b>Farm Advisory Service Scheme&amp; Garden Training Class</b>
	<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>	
	<b>One Principal Extension Scientist (Fruits)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b>	

	<b>Six District Extension Scientist (Fruits)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3; Vacant-3</b>	
	<b>Two Extension Scientist (Fruits)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-1 (Surplus)</b>	
●	<b>Pay of Establishment</b>	
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>	
	<b>Two Horticultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. HSI</b> in Rs. 10300-34800+ GP 4200 <b>Vacant-2 (HIA-1)</b>	
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,42,10,100
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	10,000
	Recurring Contingency	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,43,60,100</b>
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-A (Teaching)</b>	<b>2,59,63,300</b>
	<b>Part-B (Research)</b>	<b>6,03,36,200</b>
	<b>Part-C (Extension)</b>	<b>1,43,60,100</b>
	<b>Total</b>	<b>10,06,59,600</b>



**RESEARCH & EDUCATION SCHEME NO. 57 (PC-1067.2)**

<b>Name of the Scheme</b>	<b>Establishment of Regional Research Station, Abohar.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,28,85,600/-</b>
<b>Year of Start</b>	1961-62
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Abohar/ Director, RRS, Abohar
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1067.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Fruit Scientist</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b>
	<b>One Principal Entomologist (Fruits)</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b> (PP for Dr. P.K. Arora)
	<b>One Senior Agronomist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b> (PP for Dr. Manpreet Singh)
	<b>One Soil Scientist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>Three Horticulturist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-3</b>
	<b>One Vegetable Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Plant Pathologist (Fruits)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Entomologist (Fruits)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Plant Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
●	<b>Pay of Establishment</b>
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-2</b>
	<b>Two Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant-2</b>
	<b>Three Horticultural Supervisor (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. Horticultural Supervisor</b> in Rs. 10300-34800+ GP 4200 <b>Filled-2; Vacant-1</b>

	<b>Two Horticultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. HSI</b> in Rs. 10300-34800+ GP 4200 <b>Vacant-2</b>	
	<b>One Budder (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Tractor Driver (Tech. G-III. Engg)</b> in Rs. 10300-34800+ GP 3200+SA 1000 <b>Filled</b>	
	<b>One Lab. Assistant (Tech. G.III Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Farm Manager</b> in Rs. 9300-34800+ GP 4200 <b>Filled</b>	
	<b>One Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled</b>	
	<b>Five Lab. Attendant (Tech. G.IV Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant-5 (HIA-1)</b>	
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>	
	<b>Twenty One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+GP1900 <b>Vacant-21 (HIA-6) (2 on contract)</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,98,45,600
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	2,00,000
	Wages	11,00,000
	Office Contingency	90,000
	Recurring Contingency	16,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>4,28,85,600</b>
<b>One post of Senior Scale Stenographer has been shifted to Scheme No. R&amp;E-62 (PC-1074.2) and one post of Steno Typist has been shifted from Scheme No.R&amp;E-62 (PC-1074.2) vide no. RAU/Admn.VI.AU.2023/1529-1535 dated 25.01.2023.</b>		

**RESEARCH & EDUCATION SCHEME NO. 58 (PC-1068.2)**

<b>Name of the Scheme</b>	<b>Establishment of Regional Station, Bathinda.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.8,99,38,200/-</b>
<b>Year of Start</b>	1972
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Bathinda/Director, RRS, Bathinda
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1068.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Associate Director of Research-cum- Associate Dean</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>
	<b>One Principal Cotton Breeder</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (PP for Dr. Paramjit Singh)
	<b>One Principal Oilseed Breeder</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>
	<b>One Principal Scientist (Agricultural Engineering)</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b> (PP for Dr. Jagdish Grover)
	<b>One Principal Agronomist</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b> (PP for Dr. Sudip Singh)
	<b>One Senior Food Technologist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Cereal Breeder</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Biochemist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b>
	<b>One Senior Plant Pathologist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Olericulturist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b>
	<b>One Senior Horticulturist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b> (PP for Dr. Navjot Gupta)
	<b>One Soil Chemist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Soil Scientist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>

	<b>One Plant Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Plant Physiologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>Three Horticulturist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2; Vacant-1</b>
	<b>One Food Technologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Entomologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Scientist (Seed Production)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Scientist (Cotton Technology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
●	<b>Pay of Establishment</b>
	<b>One Admn.-cum-Accounts Officer</b> in Rs. 15600-39100+ GP 5400+ 1200 SA (Both for direct and promote) <b>Filled</b>
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-1; Vacant-1</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-1; Vacant-1</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled</b>
	<b>Two Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>
	<b>Two Horticultural Supervisor (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. Horticultural Supervisor</b> in Rs. 10300-34800+ GP 4200 <b>Filled-2</b>
	<b>Two Horticultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. HSI</b> in Rs. 10300-34800+ GP 4200 <b>Filled-2</b>
	<b>One Lab. Tech./ Sr. Lab. Tech. (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>
	<b>One Budder (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>One Plant Observer (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>One Junior Library Assistant</b> in Rs. 10300-34800+ GP 3600 <b>Vacant</b>
	<b>Three Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Filled-3</b>
	<b>Two Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled-2</b>
	<b>Four Lab. Attendant (Tech. G.IV Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2; Vacant-2 (1 on contract)</b>

	<b>Five Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-3 (1 on contract)</b>	
	<b>Four Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-2</b>	
	<b>Two Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>	
	<b>Twenty Two Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+GP1900 <b>Filled-5; Vacant-17 (10 on contract)</b>	
	<b>Eight Mali</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+GP1900 <b>Filled-2; Vacant-6 (4 on contract)</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	8,62,38,200
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Wages	15,00,000
	Office Contingency	1,00,000
	Recurring Contingency	20,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>8,99,38,200</b>

**RESEARCH & EDUCATION SCHEME NO. 59 (PC-1070.2)**

<b>Name of the Scheme</b>	<b>Establishment of Regional Station, Ballawal Saunkhri.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,98,24,000/-</b>
<b>Year of Start</b>	1993-94
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ballawal Saunkhri/ Director, RRS, Ballawal Saunkhri
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1070.2) (Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>
	<b>One Dean College of Agriculture-cum-Director</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>
	<b>One Principal Plant Pathologist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>
	<b>One Senior Fruit Scientist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b>
	<b>Two Senior Agronomist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant-2</b>
	<b>One Senior Plant Breeder</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Soil Scientist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Scientist (Forestry)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Scientist (Fisheries)</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Botanist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Economist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Silviculturist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Research Engineer</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Scientist (Soil &amp; Water Engineering)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>Three Entomologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2; Vacant-1</b>
	<b>One Plant Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>

	<b>One Agronomist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>Two Vegetable Scientist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-1</b>
	<b>One Scientist (Livestock Production Management)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Scientist (Farm)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Scientist (FMPE)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Extension Specialist (Extension Education/Agronomy/ Soil &amp; Water Engineering)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Scientist (Animal Science)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>Two Plant Pathologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-1</b>
	<b>One Soil Physicist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Silviculturist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
●	<b>Pay of Establishment</b>
	<b>Five Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-5</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-2</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Steno Typist (Punjabi)</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>Four Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-2; Vacant-2</b>
	<b>Three Junior Engineer</b> in Rs. 10300-34800+ GP 4800/15600-39100+ GP 5400/15600-39100+ GP 6600 <b>Vacant-3</b>
	<b>One Draftsman</b> in Rs. 10300-34800+ GP 4200 <b>Vacant</b>
	<b>Five Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Vacant-5 (one for RS Bathinda) (3 on contract)</b>
	<b>One Meteorological Observer (Tech. G-II.Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>Two Junior Scientific Assistant (Tech.G-II.Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled-1; Vacant-1 (1 HIA)</b>
	<b>One Mechanic (Tech. G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>

	<b>One Horticultural Supervisor (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. Horticultural Supervisor</b> in Rs. 10300-34800+ GP 4200 <b>Vacant</b>
	<b>One Store Keeper (Tech. G-III. Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Electrician (Tech. G-III. Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Tubewell Operator-cum-Mechanic (Tech. G-III. Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>Five Plant Observer (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-5 (1 on contract)</b>
	<b>Two Junior Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-2</b>
	<b>Two Surveyor</b> in Rs. 5910-20200+ GP 2400/ 10300-34800+ GP 3800 to the existing incumbents. <b>Filled-1; Vacant-1</b>
	<b>One Budder (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>Two Fieldmen (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>
	<b>Two Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Vacant-2</b>
	<b>Two Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant-2 (1 on Contact)</b>
	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>
	<b>Two Lab. Attendant (Tech. G.IV Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2</b>
	<b>One Helper (Tech. G.IV Engg.)</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>Four Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-4</b>
	<b>Three Sweeper</b> in Rs. 4900-10680+ GP 1650+ SA 240 <b>Filled-1; Vacant-2 (1 on contract)</b>
	<b>Five Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-4; Vacant-1</b>
	<b>One Bearer</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>
	<b>One Cook-cum-Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>



<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	2,81,34,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,50,000
	Wages	4,40,000
	Office Contingency	1,00,000
	Recurring Contingency	10,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,98,24,000</b>
<b>Designation of post of Scientist (Agricultural Engineering) has been changed to Scientist (FMPE) vide no. RAU.Admn.III.AU.2022/7586-93 dated 05.08.2022.</b>		

**RESEARCH & EDUCATION SCHEME NO. 60 (PC- 1082.2)**

Name of the Scheme		Establishment of Vegetable Research Farm Khanaura (Hoshiarpur).
Budget Estimates 2023-24		Rs.50,92,200/-
Year of Start		2023-24
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ Vegetable Science, PAU.
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-B Research (PC- 1082.2)(Controlling Officer: DR)		
PRIMARY UNIT		
●	Pay of Officers	
	One Vegetable Breeder in Rs. 15600-39100+ AGP 6000/7000/8000 Filled	
●	Pay of Establishment	
	One Plant Observer (Tech. G-III. Field) in Rs. 10300-34800+ GP 3200 Filled	
	One Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910- 20200+GP1900 Vacant	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	30,72,200
II.	Revenue Expenditure	
	Travelling Allowance	10,000
	Wages	-
	Office Contingency	10,000
	Recurring Contingency	15,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	5,00,000
	Total	50,92,200

**RESEARCH & EDUCATION SCHEME NO. 61 (PC-1073.2)**

<b>Name of the Scheme</b>	<b>Establishment of Regional Station, Gurdaspur.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,70,65,700/-</b>
<b>Year of Start</b>	1988-89
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Gurdaspur /Director, RRS, Gurdaspur
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1073.2)(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Scientist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b>
	<b>One Principal Entomologist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (PP for Dr. Harpal Singh)
	<b>One Principal Wheat Breeder</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b>
	<b>One Senior Geneticist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Plant Pathologist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Senior Research Engineer</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>One Vegetable Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>Three Plant Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3</b>
	<b>One Wheat Agronomist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>Two Agronomist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-2</b>
	<b>Three Plant Pathologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-2</b>
	<b>One Fruit Scientist (Post Harvest Technology)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Fruit Scientist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
●	<b>Pay of Establishment</b>
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>

	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled</b>
	<b>One Lab. Tech./Sr. Lab. Tech. (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>
	<b>Two Junior Scientific Assistant (Tech.G-II. Lab.)</b> in Rs.10300-34800+ GP 3800 <b>Filled-2</b>
	<b>One Tractor Mechanic-cum-Operator (Tech. G-II Engg.)</b> in Rs. 10300-34800 +GP 3800 <b>Filled</b>
	<b>Three Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Filled-1; Vacant-2</b>
	<b>One Horticultural Supervisor (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. Horticultural Supervisor</b> in Rs. 10300-34800+ GP 4200 <b>Vacant</b>
	<b>One Farm Manager</b> in Rs. 9300-34800+ GP 4200 <b>Vacant</b>
	<b>One Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+GP 3200+ SA 1000 <b>Filled</b>
	<b>One Junior Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>Seven Plant Observer (Tech. G-III. Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-7</b>
	<b>Three Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled-1; Vacant-2</b>
	<b>Four Lab. Attendant (Tech. G.IV Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2; Vacant-2 (1 on contract)</b>
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2</b>
	<b>Two Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2</b>
	<b>Five Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-4 (1 on contract)</b>
	<b>Twenty Eight Beldar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-5; Vacant-23 (1 on contract)</b>
	<b>One Mali</b> in Rs.4900-10680+ GP1650/ <b>Farm Worker</b> in Rs.5910-20200+ GP 1900 <b>Vacant</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	5,34,95,700
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,10,000
	Wages	18,70,000
	Office Contingency	1,00,000
	Recurring Contingency	9,90,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	5,00,000
	<b>Total</b>	<b>5,70,65,700</b>

**RESEARCH & EDUCATION SCHEME NO. 62 (PC-1074.2)**

<b>Name of the Scheme</b>	<b>Establishment of Regional Station, Faridkot.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,36,56,400/-</b>
<b>Year of Start</b>	1991-92
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Faridkot/Director, RRS, Faridkot.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1074.2) (Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Associate Director of Research</b> in Rs.37400-67000+ AGP 10000 <b>Vacant</b>
	<b>One Principal Plant Breeder</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>
	<b>One Principal Agronomist</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b> (One PP for Dr. Kuldeep Singh)
	<b>Two Senior Plant Breeder</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-1; Vacant-1 (HIA-1)</b>
	<b>One Senior Entomologist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b> (PP for Dr. Suneet Pandher)
	<b>One Entomologist (Pulses)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Agronomist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Pathologist (Pulses)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>Two Plant Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-1 (HIA-1)</b>
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>Three Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-2</b>
	<b>One Senior Lab. Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>

	<b>One Junior Scientific Assistant (Tech. G-II. Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>	
	<b>One Junior Lab. Assistant (Tech. G-III. Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>	
	<b>Two Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Filled-2</b>	
	<b>Three Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Filled-3</b>	
	<b>One Assistant Tubewell Driver</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>Two Plant Observer (Tech. G-III. Field)</b> in Rs. 10300-34800+GP 3200 <b>Filled-2</b>	
	<b>One Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled</b>	
	<b>Two Lab. Attendant (Tech. G.IV Lab.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-1; Vacant-1</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>Two Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2</b>	
	<b>Four Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-4 (2 on contract)</b>	
	<b>Fifteen Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>FarmWorker</b> in Rs.5910-20200+GP 1900 <b>Filled-5; Vacant-10</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	4,17,56,400
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,10,000
	Wages	4,40,000
	Office Contingency	50,000
	Recurring Contingency	8,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	5,00,000
	<b>Total</b>	<b>4,36,56,400</b>
<b>One post of Senior Scale Stenographer has been shifted from Scheme No. R&amp;E-57 (PC-1067.2) and one post of Steno Typist has been shifted to Scheme No. R&amp;E-57 (PC-1067.2) vide no. RAU/Admn.VI.AU.2023/1529-1535 dated 25.01.2023.</b>		
<b>The nomenclature of one post of Plant Physiologist and one post of Scientist (Cotton Technology) has been changed to Agronomist for the adjustment of Dr. Kuldeep Singh, Principal Scientist (Seed Production) and Mr. Pardeep Goyal, Scientist (Seed Production) working in the scheme R&amp;E-88 (PC-3052) as conveyed vide memo no. RAU.Admn.I.AU.2022/3231-235 dated 1.4.2022.</b>		

**RESEARCH & EDUCATION SCHEME NO. 63 (PC-1075.1)**

<b>Name of the Scheme</b>	<b>Institute of Agriculture at Gurdaspur.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,74,90,000/-</b>
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Gurdaspur/ Incharge, IOA, Gurdaspur.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1075.1)(Controlling Officer: Dean, COA)</u></b>	
<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>
	<b>One Associate Dean</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>
	<b>One Associate Professor</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>Four Assistant Professor</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-4</b>
	<b>One Assistant Librarian</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
•	<b>Pay of Establishment</b>
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled</b>
	<b>One Jr. Library Assistant</b> in Rs. 10300-34800+ GP 3600 <b>Vacant</b>
	<b>One Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Vacant</b>
	<b>One Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Filled</b>
	<b>One Bus Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>
	<b>One Car Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>
	<b>One Library Attendant</b> in Rs. 5910-20200+ GP 1900 <b>Filled</b>
	<b>Two Hostel Boys</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2 (2 on contract)</b>



	<b>One Bus Cleaner</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>Three Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-2</b>	
	<b>Four Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-4</b>	
	<b>Six Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-4 (1 on contract)</b>	
	<b>Four Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-4 (1 on contract)</b>	
	<b>Two Mali</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-1</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,64,20,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	2,50,000
	Office Contingency	1,00,000
	Recurring Contingency	4,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	3,00,000
	<b>Total</b>	<b>1,74,90,000</b>

**RESEARCH & EDUCATION SCHEME NO. 64 (PC-1078.1)**

Name of the Scheme		Establishment of Institute of agriculture at Regional Research Station, Bathinda.
Budget Estimates 2023-24		Rs.37,63,400/-
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Bathinda/Director, RRS, Bathinda.
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
Part-A Teaching (PC-1078.1) Controlling Officer: Dean, COA		
PRIMARY UNIT		
●	Pay of Officers	
	Three Teaching Assistant (Physics/Chemistry/Botany/ Zoology/English/ Punjabi @ Rs. 25000 p.m. for M.Sc. & Rs. 30000 p.m. for Ph.D. Filled-3	
●	Pay of Establishment	
	One General Assistant (Library) @ Rs. 12617/- p.m. fixed Filled	
	One Steno Typist/ General Assistant @ Rs. 12617/- p.m. fixed Vacant	
	One Clerk/ General Assistant @ Rs. 12617/- p.m. fixed Vacant	
	One Store Keeper/ General Assistant @ Rs. 12617/- p.m. fixed Vacant	
	One Jeep/ Car Driver @ Rs. 11585/- p.m. fixed Vacant	
	Two Lab. Attendant @ Rs. 9908/- p.m. fixed Filled-2	
	One Messenger/ Office Attendant @ Rs. 9908/- p.m. fixed Vacant	
	One Chowkidar @ Rs. 9908/- p.m. fixed Filled	
	One Sweeper @ Rs. 9908/- p.m. fixed Vacant	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	28,13,400
II.	Revenue Expenditure	
	Travelling Allowance	50,000
	Wages	-
	Office Contingency	1,00,000
	Recurring Contingency	6,00,000
	Stipend/ Scholarship/ Fellowship	2,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	37.63.400

**RESEARCH & EDUCATION SCHEME NO. 65 (Old RDF-85) (PC-3096)**

<b>Name of the Scheme</b>	<b>Establishment of School of Organic Farming.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,00,27,000/-</b>
<b>Year of Start</b>	2012-13
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Director, School of Organic Farming, PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Senior Entomologist</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b> (PP for Dr. Subash Singh)
	<b>One Plant Pathologist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Olericulturist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Fruit Scientist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Biochemist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Agronomist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Microbiologist (Pulses)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
<b>• Pay of Establishment</b>	
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>One Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Filled</b>
	<b>One Plant Observer (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+GP1900 <b>Vacant</b>
	<b>Two Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,71,07,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	50,000
	Wages	13,20,000
	Office Contingency	1,50,000
	Recurring Contingency	12,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	2,00,000
	<b>Total</b>	<b>2,00,27,000</b>

**RESEARCH & EDUCATION SCHEME NO. 66 (PC-1001)**

Name of the Scheme		University Administration
Budget Estimates 2023-24		Rs.23,64,55,100/-
Year of Start		1962
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ (Pay/ Accounts/ SPO) Comptroller, PAU
Source of Funding		100% State Scheme
Income, if any		-
BUDGET ESTIMATES 2023-24		
●	Pay of Officers	
	Detail Attached	
●	Pay of Establishment	
	Detail Attached	
I.	Total Salary of Staff- (Pay)	21,40,55,100
	Payment of Remuneration/ Honorarium/TA/DA to outside Examiners & other including Members of BOM invited in connection with business of University- (Pay)	30,00,000
	Payment for Audit Fees- (Pay)	50,00,000
	Expenses for participation of Scientists in National/ International Conferences, Seminars, Workshops, Committees etc. – (Pay)	4,00,000
	Total	22,24,55,100
II.	Revenue Expenditure	
	Travelling Allowance- (Pay)	2,00,000
	Wages- (Accounts)	35,00,000
	Office Contingency	15,00,000
	Recurring Contingency	80,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	8,00,000
	Grand Total	23,64,55,100
Suspense Account (Store Purchase Organization) : 50,00,000		

<b><u>Detail of Contingencies &amp; Wages</u></b>		
<b><u>(Accounts Branch)</u></b>		
<b>I.</b>	<b>Revenue Expenditure</b>	
	Wages (including for 9 DPLs for watch & ward, sanitations for Vice Chancellor's residence, COHSc roads, workshop, premises, farmers reception centre etc.)	35,00,000
	Office Contingency	4,00,000
	Recurring Contingency	50,00,000
<b>II.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	3,00,000
	<b>Grand Total</b>	<b>92,00,000</b>
<b><u>(Store Purchase Organisation)</u></b>		
<b>I.</b>	<b>Revenue Expenditure</b>	
	Office Contingency	11,00,000
	Recurring Contingency (Liveries/ Medicines/ Diagnostic Material & AMC of Medical Equipments for PAU Hospital/ Hospitality Expenditure for the members of BOM, Seminars, VIPs'/ Purchase of spare parts for vehicles of University Administration /AMC of Photocopier, repair of Computer & other miscellaneous contingent expenditure)	30,00,000
<b>II.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	5,00,000
	<b>Grand Total</b>	<b>46,00,000</b>
<b><u>'University Administration'</u></b>		
<b><u>OFFICE OF VICE CHANCELLOR</u></b>		
●	<b>Pay of Officers</b>	
	<b>One Vice Chancellor</b> in Rs. 75000 fixed+ SA 5000 <b>Filled</b>	
●	<b>Pay of Establishment</b>	
	<b>One Secretary to Vice Chancellor</b> in his own scale of Rs. 15600-39100+ GP 5400+ SA 1200 Rs. 15600-39100+ GP 7600+ SA 1200 <b>Filled</b>	
	<b>One Private Secretary to Vice Chancellor</b> in Rs. 15600-39100+ GP 5400+ SA 1200 <b>Filled</b>	
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>	
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-2</b>	
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled</b>	

	<b>Two Clerks/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>
	<b>One Steward</b> in Rs. 5910-20200+ GP 2400 <b>Filled</b>
	<b>One Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Vacant</b>
	<b>One Car Supervisor</b> in Rs. 5910-20200+ GP 2400+ SA 1800 <b>Filled</b>
	<b>Two Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled-1; Vacant-1</b>
	<b>One Restorer-cum-Jamadar</b> in Rs. 5910-20200+ GP 1900+ SA 160 <b>Vacant</b>
	<b>Three Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-3</b>
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
<b><u>OFFICE OF REGISTRAR</u></b>	
	● <b>Pay of Officers</b>
	<b>One Registrar</b> in Rs. 37400-67000+ GP 8800+ SA 600 Rs. 37400-67000+ GP 10000+ SA 1000 (for the Professor level Teachers) <b>Vacant</b>
	● <b>Pay of Establishment</b>
	<b>One Deputy Registrar</b> in Rs. 15600-39100+ GP 7600+ SA 1200 <b>Filled</b>
	<b>Four Assistant Registrar</b> in Rs. 15600-39100+ GP 5400+ SA 1200 (Both for Direct and Promotes) <b>Filled-3; Vacant-1 (HIA-1)</b>
	<b>Four Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled-4</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Eighteen Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-18</b>
	<b>Four Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-3; Vacant-1</b>
	<b>Sixteen Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled-7; Vacant-9</b>
	<b>Twenty One Clerks/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-10; Vacant-11</b>
	<b>One Legal Assistant</b> in Rs. 10300-34800+ GP 4400 <b>Filled</b>
	<b>One Head Assistant</b> in Rs. 10300-34800+ GP 3800 <b>Vacant (HIA)</b>
	<b>Three Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Filled-2; Vacant-1</b>

	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled</b>
	<b>Thirteen Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-12; Vacant-1</b>
<b><u>OFFICE OF CONTROLLER OF EXAMINATIONS</u></b>	
•	<b>Pay of Officers</b>
	<b>One Controller of Examination</b> in Rs. 37400-67000+GP 10000+ SA 1000 <b>Vacant</b>
•	<b>Pay of Establishment</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>One Clerk/Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>
<b><u>OFFICE OF COMPTROLLER</u></b>	
•	<b>Pay of Officers</b>
	<b>One Comptroller</b> in Rs. 37400-67000+ GP 10000+ SA 2000 <b>Vacant</b>
•	<b>Pay of Establishment</b>
	<b>One Additional Comptroller</b> in Rs.15600-39100+ GP 8200+ SA 600 (upgraded from the post of Accounts Officer by the BOM in its 259 <sup>th</sup> meeting held on 28.2 2012) <b>Vacant</b>
	<b>One Accounts Officer</b> in Rs. 15600-39100+ GP 7600+ SA 1200 <b>Filled</b>
	<b>Three Assistant Accounts Officer</b> in Rs. 15600-39100+ GP 5400+ SA 1200 (both for Direct and Promotes) <b>Filled-3</b>
	<b>Five Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled-5</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Twenty Nine Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA (Cash Allowance for Cashier) <b>Filled-29</b>
	<b>Six Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-1; Vacant-5</b>
	<b>Nine Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled-2; Vacant-7</b>
	<b>Thirty Two Clerks/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-4; Vacant-28</b>
	<b>One Assistant Store Officer (Supervision)</b> in Rs. 10300-34800+ GP 5000 <b>Vacant</b>



	<b>Six Network-cum-Programming Assistant</b> in Rs. 10300-34800+ GP 4400 <b>Filled-4; Vacant-2</b>
	<b>One Bill-cum-Cash Messenger</b> in Rs. 5910-20200+ GP 2400+ SA 400 <b>Vacant</b>
	<b>Four Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Filled-2; Vacant-2</b>
	<b>One Car Supervisor</b> in Rs. 5910-20200+ GP 2400+ SA 1800 <b>Filled</b>
	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>
	<b>Twenty Three Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-11; Vacant-12</b>
<b><u>STORE PURCHASE ORGANIZATION</u></b>	
•	<b>Pay of Officers</b>
	-
•	<b>Pay of Establishment</b>
	<b>One Accounts Officer</b> in Rs. 15600-39100+ GP 7600+ SA 1200 <b>Vacant</b>
	<b>One Assistant Accounts Officer</b> in Rs. 15600-39100+ GP 5400+ SA 1200 (both for Direct and Promotes) <b>Filled</b>
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>One Assistant Store Officer (P)</b> in Rs. 10300-34800+ GP 5000 <b>Filled</b>
	<b>Five Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-5</b>
	<b>Three Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-1; Vacant-2</b>
	<b>Two Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled-1; Vacant-1</b>
	<b>Six Clerks/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-6</b>
	<b>Four Store Purchase Assistant (Technical)</b> in Rs. 10300-34800+ GP 3800 <b>Filled-3; Vacant-1</b>
	<b>Three Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-3</b>
	<b>One Draftsman</b> in Rs. 10300-34800+ GP 4200 (Shifted from Sr. Architect) <b>Vacant</b>
	<b>Two Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Filled-1; Vacant-1</b>
	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>
	<b>Three Store Assistant</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-3</b>
	<b>Four Store Mates (Tech. G.IV)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-2; Vacant-2</b>

	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2</b>
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
<b><u>PAU HOSPITAL</u></b>	
•	<b>Pay of Officers</b>
	<b>Six Medical Officer/ Sr. Medical Officer/ Chief Medical Officer (one lady)</b> in Rs.15600-39100+ GP 5400/6600/7600 + NPA Rs. 37400/ 67000+ GP 8600+ NPA <b>Filled-3; Vacant-3</b>
	<b>One Medical Officer (Dental)/ Sr. Medical Officer (Dental)</b> in Rs.15600-39100 + GP 5400+ NPA <b>Vacant</b>
•	<b>Pay of Establishment</b>
	<b>Two Clerks/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-2</b>
	<b>One Staff Nurse</b> in Rs. 10300-34800+ GP 4600 <b>Filled</b>
	<b>One Nurse</b> in Rs. 10300-34800+ GP 4600 <b>Vacant</b>
	<b>Three Pharmacy Officer</b> in Rs. 10300-34800+ GP 4200 <b>Filled-2; Vacant-1</b>
	<b>One Pharmacist-cum-Store Keeper</b> in Rs. 10300-34800+ GP 4200 <b>Vacant</b>
	<b>Two Medical Lab. Technician/ Sr. Medical Lab. Technician (G-II)</b> in Rs. 10300-34800+ GP 4200 <b>Filled-1; Vacant-1 (1 on contract)</b>
	<b>One Senior Radiographer</b> in Rs. 10300-34800+ GP 3600+ SA 480 <b>Vacant</b>
	<b>Six Multipurpose Worker (Female)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-1; Vacant-5 (1 on contract)</b>
	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled</b>
	<b>One Store Mate (Tech. G.IV)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>
	<b>One Dark Room Assistant</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>Two Lab. Attendant (G-IV)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant-2</b>
	<b>One Ward Attendant</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2</b>
	<b>Five Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-3</b>
	<b>Two Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>
	<b>Two Ward Boy</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2</b>

**RESEARCH & EDUCATION SCHEME NO. 66 Part-B (PC-1001.1)**

<b>Name of the Scheme</b>		<b>Provision for Retiral Benefits etc.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.269,90,00,000/-</b>
<b>Year of Start</b>		1962
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ (Pay/ Funds) Comptroller, PAU
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b>BUDGET ESTIMATES 2023-24</b>		
	<b>Pay of Officers/Establishment</b>	
<b>1.</b>	<b>Provision for Leave Encashment &amp; other benefits not admitted by the ICAR in respect of employees working in the ICAR/KVK Schemes- (Pay).</b>	<b>2,50,00,000</b>
<b>2.</b>	<b>Provision for Medical Allowance and LTC of Pensioners/ Family Pensioners- (Funds)</b>	<b>10,00,00,000</b>
<b>3.</b>	<b>Death-cum-Retirement Gratuity- (Funds)</b>	<b>25,00,00,000</b>
<b>4.</b>	<b>Ex Gratia Grant- (Funds)</b>	<b>40,00,000</b>
<b>5.</b>	<b>Pension- (Funds)</b>	<b>232,00,00,000</b>
	<b>Total</b>	<b>269,90,00,000</b>

**RESEARCH & EDUCATION SCHEME NO. 67 (PC-1002)**

<b>Name of the Scheme</b>	<b>Establishment of Estate Organization and Engineering Unit.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.15,61,84,000/-</b>
<b>Year of Start</b>	1962-63
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Estate Officer, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b><u>OFFICE OF THE ESTATE OFFICER</u></b>	
• <b>Pay of Officers</b>	
	<b>One Estate Officer</b> in Rs. 37400-67000+ GP 8800+ SA 600 <b>Vacant</b>
• <b>Pay of Establishment</b>	
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Three Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-3</b>
	<b>Three Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant-3</b>
	<b>Five Clerk/ Jr. Assistants</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-5</b>
	<b>One Clerk cum Receptionist/Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>One Sub Divisional Engineer</b> in Rs. 15600-39100+ GP 5400/6600/7600/ Rs. 37400-67000+ GP 8600 <b>Vacant</b>
	<b>One Assistant Estate Officer</b> in Rs. 10300-34800+ GP 5000 (for Direct) and Rs.10300-34800+ GP 5400 (for Promote) <b>Filled</b>
	<b>One Security Officer</b> in Rs. 10300-34800+ GP 5000 (for Direct) and Rs. 10300-34800+ GP 5400 (for Promote) <b>Vacant</b>
	<b>Five Junior Engineer</b> in Rs. 10300-34800+ GP 4800 Rs. 15600-39100+ GP 5400/6600 <b>Vacant-5</b>
	<b>Two Inspector Security</b> in Rs. 10300-34800+ GP 3800+ SA 400 <b>Vacant-2</b>

	<b>Two Inspector Estate</b> in Rs. 10300-34800+ GP 3800 <b>Vacant-2</b>
	<b>One Sanitary Inspector</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>Two Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+GP 3200+ SA 1000 <b>Vacant-2</b>
	<b>One Technical Observer</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Sub Divisional Clerk</b> in Rs. 5910-20200+ GP 1900/2800 <b>Vacant</b>
	<b>Three Drivers including One Bus Driver</b> in Rs.5910-20200+ GP2400+SA 1400 <b>Vacant-3</b>
	<b>Six Telephone Operator</b> in Rs. 5910-20200+ GP 2400 <b>Filled-4; Vacant-2</b>
	<b>One Gunman</b> in Rs. 5910-20200+ GP 1900+ SA 400 <b>Filled</b>
	<b>One Patwari</b> in Rs. 5910-20200+ GP 1900+ SA 200 <b>Vacant</b>
	<b>Four Mates</b> in Rs. 5910-20200+ GP 1900 <b>Filled-4</b>
	<b>One Cook</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>One Caretaker</b> in Rs. 5910-20200+ GP 1900 <b>Filled</b>
	<b>Three Cook-cum-Chowkidar</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-2</b>
	<b>Five Security Guard</b> in Rs. 5910-20200+ GP 1900 <b>Filled-3; Vacant-2</b>
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>
	<b>Forty One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-13; Vacant-28 (1 on contract)</b>
	<b>Three Bearer</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-3 (HIA-2)</b>
	<b>Thirty Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-9; Vacant-21</b>
	<b>Three Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Workers</b> in 5910-20200+ GP 1900 <b>Filled-2; Vacant-1</b>
<b><u>OFFICE OF THE CHIEF ENGINEER</u></b>	
●	<b>Pay of Officers</b>
	<b>One Chief Engineer</b> in Rs. 37400-67000+ GP 8800+ SA 600 <b>Vacant</b>
●	<b>Pay of Establishment</b>
	<b>One Accounts Officer</b> in Rs. 15600-39100+ GP 7600+ 1200 SA <b>Filled</b>

	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Vacant</b>
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled</b>
	<b>One Executive Engineer (Design)</b> in Rs. 15600-39100+ GP 7600 + SA 600/ 37400-67000+ GP 8600 + SA 600 <b>Vacant</b>
	<b>One Assistant Engineer (Design)</b> in Rs. 15600-39100+ GP 5400/6600/7600/ Rs. 37400-67000+ GP 8600 <b>Vacant</b>
	<b>One Circle Head Draftsman</b> in Rs. 10300-34800+ GP 4400 <b>Vacant</b>
	<b>One Estimator</b> in Rs. 10300-34800+ GP 4200 <b>Vacant</b>
	<b>Two Draftsman</b> in Rs. 10300-34800+ GP 4200 <b>Vacant-2 (HIA)</b>
	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>
	<b>Five Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-3</b>
<b><u>OFFICE OF THE EXECUTIVE ENGINEER (CIVIL-I)</u></b>	
•	<b>Pay of Establishment</b>
	<b>Four Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-4</b>
	<b>One Senior Scale Stenographer</b> in Rs.10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Seven Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-2; Vacant-5</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Executive Engineer</b> in Rs.15600-39100+ GP 7600/ 37400-67000+ GP 8600 <b>Vacant</b>
	<b>Two Sub Divisional Engineer</b> in Rs. 15600-39100+ GP 5400/6600/7600 Rs. 37400-67000+ GP 8600 <b>Filled-2</b>
	<b>Eight Junior Engineer</b> in Rs. 10300-34800+ GP 4800 Rs. 15600-39100+ GP 5400/6600 <b>Filled-4; Vacant-4</b>
	<b>One Assistant Engineer</b> in Rs. 10300-34800+ GP 5000 <b>Vacant</b>

	<b>One Head Draftsman</b> in Rs. 10300-34800+ GP 4200 <b>Vacant</b>
	<b>Three Draftsman</b> in Rs. 10300-34800+ GP 4200 <b>Vacant-3</b>
	<b>Two Junior Draftsman</b> in Rs. 10300-34800+ GP 3200 <b>Filled-2</b>
	<b>One Computer (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>Four Sub Divisional Clerk</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant-4 (2 on contract)</b>
	<b>One Divisional Accountant</b> in Rs. 8000 PM (Fixed) <b>Vacant</b>
	<b>Seven Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-6; Vacant-1</b>
<b><u>OFFICE OF THE EXECUTIVE ENGINEER (CIVIL-II)</u></b>	
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Seven Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-7 (2 on contract)</b>
	<b>Four Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant-4</b>
	<b>One Assistant Architect</b> in Rs. 15600-39100+ GP 5400 <b>Filled</b>
	<b>One Executive Engineer (Civil-II)</b> in Rs. 15600-39100+ GP 7600 Rs. 37400-67000+ GP 8600 <b>Vacant</b>
	<b>Two Sub Divisional Engineer</b> in Rs. 15600-39100+ GP 5400/6600/7600 Rs. 37400-67000+ GP 8600 <b>Filled-1; Vacant-1</b>
	<b>Ten Junior Engineer</b> in Rs. 10300-34800+ GP 4800 Rs. 15600-39100+ GP 5400/6600 <b>Filled-1; Vacant-9 (HIA-1)</b>
	<b>One Head Draftsman</b> in Rs. 10300-34800+ GP 4200 <b>Filled</b>
	<b>Two Draftsman</b> in Rs. 10300-34800+ GP 4200 <b>Vacant-2</b>
	<b>Two Junior Draftsman</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>
	<b>One Computer (Tech. G.III Engg)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>

	<b>One Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Vacant</b>	
	<b>Four Sub Divisional Clerk</b> in Rs. 5910-20200+ GP 1900/ 2400 <b>Vacant-4</b>	
	<b>One Ferrow Printer</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>Six Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-6</b>	
<b><u>OFFICE OF THE EXECUTIVE ENGINEER (ELECTRICAL)</u></b>		
●	<b>Pay of Establishment</b>	
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>	
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled</b>	
	<b>One Executive Engineer (Elect.)</b> in Rs. 15600-39100+ GP 7600 /37400-67000+ GP 8600 <b>Vacant</b>	
	<b>Two Sub Divisional Engineer</b> in Rs. 15600-39100+ GP 5400/6600/7600 Rs.37400-67000+ GP 8600 <b>Filled-1; Vacant-1</b>	
	<b>Six Junior Engineer</b> in Rs. 10300-34800+ GP 4800 15600-39100+ GP 5400/6600 <b>Filled-3; Vacant-3</b>	
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>	
	<b>Two Sub Divisional Clerk</b> in Rs. 5910-20200+ GP 1900/ 2400 <b>Vacant-2</b>	
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	13,09,64,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	2,30,00,000
	Office Contingency	2,00,000
	Recurring Contingency	20,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>15,61,84,000</b>
The BOM in its 309 <sup>th</sup> meeting held on 16.01.2023 has restore the post of Executive Engineer (Electrical) in the pay scale of Rs.15600-39100 + GP 7600 for filling up through promotion vide item no. C-5 as conveyed by the Registrar vide memo no. RAU/Admn.II.AU.2023/2246-2247 dated 07.02.2023.		



**RESEARCH & EDUCATION SCHEME NO. 68 (PC-1004.1-1004.2)**

<b>Name of the Scheme</b>	<b>Construction and Maintenance of Buildings/Residential Quarters at PAU Campus/Outstations. Construction Part-A Maintenance Part-B</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.10,52,10,300/-</b>
<b>Year of Start</b>	1971-72 & 1962-63
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ XEN(C-I)/ XEN(C-II)/ XEN(Electrical)/ Estate Officer, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT (Part-I) (PC-1004.1)</b>	
•	<b>Pay of Officers</b>
	-
•	<b>Pay of Establishment</b>
	<b><u>Construction Part-A</u></b>
	<b>One Foreman in Rs. 5910-20200+ GP 2800 Vacant</b>
	<b>One Foreman (Misc.) in Rs. 5910-20200+ GP 2800 Vacant</b>
	<b>One Chargeman (Electrical) in Rs. 5910-20200+ GP 2400 Vacant</b>
	<b>One Jeep Driver in Rs. 5910-20200+ GP 2400+ SA 1400 Vacant</b>
	<b>One Helper to Electrician in Rs. 5910-20200+ GP 1900 Vacant</b>
	<b>Six Work Inspector in Rs. 5910-20200+ GP 1900 Filled-1; Vacant-5</b>
	<b>Three Work Munshi in Rs. 5910-20200+ GP 1900 Vacant-3</b>
	<b>Two Plumber Grade A in Rs. 5910-20200+ GP 1900 Vacant-2 (2 on contract)</b>
	<b>Five Helper in Rs. 5910-20200+ GP 1900 Filled-1; Vacant-4</b>
	<b>One Helper to Plumber in Rs. 5910-20200+ GP 1900 Filled</b>
	<b>One Messenger in Rs. 4900-10680+ GP 1650 Vacant</b>
	<b>Two Store Attendant in Rs. 4900-10680+ GP 1650 Vacant-2</b>
	<b>Two Chowkidar in Rs. 4900-10680+ GP 1650 Vacant-2</b>
	<b>Three Sewermen in Rs. 4900-10680+ GP 1650 Filled-1; Vacant-2</b>

	<b>Four Beldar</b> in Rs. 4900-10680+ GP 1650 / <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-4</b>
	<b><u>Maintenance Part-B</u></b>
	<b>One Foreman (Mechanical)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Vacant (not to be filled up)</b>
	<b>Two Foreman (Misc.)</b> in Rs. 5910-20200+ GP 2800 <b>Vacant-2</b>
	<b>Five Tubewell Driver</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-5</b>
	<b>Ten Assistant Tubewell Driver</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-10</b>
	<b>Eight Electrician Grade I</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-8 (3 on contract)</b>
	<b>Seven Electrician Grade II</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-7</b>
	<b>One Gas Mechanic</b> in Rs. 5910-20200+ GP 2400 <b>Vacant</b>
	<b>One Chargeman (Electrical)</b> in Rs. 5910-20200+ GP 2400 <b>Vacant</b>
	<b>Two Carpenter</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-2 (2 on contract)</b>
	<b>Two Painter</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-2 (2 on contract)</b>
	<b>One Work Munshi</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>Five White Washer</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-5 (1 on contract)</b>
	<b>One Brick Layer</b> in Rs. 5910-20200+ GP 1900 <b>Vacant (on contract)</b>
	<b>Two Work inspector</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-1 (on contract)</b>
	<b>One Helper to Plumber</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>One Plumber Grade A</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>One Store Munshi</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>One Helper to Electrician</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>One Gasman</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>Two Gas Operator</b> in Rs. 5910-20200+ GP 1900 (Math Stat & Physics-1) <b>Vacant-2</b>
	<b>One Mate</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>

	<b>One Road Inspector</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>Ten Helper</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-10</b>	
	<b>One Painter Grade B</b> in Rs. 5910-20200+ GP 1900 <b>Vacant (HIA)</b>	
	<b>Seven Plumber Grade B</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-7</b>	
	<b>One Assistant Foreman</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>Two Store Attendant</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>	
	<b>Six Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-6</b>	
	<b>Nine Sewerman</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-9 (3 on contract)</b>	
	<b>Thirteen Beldar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-12 (3 on contract)</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,72,00,300
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Wages	1,30,00,000
	Office Contingency	2,00,000
	Working Contingency	40,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	8,00,000
	<b>Total</b>	<b>3,52,10,000</b>
<b>(Part-II) (PC-1004.2)</b>		
<b>Section:</b>	<b>Payment of electricity bills of Hot Line and other electricity bills/ POL for generator sets/ maintenance of generators/ Transformers.</b>	
	Recurring Contingency	7,00,00,000
	<b>Grand Total</b>	<b>10,52,10,300</b>

**RESEARCH & EDUCATION SCHEME NO. 69 (PC-1005)**

<b>Name of the Scheme</b>	<b>Establishment of Landscape Section.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,66,43,500/-</b>
<b>Year of Start</b>	1963-64
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Estate Officer, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	
	<b>One Professor (Landscaping)</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b> (PP for Dr. R.K. Dubey)
• <b>Pay of Establishment</b>	
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>One Horticulture Supervisor (Tech. G.III Field)</b> in Rs.10300-34800+ GP 3200 <b>Filled</b>
	<b>Three Horticultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. HSI</b> in Rs. 10300-34800+ GP 4200 <b>Filled-1; Vacant-2 (HIA)</b>
	<b>One Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Vacant</b>
	<b>Two Budder (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>
	<b>Six Head Mali</b> in Rs. 5910-20200+ GP 1900/2400 <b>Filled-4; Vacant-2 (HIA)</b>
	<b>One Surveyor</b> in Rs. 5910-20200+ GP 2400 <b>Vacant</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
	<b>Two Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>
	<b>Seventy Three Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-17; Vacant-56 (3 on contract)</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,17,03,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	38,50,000
	Office Contingency	2,50,000
	Recurring Contingency	6,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	2,00,000
	<b>Total</b>	<b>3,66,43,500</b>

**RESEARCH & EDUCATION SCHEME NO. 70 (PC-1006)**

Name of the Scheme		Maintenance of Local Area Network and PAU Website.
Budget Estimates 2023-24		Rs.10,35,000/-
Year of Start		2001-02
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ HOD, EEIT, PAU
Source of Funding		100% State Scheme
Income, if any		-
<u>Statement of Cost for the year 2023-24</u>		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	10,35,000
	Capital Expenditure	
	Non Recurring Contingency	-
	Total	10,35,000

**RESEARCH & EDUCATION SCHEME NO. 71(PC-1018.1)**

<b>Name of the Scheme</b>	<b>Expansion and Improvement of Library Services at M.S. Randhawa Library, PAU, Ludhiana.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,92,91,500/-</b>
<b>Year of Start</b>	1966-67
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ University Library, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1018.1)(Controlling Officer: University Librarian)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One University Librarian</b> in Rs. 37400-67000+ AGP 10000 <b>Vacant</b>
	<b>Two Associate Librarian</b> in Rs. 37400-67000+ AGP 9000 <b>Filled-2</b> (Two PP for Sh. Sanjeev Kumar & Mrs. Yogita Sharma)
	<b>Eleven Assistant Librarian</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-3; Vacant-8</b>
	<b>Two Assistant Librarian (Programming)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant-2</b>
<b>• Pay of Establishment</b>	
	<b>One Computer Officer</b> in Rs. 15600-39100+ AGP 6600 <b>Vacant</b>
	<b>One Assistant Accounts Officer</b> in Rs. 15600-39100+ GP 5400+ 1200 SA (Both for direct and promote) <b>Filled</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>Four Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-3; Vacant-1 (HIA-1)</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Eight Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-8 (HIA-2)</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>Four Technical Assistant (G-II. Engg.)</b> in Rs. 10300-34800+ GP 3800 (Technical Assistant (AC)-1, Offset Operator-1) <b>Filled-1; Vacant-3 (HIA-1)</b>

	<b>One Information Processor (Computer)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>	
	<b>Twenty Four Junior Library Assistant</b> in Rs.10300-34800+ GP 3600 <b>Filled-4; Vacant-20 (HIA-3)</b>	
	<b>Two Operator (AC) (G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>	
	<b>One Reprographic Lab. Assistant (Tech. G.III Lab.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>Two Lift Operator (G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>	
	<b>One Museum Keeper (Tech. G.III Lab.)</b> in Rs.10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Bindry Foreman</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>Five Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Filled-1; Vacant-4</b>	
	<b>Three Book Binder</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-3</b>	
	<b>Two Helper (Air Conditioning)</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-2</b>	
	<b>Twenty Two Library Attendant</b> in Rs. 5910-20200+ GP 1900 <b>Filled-7; Vacant-15 (HIA-1)</b>	
	<b>One Packer</b> in Rs. 5910-20200+ GP 1900 <b>Filled</b>	
	<b>Six Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-4</b>	
	<b>Five Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-4</b>	
	<b>Four Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-3</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	5,36,16,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	13,50,000
	Office Contingency	15,000
	Recurring Contingency (Purchase of books, periodicals, Online and CD-ROM Databases, Library Management Software, Maintenance and repair of AC Plant, Computer and Bindry Machinery, payment of electricity and telephone bills, Annual Maintenance Contract of Library Management Softwares, Blade server, Photostat Machines, Lift etc. and to meet urgent requirements in the Library.)	27,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	15,00,000
	<b>Total</b>	<b>5,92,91,500</b>



**RESEARCH & EDUCATION SCHEME NO. 72(PC-1019.1)**

<b>Name of the Scheme</b>		<b>Expansion &amp; Improvement of library Services at PAU Outstations.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.2,20,000/-</b>
<b>Year of Start</b>		1985-86
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ University Librarian, PAU
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,20,000</b>

**RESEARCH & EDUCATION SCHEME NO. 73(PC-1020.1)**

<b>Name of the Scheme</b>	<b>National Sports Organization &amp; Cultural Activities.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,18,08,500/-</b>
<b>Year of Start</b>	1970-71
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Director Students' Welfare, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1020.1)(Controlling Officer: Director Students' Welfare)</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Director Students' Welfare</b> in Rs. 37400-67000+ AGP 10000+ SA 1000 <b>Filled</b>
	<b>One Joint Director (Sports and Cultural Activities)</b> in Rs. 37400-67000+ AGP 10000 <b>Vacant</b>
	<b>One Deputy Director (Physical Education)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b> (PP for Dr. (Mrs.) Kanwaljit Kaur Brar)
	<b>Three Assistant Director (Physical Education)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2; Vacant-1</b>
	<b>One Assistant Professor (Music)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
<b>● Pay of Establishment</b>	
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>One Personal Assistant</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Vacant</b>
	<b>One Welfare Officer (Boys)</b> in Rs. 10300-34800+ GP 5000 <b>Filled</b>
	<b>One Officer on Special Duty</b> in Rs. 10300-34800+ GP 5000/5400 <b>Vacant</b>
	<b>Six Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-6</b>
	<b>Two Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-2</b>
	<b>Seven Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-2; Vacant-5</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Coordinator Cultural Activities</b> in Rs. 10300-34800+ GP 3600 <b>Vacant</b>

	<b>Seven Coaches</b> in Rs. 10300-34800+ GP 3600 <b>Filled-3; Vacant-4</b>	
	<b>One Computer Operator</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>	
	<b>One Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>	
	<b>One Bus Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled</b>	
	<b>One Truck Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>	
	<b>One Projector Attendant (Tech. G.IV Engg.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>	
	<b>One Ground Supervisor</b> in Rs. 5910-20200+ GP 2000 <b>Vacant</b>	
	<b>Two Senior Sports Attendant</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-1</b>	
	<b>One Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>Eight Ground Marker</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-8</b>	
	<b>Two Water Carrier</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>	
	<b>One Harmonium Master</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>	
	<b>One Bus Cleaner</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650+ SA 240 <b>Filled-1; Vacant-1</b>	
	<b>Four Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled-2; Vacant-2</b>	
	<b>Eleven Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-5; Vacant-6</b>	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	5,42,98,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Wages	65,00,000
	Office Contingency	2,00,000
	Recurring Contingency	5,50,000
	Stipend/Scholarship/Fellowship	60,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	1,00,000
	<b>Total</b>	<b>6,18,08,500</b>

**RESEARCH & EDUCATION SCHEME NO. 74(PC-1021)**

<b>Name of the Scheme</b>	<b>Strengthening of Students' Welfare Activities and Development of Hostel Affairs.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,02,89,100/-</b>
<b>Year of Start</b>	1976-77
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Director Students' Welfare, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A Teaching (PC-1021)(Controlling Officer: Director Students' Welfare)</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	<b>One Welfare Officer (Girls) in Rs. 10300-34800+ GP 5000</b> <b>Filled</b>
	<b>One Superintendent (Girls' Hostel) in Rs.10300-34800+ GP 5000 or Rs.10300-34800+ GP 5400</b> <b>Vacant</b>
	<b>One Assistant Hostel Superintendent (Girls) in Rs.10300-34800+ GP 3600</b> <b>Vacant</b>
	<b>One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA</b> <b>Filled</b>
	<b>Eight Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively</b> <b>Vacant-8</b>
	<b>One Carpenter (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200</b> <b>Vacant</b>
	<b>One Plumber in Rs. 5910-20200+ GP 1900</b> <b>Vacant</b>
	<b>Three Maid Attendant in Rs. 4900-10680+ GP 1650</b> <b>Filled-1; Vacant-2</b>
	<b>Twenty Four Hostel Boy in Rs. 4900-10680+ GP 1650</b> <b>Filled-3; Vacant-21 (HIA-2)</b>
	<b>One Attendant in Rs. 4900-10680+ GP 1650</b> <b>Vacant</b>
	<b>One Messenger in Rs. 4900-10680+ GP 1650</b> <b>Vacant</b>
	<b>Seventeen Sweeper in Rs. 4900-10680+ GP 1650</b> <b>Filled-3; Vacant-14</b>

	<b>Twenty Nine Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-7; Vacant-22</b>	
	<b>One Catering Supervisor</b> in Rs. 250-400 (Unrevised) <b>Vacant (HIA)</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,32,24,100
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	15,000
	Wages	62,00,000
	Office Contingency	4,50,000
	Recurring Contingency	3,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	1,00,000
	<b>Total</b>	<b>4,02,89,100</b>

**RESEARCH & EDUCATION SCHEME NO. 75 (PC-1076.2-1076.3)**

<b>Name of the Scheme</b>	<b>Establishment of University Workshop.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.32,59,200/-</b>
<b>Year of Start</b>	1964-65
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Workshop Superintendent, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1076.2) (Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	<b>One Workshop Superintendent</b> in Rs.10300-34800+ GP 5000+ SA 800 <b>Vacant</b>
	<b>One Assistant Store Purchase Officer</b> in Rs. 15600-39100+ GP 5400+ 1200 SA (both for direct and promote) <b>Vacant</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>Three Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-3</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Assistant Store Officer (P)</b> in Rs. 10300-34800+ GP 5000 <b>Vacant (HIA)</b>
	<b>Two Maintenance Shop Supervisor (Tech. G.I Engg.)</b> in Rs. 10300-34800+ GP 4800 <b>Vacant-2</b>
	<b>One Diesel Mechanic (Tech. G.II Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>Two Auto Mechanic (Tech. G.II Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant-2</b>
	<b>One Head Mistry (Tech. G.II Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Time Keeper (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Head Carpenter (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>Three Fitter (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-3</b>

	<b>One Turner (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant</b>	
	<b>One Electric-cum-Gas Welder (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant</b>	
	<b>Three Painter (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant-3</b>	
	<b>Two Tin Smith (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant-2</b>	
	<b>Four Carpenter (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant-4</b>	
	<b>One Band-saw-man (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant</b>	
	<b>One Tailor (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant</b>	
	<b>One Auto Electrician (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant</b>	
	<b>Five Helper (Tech. G-IV. Engg.) in Rs. 5910-20200+ GP 1900/2400 Vacant-5</b>	
	<b>One Hammer Man (Tech. G-IV. Engg.) in Rs. 5910-20200+ GP 1900 Vacant</b>	
	<b>One Store Mate (Tech. G-IV. Engg.) in Rs. 5910-20200+ GP 1900 Vacant</b>	
	<b>One Auto Fitter (Tech. G-IV. Engg.) in Rs. 5910-20200+ GP 1900 Vacant</b>	
	<b>Four Chowkidar in Rs. 4900-10680+ GP 1650 Filled-1; Vacant-3</b>	
	<b>One Sweeper in Rs. 4900-10680+ GP 1650 Vacant</b>	
	<b>Two Messenger in Rs. 4900-10680+ GP 1650 Vacant-2</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>30,59,200</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	5,000
	Wages	70,000
	Office Contingency	25,000
	Recurring Contingency	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>32,59,200</b>

	<b><u>Part-C Extension (PC-1076.3)(Controlling Officer: DEE)</u></b>	
	<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	<b>One Head Mistry (Tech. G.II Engg.) in Rs. 10300-34800+ GP 3800 Vacant</b>	
	<b>One Mechanic (Tech. G.II Engg.) in Rs. 10300-34800+ GP 3800 Vacant</b>	
	<b>One Foreman (Tech. G.II Engg.) in Rs. 10300-34800+ GP 3800 Vacant (HIA)</b>	
	<b>One Fitter-cum-Cleaner (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Filled</b>	
	<b>One Auto Electrician (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant</b>	
	<b>Two Helper (Tech. G.IV Engg.) in Rs. 5910-20200+ GP 1900/2400 Vacant-2</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	-
	<b><u>SUMMARY TABLE</u></b>	
	<b>Part-B (Research)</b>	<b>32,59,200</b>
	<b>Part-C (Extension)</b>	-
	<b>Total</b>	<b>32,59,200</b>



**RESEARCH & EDUCATION SCHEME NO. 76 (PC-1016.3)**

<b>Name of the Scheme</b>	<b>Establishment of Communication Centre</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,08,99,900/-</b>
<b>Year of Start</b>	1962-63, 1974-75 & 1990-91
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Additional Director Communication, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b><u>Part-C Extension (PC-1016.3) (Controlling Officer: DEE)</u></b>	
•	<b>Pay of Officers</b>
	<b>One Additional Director Communication</b> in Rs. 37400-67000+AGP 10000+800 SA <b>Filled</b>
	<b>One Assistant Director (Public Relations)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Deputy Director (Publications)</b> in Rs. 37400-67000+ AGP 9000 <b>Filled</b> (This post has been filled as Assistant Director (Publications) in the scale of Rs. 15600-39100+ GP 5400)
	<b>One Assistant Director (Publications)</b> in Rs. 15600-39100+ GP 5400 <b>Filled</b> (The pay scale of the post has been downgraded from Rs. 15600-39100+ AGP 6000 to Rs. 15600 -39100+ GP 5400 by the BOM in its 281 <sup>st</sup> meeting held on 30.5.2017)
	<b>Two Editor (Punjabi)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-1</b>
	<b>One Assistant Director (Radio Programme)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Assistant Director (Television)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled</b>
	<b>One Assistant Director (Communication)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
•	<b>Pay of Establishment</b>
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ SA 1200 <b>Filled</b>
	<b>One Personal Assistant</b> in Rs. 10300-34800+ GP 4800+ SA 600 <b>Filled</b>
	<b>One Programmer</b> in Rs. 15600-39100+ GP 5400 <b>Vacant</b>

	<b>One Business Manager</b> in Rs. 10300-34800+ GP 5000 <b>Filled</b>
	<b>One Assistant Director (Museum)</b> in Rs. 10300-34800+ GP 5000 <b>Vacant</b>
	<b>Three Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-3</b>
	<b>Three Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant-3</b>
	<b>One Senior Scale Stenographer (Punjabi)</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>Seven Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-7</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Vacant</b>
	<b>One Artist</b> in Rs. 10300-34800+ GP 4800 <b>Vacant (on contract)</b>
	<b>One Dark Room Assistant (Tech. G.II Lab.)</b> in Rs. 10300-34800+ GP 3800/4200 <b>Vacant</b>
	<b>One Senior Photographer (Tech. G.II Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>
	<b>One Museum Assistant (Tech. G.II Lab.)</b> in Rs. 10300-34800+ GP 3800 <b>Filled</b>
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Computer Operator</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Distribution Assistant</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Sales Promotion Assistant</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>One Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Vacant</b>
	<b>One Bus Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Filled</b>
	<b>One Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>
	<b>One Paper Feedman (Offset)</b> in Rs. 5910-20200+ GP 2400 <b>Vacant</b>
	<b>One Book Binder</b> in Rs. 5910-20200+ GP 2400 <b>Filled</b>
	<b>One Cinema Operator (Tech. G.III Lab.)</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>
	<b>Two Packer</b> in Rs. 5910-20200+ GP 1900 <b>Filled-1; Vacant-1</b>
	<b>One Cleaner</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>

	<b>Ten Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled-4; Vacant-6</b>	
	<b>Two Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-1</b>	
	<b>One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	3,86,59,400
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	1,21,000
	Office Contingency	44,000
	Recurring Contingency	35,500
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	20,00,000
	<b>Total</b>	<b>4,08,99,900</b>
<b>One post of Museum Assistant and one post of Chowkidar have been shifted from Scheme No. R&amp;E-31 (PC-1066.1) vide No. RAU/ Admn.VIII.AU.2022/13693-99 dated 22.11.2022.</b>		

**RESEARCH & EDUCATION SCHEME NO. 77 (PC-1017.3)**

<b>Name of the Scheme</b>	<b>University Press</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.40,34,900/-</b>
<b>Year of Start</b>	1963-64 & 1981-82
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Press Manager/ Additional Director Communication, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b><u>Part-C Extension (PC-1017.3) (Controlling Officer: Registrar)</u></b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	<b>One Press Manager</b> in Rs. 10300-34800+ GP 5000 (for Direct Recruittee) and Rs. 10300-34800+ GP 5400 (for Promotee) <b>Vacant</b>
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>One Press Foreman</b> in Rs. 10300-34800+ GP 3600 <b>Vacant</b>
	<b>Two Store Keeper (Tech. G.III Store)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>
	<b>Two DTP Operator</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>
	<b>One Section Holder</b> in Rs. 5910-20200+ GP 2800 <b>Filled</b>
	<b>One Press Mechanic</b> in Rs. 5910-20200+ GP 2800 <b>Vacant</b>
	<b>One Senior Proof Reader</b> in Rs. 5910-20200+ GP 2800 <b>Vacant</b>
	<b>Three Senior Machineman (Including Two Sr. Machineman (Offset))</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-3</b>
	<b>Two Restorer</b> in Rs. 5910-20200+ GP 2400+ SA 160 <b>Vacant-2</b>
	<b>One Mono Operator</b> in Rs. 5910-20200+ GP 2400 <b>Vacant</b>
	<b>Nine Compositor</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-9</b>

	<b>Two Junior Proof Reader</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-2</b>	
	<b>Four Book Binder</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-4</b>	
	<b>Three Warehousemen</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-3</b>	
	<b>Three Junior Machinemen</b> in Rs. 5910-20200+ GP 2400 <b>Vacant-3</b>	
	<b>One Tradleman</b> in Rs. 5910-20200+ GP 2400 <b>Vacant</b>	
	<b>One Production Assistant</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>Three Copy Holder</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-3</b>	
	<b>Three Distributor</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-3</b>	
	<b>Three Inker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-3 (1 on contract)</b>	
	<b>One Store Mate</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>One Assistant Monocaster</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>One Machine Assistant-cum-Impositor</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>Two Assistant Warehouseman</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-2</b>	
	<b>One Gally Proof Pressman</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>One Photo Composing Operator</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	38,64,400
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	1,21,000
	Office Contingency	22,000
	Recurring Contingency	27,500
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>40,34,900</b>

**RESEARCH & EDUCATION SCHEME NO. 78 (PC-1084)**

<b>Name of the Scheme</b>		<b>Strengthening of Agricultural Research</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.1,55,00,000/-</b>
<b>Year of Start</b>		2014-15
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ Director of Research, PAU
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
	<b>BUDGET ESTIMATES 2023-24</b>	
	<b>Revenue Expenditure</b>	
<b>I.</b>	<b>Wages</b>	85,00,000
<b>II.</b>	<b>Office Contingency</b>	-
<b>III.</b>	<b>Recurring Contingency</b>	70,00,000
	<b>Total</b>	<b>1,55,00,000</b>

(Note:-Expenditure will be incurred on receipt of funds from the state government.)

**RESEARCH & EDUCATION SCHEME NO. 79 (PC-1088)**

Name of the Scheme	Establishment of Gurdev Singh Khush Institute of Genetics, Plant Breeding & Biotechnology.	
Budget Estimates 2023-24	Rs.14,00,000/-	
Year of Start	2023-24	
Duration of Project	Continuous Nature	
Headquarter/ Drawing & Disbursing Officer	Ludhiana/ Director, SOAB, PAU.	
Source of Funding	100% State Scheme	
Income, if any	-	
<u>Statement of Cost for the year 2023-24</u>		
	BUDGET ESTIMATES 2023-24	
	<u>Part-B Research (PC-1088) (Controlling Officer: Director of Research)</u>	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	30,000
	Wages	3,00,000
	Office Contingency	70,000
	Recurring Contingency	10,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	14,00,000

**RESEARCH & EDUCATION SCHEME NO. 80 (Old RDF-1) (PC-3041)**

<b>Name of the Scheme</b>	<b>Fruit Plant Nursery</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.95,82,700/-</b>
<b>Year of Start</b>	2010-11
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/HOD, Fruit Science, PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>
	<b>One Senior Fruit Scientist</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant (HIA)</b>
•	<b>Pay of Establishment</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b> <span style="float:right">2,62,700</span>
<b>II.</b>	<b>Revenue Expenditure</b>
	Travelling Allowance <span style="float:right">20,000</span>
	Wages <span style="float:right">78,00,000</span>
	Office Contingency <span style="float:right">-</span>
	Recurring Contingency <span style="float:right">15,00,000</span>
<b>III.</b>	<b>Capital Expenditure</b>
	Non Recurring Contingency <span style="float:right">-</span>
	<b>Total</b> <span style="float:right"><b>95,82,700</b></span>



**RESEARCH & EDUCATION SCHEME NO. 81 (Old RDF-5) (PC-3045)**

<b>Name of the Scheme</b>		<b>Testing of Soil, Water, Plant and other Biological Material</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.10,00,000/-</b>
<b>Year of Start</b>		2010-11
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ HOD, Soil Science, PAU.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DR)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	5,00,000
	Office Contingency	-
	Recurring Contingency	5,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>10,00,000</b>

**RESEARCH & EDUCATION SCHEME NO. 82 (Old RDF-6) (PC-3046)**

<b>Name of the Scheme</b>		<b>Bee Keeping.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.1,00,000/-</b>
<b>Year of Start</b>		2010-11
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ HOD, Entomology, PAU.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DR)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	50,000
	Office Contingency	-
	Recurring Contingency	50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,00,000</b>

**RESEARCH & EDUCATION SCHEME NO. 83 (Old RDF-7) (PC-3047)**

Name of the Scheme		Strengthening of Mushroom Production, Bio-Fertilizers & Food/ Water/ Milk Evaluation Facilities.
Budget Estimates 2023-24		Rs.27,89,000/-
Year of Start		2010-11
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/HOD, Microbiology, PAU.
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
(Controlling Officer: DR)		
PRIMARY UNIT		
●	Pay of Officers	
	One Mycologist (Mushroom) in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant	
●	Pay of Establishment	
	One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Vacant	
	One Lab. Attendant (Tech. G-IV Lab.) in Rs. 5910-20200+ GP 1900/2400 Vacant (HIA)	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	12,87,000
II.	Revenue Expenditure	
	Travelling Allowance	2,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	15,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	27,89,000

**RESEARCH & EDUCATION SCHEME NO. 84 (Old RDF-8) (PC-3048)**

<b>Name of the Scheme</b>		<b>Food Processing.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.2,75,000/-</b>
<b>Year of Start</b>		2010-11
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ HOD, FST, PAU.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DR)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,75,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,75,000</b>

**RESEARCH & EDUCATION SCHEME NO. 85 (Old RDF-9) (PC-3049)**

<b>Name of the Scheme</b>		<b>Development &amp; Evaluation of Farm Machinery.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.24,00,000/-</b>
<b>Year of Start</b>		2010-11
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ HOD, FM&PE, PAU.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DR)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	24,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>24,00,000</b>

**RESEARCH & EDUCATION SCHEME NO. 86 (Old RDF-10) (PC-3050)**

Name of the Scheme		Regional Research station for Kandi Area, Ballawal Saunkhri	
Budget Estimates 2023-24		Rs.14,80,000/-	
Year of Start		2010-11	
Duration of Project		Continuous Nature	
Headquarter/ Drawing & Disbursing Officer		Ballawal Saunkhri/ Director, RS, Ballawal Saunkhri.	
Source of Funding		100% State Scheme	
Income, if any		-	
<u>Statement of Cost for the year 2023-24</u>			
<u>(Controlling Officer: DR)</u>			
PRIMARY UNIT			
●	Pay of Officers		
	-		
●	Pay of Establishment		
	-		
	BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-	
II.	Revenue Expenditure		
	Travelling Allowance	50,000	
	Wages	-	
	Office Contingency	-	
	Recurring Contingency	14,30,000	
III.	Capital Expenditure		
	Non Recurring Contingency	-	
	Total	14,80,000	

**RESEARCH & EDUCATION SCHEME NO. 87 (Old RDF-11) (PC-3051.1 - 3051.3)**

Name of the Scheme	Regional Research Station, Gurdaspur I. Seed Production II. Fruit Plant Nursery & Orchard Management III. Soil & Water Testing etc.	
Budget Estimates 2023-24	Rs.1,08,83,800/-	
Year of Start	2010-11	
Duration of Project	Continuous Nature	
Headquarter/ Drawing & Disbursing Officer	Gurdaspur/Ludhiana/ Director, RS, Gurdaspur (Part-I)/ Director (Seeds) (Part-II), PAU.	
Source of Funding	100% State Scheme	
Income, if any	-	
Statement of Cost for the year 2023-24		
(Controlling Officer: DR)		
PRIMARY UNIT (Part-I) (PC-3051.1)		
•	Pay of Officers	
	One Scientist (Seed Production) in Rs. 15600-39100 + AGP 6000/7000/8000 Vacant	
•	Pay of Establishment	
	One Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled	
	One Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA Vacant	
	One Tractor Driver (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 + SA 1000 Filled	
	One Store Keeper (Tech. G.III Store) in Rs. 10300-34800+ GP 3200 Vacant	
	One Cook-cum-Chowkidar in Rs. 5910-20200+ GP 1900 Filled	
	One Sweeper in Rs. 4900-10680+ GP 1650 Vacant	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	33,11,300
II.	Revenue Expenditure	
	Travelling Allowance	40,000
	Wages	27,50,000
	Office Contingency	2,20,000
	Recurring Contingency	9,90,000
III.	Capital Expenditure	
	Non Recurring Contingency	10,00,000
	Total	83,11,300

(Part-II and III) (PC-3051.2 and 3051.3)		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	One Budder (Tech. G.III Field) in Rs. 10300-34800+ GP 3200 Vacant	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	7,07,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	30,000
	Wages	15,40,000
	Office Contingency	75,000
	Recurring Contingency	2,20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>25,72,500</b>
	<b>Grand Total (Part-I+II&amp;III)</b>	<b>1,08,83,800</b>



**RESEARCH & EDUCATION SCHEME NO. 88 (Old RDF-12) (PC-3052)**

<b>Name of the Scheme</b>	<b>Raja Harinder Singh Seed Farm, Faridkot.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,23,20,500/-</b>
<b>Year of Start</b>	1991-92
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Faridkot/Ludhiana/ Director, RHSSF, Faridkot/ Associate Director (Seeds), PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT (Part-I)</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Scientist (Seed Production)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Vacant</b>
	<b>One Scientist (Seed Production)</b> in Rs. 15600-39100 +AGP 6000/7000/8000 <b>Filled</b>
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>One Agriculture Field Officer</b> in Rs. 15600-39100+ GP 5400 <b>Filled</b>
	<b>Two Tractor Driver (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200+ SA 1000 <b>Vacant-2</b>
	<b>One Farm Manager</b> in Rs. 9300-34800 + GP 4200 <b>Filled</b>
	<b>Two Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. ASI</b> in Rs. 10300-34800+ GP 4200 <b>Vacant-2 (1 on contract)</b>
	<b>One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>
	<b>Six Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-6 (2 on contract)</b>
	<b>Six Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Filled-2; Vacant-4 (1 on contract)</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,37,20,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Wages	1,82,00,000
	Office Contingency	-
	Recurring Contingency	3,03,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,23,20,500</b>

\*As the lease of the Seed Farm, Faridkot has been lapsed. Therefore, the scheme has been included in the Budget Estimates 2023-24 with the condition that the posts in the scheme will be shifted to the relevant schemes alongwith budget. Moreover, any expenditure in the scheme will be incurred with the approval of worthy Vice Chancellor.

**RESEARCH & EDUCATION SCHEME NO. 89 (Old RDF-13) (PC-3053.1-3053.3)**

Name of the Scheme	Regional Research Station, Bathinda I. Seed Production II. Fruit Plant Nursery & Orchard Management III. Soil & Water Testing etc.	
Budget Estimates 2023-24	Rs.85,68,000/-	
Year of Start	2011-12	
Duration of Project	Continuous Nature	
Headquarter/ Drawing & Disbursing Officer	Bathinda/Ludhiana/ Director, RS, Bathinda/ Associate Director (Seeds), PAU.	
Source of Funding	100% State Scheme	
Income, if any	-	
Statement of Cost for the year 2023-24		
(Controlling Officer: DR)		
PRIMARY UNIT (Part-I) (PC-3053.1)		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Filled	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	10,35,100
II.	Revenue Expenditure	
	Travelling Allowance	15,000
	Wages	17,60,000
	Office Contingency	-
	Recurring Contingency	13,20,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	41,30,100
(Part-II) (PC-3053.2)		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Filled	
	Two Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Vacant-2	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	8,87,900
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Wages	20,00,000
	Office Contingency	-
	Recurring Contingency	11,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>39,97,900</b>
	<b>(Part-III) (PC-3053.3)</b>	
	Recurring Contingency	4,40,000
	<b>Total</b>	<b>4,40,000</b>
	<b>Grand Total (Part-I+II+III)</b>	<b>85,68,000</b>

**RESEARCH & EDUCATION SCHEME NO. 90 (Old RDF-14) (PC-3054)**

Name of the Scheme		Regional Research Station, Abohar I. Fruit Plant Nursery & Orchard Management II. Seed Production	
Budget Estimates 2023-24		Rs.57,24,500/-	
Year of Start		2010-11	
Duration of Project		Continuous Nature	
Headquarter/ Drawing & Disbursing Officer		Abohar/ Director, RFRS, Abohar.	
Source of Funding		100% State Scheme	
Income, if any		-	
Statement of Cost for the year 2023-24			
(Controlling Officer: DR)			
PRIMARY UNIT			
●	Pay of Officers		
	-		
●	Pay of Establishment		
	One Budder (Tech. G.III Field) in Rs. 10300-34800+ GP 3200 Vacant		
	BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	7,19,500	
II.	Revenue Expenditure		
	Travelling Allowance	5,000	
	Wages	-	
	Office Contingency	-	
	Recurring Contingency	50,00,000	
III.	Capital Expenditure		
	Non Recurring Contingency	-	
	Total	57.24,500	

**RESEARCH & EDUCATION SCHEME NO. 91 (Old RDF-15) (PC-3055)**

<b>Name of the Scheme</b>	<b>University Seed Farm, Naraingarh.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,20,00,700/-</b>
<b>Year of Start</b>	2010-11
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, USF Naraingarh/ Director (Seeds), PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Principal Scientist (Seed Production)</b> in Rs. 37400-67000+ AGP 10000/12000 <b>Filled</b>
	<b>Two Scientist (Seed Production)</b> in Rs. 15600-39100+ AGP 6000/7000 <b>Filled-2</b>
	<b>One Plant Breeder</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
<b>• Pay of Establishment</b>	
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>One Farm Manager</b> in Rs. 9300-34800+ GP 4200 <b>Filled</b>
	<b>Three Tractor Driver (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200+ 1000 SA <b>Filled-2; Vacant-1 (1 on contract)</b>
	<b>One Store Keeper (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant (HIA)</b>
	<b>Two Tubewell Operator (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2 (HIA-1)</b>
	<b>One Agricultural Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/4200 <b>Vacant (on contract)</b>
	<b>One Mechanic (Tech. G-II Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant</b>
	<b>One Jr. Mechanic (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant (HIA)</b>
	<b>One Helper (Tech. G-IV Engg.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>
	<b>One Store Mate (Tech. G-IV Engg.)</b> in Rs. 5910-20200+ GP 1900/2400 <b>Vacant</b>

	<b>Seven Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-7 (4 on contract) (HIA-2)</b>	
	<b>Four Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-3 (2 on contract)</b>	
	<b>Two Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2 (1 on contract)</b>	
	<b>One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Vacant (on contract)</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,32,00,700
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Wages	1,20,00,000
	Office Contingency	-
	Recurring Contingency	1,55,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	12,00,000
	<b>Total</b>	<b>4,20,00,700</b>

**RESEARCH & EDUCATION SCHEME NO. 92 (Old RDF-16) (PC-3056)**

<b>Name of the Scheme</b>	<b>University Seed Farm, Nabha.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,04,84,500/-</b>
<b>Year of Start</b>	2010-11
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, USF Nabha/ Director (Seeds), PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Scientist (Seed Production)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Scientist (Agricultural Engineering)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
	<b>One Olericulturist (Seed Production)</b> in Rs.15600-39100+AGP 6000/7000/8000 <b>Filled</b>
	<b>One Scientist (Post Harvest Management)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
<b>• Pay of Establishment</b>	
	<b>Two Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled-2</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant-2</b>
	<b>One Farm Manager</b> in Rs. 9300-34800+ GP 4200 <b>Filled</b>
	<b>Five Tractor Driver (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200+ 1000 SA <b>Filled-3; Vacant-2</b>
	<b>Two Tubewell Operator (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2</b>
	<b>Three Agricultural Sub Inspector(Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/4200 <b>Vacant-3 (HIA-1)</b>
	<b>One Foreman (Tech. G.II Engg.)</b> in Rs. 10300-34800+ GP 3800 <b>Vacant (not to be filled)</b>
	<b>Four Mechanic (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-1; Vacant-3</b>



	<b>Two Store Keeper (Tech. G.III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant-2 (One HIA in lieu of creation of one post of Clerk)</b>	
	<b>One Jeep Driver</b> in Rs. 5910-20200+ GP 2400+ SA 1400 <b>Vacant</b>	
	<b>Seven Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled-1; Vacant-6 (1 on contract)</b>	
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,67,24,500
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,25,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	12,00,000
	<b>Total</b>	<b>5,04,84,500</b>

**RESEARCH & EDUCATION SCHEME NO. 93 (Old RDF-17) (PC-3057)**

<b>Name of the Scheme</b>	<b>University Seed Farm, Kapurthala.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,04,35,100/-</b>
<b>Year of Start</b>	2010-11
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, RS Kapurthala/ Director (Seeds), PAU.
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT (Part-A) Kapurthala</b>	
<b>• Pay of Officers</b>	
	<b>One Scientist (Seed Production)</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Vacant</b>
<b>• Pay of Establishment</b>	
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Vacant</b>
	<b>One Senior Scale Stenographer</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>
	<b>One Farm Manager</b> in Rs. 9300-34800+ GP 4200 <b>Filled</b>
	<b>Two Tractor Driver (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200+ 1000 SA <b>Filled-1; Vacant-1</b>
	<b>One Tubewell Operator (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Agricultural Sub Inspector(Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/4200 <b>Filled</b>
	<b>Two Plant Observer (Tech. G.III Field)</b> in Rs.10300-34800+ GP 3200 <b>Vacant-2</b>
	<b>One Senior Mechanic (Tech. G.III)</b> in Rs. 10300-34800+ GP 3200 <b>Vacant</b>
	<b>One Pump Driver</b> in Rs. 5910-20200+ GP 1900 <b>Vacant (HIA)</b>
	<b>Six Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-6 (HIA-3)</b>
	<b>Two Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>
	<b>Two Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-2</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,02,05,100
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	38,50,000
	Office Contingency	-
	Recurring Contingency	48,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	5,00,000
	<b>Total</b>	<b>1,93,95,100</b>
	<b>Part-B: Seed Production of Sugarcane (Shifted from USF, Ladhowal)</b>	
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	10,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>10,40,000</b>
	<b>Grand Total (Part-A+B)</b>	<b>2,04,35,100</b>

**RESEARCH & EDUCATION SCHEME NO. 94 (Old RDF-18) (PC-3058)**

<b>Name of the Scheme</b>	<b>University Seed farm, Ladhowal. Seed Production of Field Crops &amp; Vegetable Crops.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.7,55,16,700/-</b>
<b>Year of Start</b>	2001-2002
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, Ladhowal Farm/ Director (Seeds).
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	<b>One Jr. Stenographer</b> in Rs. 9300-34800+ GP 4800 <b>Filled</b>
	<b>Three Farm Manager</b> in Rs. 9300-34800+ GP 4200 (University Cadre) <b>Filled-3</b>
	<b>Two Tractor Driver</b> in Rs. 23500-82000 <b>Filled-2</b>
	<b>Three Truck/Jeep Driver</b> in Rs. 23500-82000 <b>Filled-3</b>
	<b>Two Lower Division Clerk</b> in Rs. 23500-82000 <b>Filled-2</b>
	<b>One Budder Grafter</b> in Rs. 23500-82000 <b>Filled</b>
	<b>One Security Guard</b> in Rs. 17000-60000 <b>Filled</b>
	<b>Five Regular Workers</b> in Rs. 15500-50000 <b>Filled-5</b>
<b>O. A. &amp; H. (DA, EPF University Share, House rent, Medical, Project Allowance, Personal Pay, Pension Contribution, Transportation Allowance, Milk Subsidy, perk &amp; allowances, leave encashment etc. Pay Revision of University Cadre Employees. Wages of 240 days completed daily paid worker including EPF/ESI contribution, bonus etc., i.e.transferred from SFCI/PLDRC to PAU.</b>	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	2,49,96,700
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	4,95,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>7,55,16,700</b>

**RESEARCH & EDUCATION SCHEME NO. 95 (Old RDF-19) (PC-3059)**

<b>Name of the Scheme</b>	<b>Fruit Plant Nursery &amp; Orchard Management.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,45,17,100/-</b>
<b>Year of Start</b>	2010-11
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, FRS Gangian (Part-A)/ FRS Jallowal Lesriwal (Hoshiarpur) (Part-B).
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT (Part-A) Gangian</b>	
●	<b>Pay of Officers</b>
	<b>Two Fruit Scientist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-2</b>
●	<b>Pay of Establishment</b>
	<b>One Senior Assistant</b> in Rs. 10300-34800+ GP 4400+ 480 SA <b>Filled</b>
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled</b>
	<b>One Horticulture Supervisor (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/ <b>Sr. Hort. Supervisor</b> in Rs. 10300-34800+ GP 4200 <b>Filled</b>
	<b>One Tractor Driver (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200+ 1000 SA <b>Filled</b>
	<b>Two Budder (Tech. G-III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Filled-1; Vacant-1</b>
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
	<b>One Sweeper</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant</b>
	<b>Three Beldar</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-3</b>
	<b>Seven Mali</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant-7 (2 on contract)</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	88,39,900
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	25,000
	Wages	8,80,000
	Office Contingency	1,00,000
	Recurring Contingency	6,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,04,44,900</b>
<b>(Part-B) Jallowal Lesriwal (Hoshiarpur)</b>		
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	<b>One Office Supervisor @ Rs. 13,408/- p.m. Fixed Filled</b>	
	<b>Two Junior Labour Supervisor @ Rs. 9,908/- p.m. Fixed Filled-2</b>	
	<b>Six Assistant Security Supervisor @ Rs. 9,908/- p.m. Fixed Filled-6</b>	
	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	14,02,200
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	16,50,000
	Office Contingency	-
	Recurring Contingency	7,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	3,00,000
	<b>Total</b>	<b>40,72,200</b>
	<b>Grand Total (Part A+B)</b>	<b>1,45,17,100</b>

**RESEARCH & EDUCATION SCHEME NO. 96 (Old RDF-20) (PC-3060)**

<b>Name of the Scheme</b>	<b>Fruit Plant Nursery &amp; Orchard Management, FRS, Bahadurgarh (Patiala).</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,33,35,800/-</b>
<b>Year of Start</b>	2010-11
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, RS Bahadurgarh (Patiala).
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>(Controlling Officer: DR)</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Principal Fruit Scientist</b> in Rs. 37400-67000+ AGP 10000 <b>Filled</b> (PP for Dr. Rajbir Singh Boora)
	<b>Two Fruit Scientist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-1; Vacant-1</b>
<b>● Pay of Establishment</b>	
	<b>Two Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Filled-1; Vacant-1</b>
	<b>One Steno Typist</b> in Rs. 10300-34800+ GP 3200+ 240 SA <b>Filled</b>
	<b>One Tractor Driver (Tech. G-III Engg.)</b> in Rs. 10300-34800+ GP 3200+ 1000 SA <b>Vacant</b>
	<b>One Horticulture Sub Inspector (Tech. G.III Field)</b> in Rs. 10300-34800+ GP 3200/4200 <b>Vacant</b>
	<b>One Budder (Tech. G-III Field)</b> in Rs. 10300-34800+ GP 3200 <b>Filled</b>
	<b>One Office Assistant-cum-Field Helper</b> @ Rs. 12,617/- p.m. Fixed <b>Filled</b>
	<b>Six Beldar</b> in Rs. 4900-10680+ GP 1650 <b>Vacant-6 (2 on contract)</b>
	<b>One Chowkidar</b> in Rs. 4900-10680+ GP 1650 <b>Filled</b>
	<b>One Messenger</b> in Rs. 4900-10680+ GP 1650 <b>Vacant (1 on contract)</b>



	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,05,35,800
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Wages	11,00,000
	Office Contingency	2,00,000
	Recurring Contingency	6,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	8,00,000
	<b>Total</b>	<b>1,33,35,800</b>

**RESEARCH & EDUCATION SCHEME NO. 97 (Old RDF-21) (PC-3061)**

Name of the Scheme		Strengthening of Seed Production Programme.
Budget Estimates 2023-24		Rs.57,47,000/-
Year of Start		2010-11
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana, Director, RS Kheri/ Director (Seeds), PAU.
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
(Controlling Officer: DR)		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	One Farm Manager in Rs. 9300-34800+ GP 4200 Vacant	
	Two Tractor Driver in Rs. 5910-20200+ GP 2000 Filled-2	
	One Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Vacant	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	15,77,000
II.	Revenue Expenditure	
	Travelling Allowance	20,000
	Wages	15,00,000
	Office Contingency	1,00,000
	Recurring Contingency	17,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	8,50,000
	Total	57,47,000

**RESEARCH & EDUCATION SCHEME NO. 98 (Old RDF-22) (PC-3062)**

Name of the Scheme		Management of Revolving Fund Seed Farms through Central Unit at Ludhiana.
Budget Estimates 2023-24		Rs.93,63,400/-
Year of Start		2010-11
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana, Director (Seeds), PAU.
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
(Controlling Officer: DR)		
PRIMARY UNIT		
●	Pay of Officers	
	One Senior Scientist (Seed Production) in Rs. 37400-67000+ AGP 9000 Vacant	
●	Pay of Establishment	
	One Superintendent in Rs. 15600-39100+ GP 5400+ 1200 SA Filled	
	Two Senior Assistant in Rs. 10300-34800+ GP 4400+ 480 SA Filled-2	
	One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Vacant	
	One Steno Typist in Rs. 10300-34800+ GP 3200+ 240 SA Vacant	
	One Store Keeper (Tech. G.III Engg.) in Rs. 10300-34800+ GP 3200 Vacant	
	One Computer Assistant in Rs. 10300-34800+ GP 3200 Vacant	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	83,48,400
II.	Revenue Expenditure	
	Travelling Allowance	25,000
	Wages	2,20,000
	Office Contingency	-
	Recurring Contingency	7,70,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	93,63,400

**RESEARCH & EDUCATION SCHEME NO. 99 (Old RDF-23) (PC-3063)**

Name of the Scheme		Seed Production of Improved Varieties/ Hybrids of Cotton, Pulses and Sugarcane.
Budget Estimates 2023-24		Rs.12,80,000/-
Year of Start		2010-11
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Director, Regional Station, Faridkot.
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
(Controlling Officer: DR)		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	8,80,000
	Office Contingency	-
	Recurring Contingency	4,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	12,80,000

**RESEARCH & EDUCATION SCHEME NO. 100 (Old RDF-2) (PC-3042.1 & 3042.2)**

Name of the Scheme		Nursery production of forest trees, medicinal aromatic and spice crops.
Budget Estimates 2023-24		Rs.19,62,800/-
Year of Start		2010-11
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/ Director, School of Organic Farming (Part-I)/ HOD, F&NR (Part-II), PAU.
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
(Controlling Officer: DR)		
PRIMARY UNIT (Part-I School of Organic Farming)		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,20,000
III.	Capital Expenditure	
	Non Recurring Contingency	1,00,000
	Total	3,20,000
(Part-II Forestry & Natural Resources)		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	Two Jr. Field/ Lab. Helpers @ Rs. 9,908/- p.m. fixed Filled	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	2,75,800
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	13,67,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	16,42,800
	Grand Total (Part-I+II)	19,62,800

**RESEARCH & EDUCATION SCHEME NO. 101(Old RDF-25) (PC-3001)**

Name of the Scheme		Development of Ornamental Plants Nursery.	
Budget Estimates 2023-24		Rs.16,50,000/-	
Year of Start		1971-72	
Duration of Project		Continuous Nature	
Headquarter/ Drawing & Disbursing Officer		Ludhiana, Estate Officer, PAU	
Source of Funding		100% State Scheme	
Income, if any		-	
Statement of Cost for the year 2023-24			
(Controlling Officer: EO)			
PRIMARY UNIT			
●	Pay of Officers		
	-		
●	Pay of Establishment		
	One Jr. Engineer (Hort.)/ Extra Asstt. Engineer (Hort.) in Rs. 10300-34800+ GP 3800/ 10300-34800+ GP 4800 Vacant		
	One Hort. Supervisor (Tech. G-III Field) in Rs. 10300-34800+ GP 3200/ (Rs. 10300-34800+ GP 4200 for 20% posts) Vacant		
	One Tractor Driver (Tech. G-III Engg.) in Rs. 10300-34800+ GP 3200+ 1000 SA Vacant		
	BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff		-
II.	Revenue Expenditure		
	Travelling Allowance		-
	Wages		-
	Office Contingency		-
	Recurring Contingency		16,50,000
III.	Capital Expenditure		
	Non Recurring Contingency		-
	Total		16,50,000

**RESEARCH & EDUCATION SCHEME NO. 102 (Old RDF-26) (PC-3002)**

<b>Name of the Scheme</b>		<b>Nursery Classes in Child Development.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.4,60,000/-</b>
<b>Year of Start</b>		1973-74
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana, HOD (HD&FS)
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: Dean, COHSc)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	<b>One Child Care Attendant @ Rs. 9,908/-p.m. Fixed Filled</b>	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	1,60,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	1,00,000
	<b>Total</b>	<b>4,60,000</b>

**RESEARCH & EDUCATION SCHEME NO. 103 (Old RDF-27) (PC-3003)**

<b>Name of the Scheme</b>		<b>Conduct of Entrance Examination for Various Academic Programmes.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.1,06,10,000/-</b>
<b>Year of Start</b>		1986-87
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana, Controller of Examination/ Registrar, PAU
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer:Registrar)</u></b>		
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Wages	4,00,000
	Office Contingency	-
	Recurring Contingency	90,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	12,00,000
	<b>Total</b>	<b>1,06,10,000</b>



**RESEARCH & EDUCATION SCHEME NO. 104 (Old RDF-28) (PC-3005)**

Name of the Scheme		Punjab Agricultural University Publications
Budget Estimates 2023-24		Rs.1,33,10,000/-
Year of Start		1964-65
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana, ADC (Communication Centre)/ Director of Extension Education, PAU
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
(Controlling Officer: DEE)		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	1,33,10,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	1,33,10,000

**RESEARCH & EDUCATION SCHEME NO. 105 (Old RDF-29) (PC-3006)**

<b>Name of the Scheme</b>		<b>Social History Museum Fund scheme.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.1,10,000/-</b>
<b>Year of Start</b>		1973-74
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/Additional Director Communication, PAU
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: Dean, COCSc)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	1,10,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,10,000</b>

**RESEARCH & EDUCATION SCHEME NO. 106 (Old RDF-41) (PC-3020)**

<b>Name of the Scheme</b>		<b>Writing of Manuals, Text Books &amp; other Relevant Instructional Material for Students.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.2,20,000/-</b>
<b>Year of Start</b>		1998-99
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana, Dean, COBS&H, PAU.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>Controlling Office: Dean, COBS&amp;H</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,20,000</b>

**RESEARCH & EDUCATION SCHEME NO. 107(Old RDF-30) (PC-3008)**

Name of the Scheme		Seed Production in Field Crops.	
Budget Estimates 2023-24		Rs.29,10,000/-	
Year of Start		1990-91	
Duration of Project		Continuous Nature	
Headquarter/ Drawing & Disbursing Officer		Ludhiana, Director, RS Abohar.	
Source of Funding		100% State Scheme	
Income, if any		-	
Statement of Cost for the year 2023-24			
(Controlling Officer: DR)			
PRIMARY UNIT			
●	Pay of Officers		
	-		
●	Pay of Establishment		
	-		
BUDGET ESTIMATES 2023-24			
I.	Total Salary of Staff	-	
II.	Revenue Expenditure		
	Travelling Allowance	50,000	
	Wages	19,80,000	
	Office Contingency	-	
	Recurring Contingency	8,80,000	
III.	Capital Expenditure		
	Non Recurring Contingency	-	
	Total	29,10,000	

**RESEARCH & EDUCATION SCHEME NO. 108(Old RDF-32) (PC-3010)**

<b>Name of the Scheme</b>		<b>Seed Production at KVK, Gurdaspur.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.13,00,000/-</b>
<b>Year of Start</b>		1983-84
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Associate Director (Trg.) KVK, Gurdaspur
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	13,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>13,00,000</b>

**RESEARCH & EDUCATION SCHEME NO. 109 (Old RDF-33) (PC-3011)**

<b>Name of the Scheme</b>		<b>Seed Production at KVK, Ferozepur.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.17,60,000/-</b>
<b>Year of Start</b>		1991-92
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Deputy Director (Trg.) KVK, Ferozepur
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	11,00,000
	Office Contingency	-
	Recurring Contingency	6,60,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>17,60,000</b>

**RESEARCH & EDUCATION SCHEME NO. 110 (Old RDF-34) (PC-3012)**

<b>Name of the Scheme</b>		<b>Seed Production at KVK, Kapurthala.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.17,60,000/-</b>
<b>Year of Start</b>		1991-92
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Deputy Director (Trg.) KVK, Kapurthala
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	17,60,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>17,60,000</b>

**RESEARCH & EDUCATION SCHEME NO. 111 (Old RDF-35) (PC-3013)**

Name of the Scheme		Seed Production at KVK, Bathinda.
Budget Estimates 2023-24		Rs.11,00,000/-
Year of Start		1991-92
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Associate Director (Trg.) KVK, Bathinda
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
(Controlling Officer: DEE)		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	11,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	11,00,000



**RESEARCH & EDUCATION SCHEME NO. 112 (Old RDF-36) (PC-3014)**

<b>Name of the Scheme</b>		<b>Seed Production at KVK, Rauni (Patiala).</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.20,00,000/-</b>
<b>Year of Start</b>		1991-92
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Deputy Director (Trg.) KVK, Rauni (Patiala)
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	20,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>20,00,000</b>

**RESEARCH & EDUCATION SCHEME NO. 113 (Old RDF-37) (PC-3015)**

Name of the Scheme		Seed Production at KVK, Bahawal (Hoshiarpur).
Budget Estimates 2023-24		Rs.11,00,000/-
Year of Start		1992-93
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Associate Director (Trg.) KVK, Bahawal (Hoshiarpur)
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
(Controlling Officer: DEE)		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	11,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	11,00,000

**RESEARCH & EDUCATION SCHEME NO. 114 (Old RDF-38) (PC-3016)**

<b>Name of the Scheme</b>		<b>Seed Production at KVK, Langroya (Shaheed Bhagat Singh Nagar).</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.20,00,000/-</b>
<b>Year of Start</b>		1995-96
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Associate Director (Trg.) KVK, Langroya
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	20,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>20,00,000</b>

**RESEARCH & EDUCATION SCHEME NO. 115 (Old RDF-39) (PC-3017)**

<b>Name of the Scheme</b>		<b>Seed Production at KVK, Kheri (Sangrur).</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.18,00,000/-</b>
<b>Year of Start</b>		1998-99
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Incharge, KVK, Kheri (Sangrur)
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	18,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>18,00,000</b>

**RESEARCH & EDUCATION SCHEME NO. 116(Old RDF-40) (PC-3018)**

<b>Name of the Scheme</b>		<b>Seed Production at KVK, Faridkot.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.8,15,300/-</b>
<b>Year of Start</b>		1995-96
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Deputy Director (Trg.) KVK, Faridkot
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	6,60,000
	Office Contingency	-
	Recurring Contingency	1,55,300
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>8,15,300</b>

**RESEARCH & EDUCATION SCHEME NO. 117(Old RDF-43) (PC-3025)**

Name of the Scheme		Seed Production at KVK, Ropar	
Budget Estimates 2023-24		Rs.11,00,000/-	
Year of Start		2005-06	
Duration of Project		Continuous Nature	
Headquarter/ Drawing & Disbursing Officer		Deputy Director (Trg.) KVK, Ropar	
Source of Funding		100% State Scheme	
Income, if any		-	
Statement of Cost for the year 2023-24			
(Controlling Officer: DEE)			
PRIMARY UNIT			
●	Pay of Officers		
	-		
●	Pay of Establishment		
	-		
BUDGET ESTIMATES 2023-24			
I.	Total Salary of Staff	-	
II.	Revenue Expenditure		
	Travelling Allowance	-	
	Wages	-	
	Office Contingency	-	
	Recurring Contingency	11,00,000	
III.	Capital Expenditure		
	Non Recurring Contingency	-	
	Total	11,00,000	

**RESEARCH & EDUCATION SCHEME NO. 118(Old RDF-44) (PC-3026)**

<b>Name of the Scheme</b>		<b>Seed Production at KVK, Fatehgarh Sahib.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.8,80,000/-</b>
<b>Year of Start</b>		2005-06
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Deputy Director (Trg.) KVK, Fatehgarh Sahib
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	8,80,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>8,80,000</b>

**RESEARCH & EDUCATION SCHEME NO. 119(Old RDF-45) (PC-3027)**

Name of the Scheme		Seed Production at KVK, Goneana (Muktsar)
Budget Estimates 2023-24		Rs.34,50,000/-
Year of Start		2005-06
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Deputy Director (Trg.) KVK, Goneana (Muktsar)
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
(Controlling Officer: DEE)		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	27,50,000
III.	Capital Expenditure	
	Non Recurring Contingency	7,00,000
	Total	34,50,000



**RESEARCH & EDUCATION SCHEME NO. 120(Old RDF-46) (PC-3028)**

Name of the Scheme		Seed Production at KVK, Naag Kalan (Amritsar)
Budget Estimates 2023-24		Rs.6,00,000/-
Year of Start		1995-96
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Deputy Director (Trg.) KVK, Naag Kalan, Amritsar
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
(Controlling Officer: DEE)		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	6,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	6,00,000

**RESEARCH & EDUCATION SCHEME NO. 121(Old RDF-47) (PC-3029)**

Name of the Scheme		Seed Production at KVK, Budh Singh Wala (Moga)
Budget Estimates 2023-24		Rs.12,00,000/-
Year of Start		2005-06
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer		Deputy Director (Trg.) KVK, Budh Singh Wala (Moga).
Source of Funding		100% State Scheme
Income, if any		-
Statement of Cost for the year 2023-24		
(Controlling Officer: DEE)		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	12,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	12,00,000

**RESEARCH & EDUCATION SCHEME NO. 122 (Old RDF-48) (PC-3030)**

<b>Name of the Scheme</b>		<b>Seed Production Programme at KVK, Samrala</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.17,60,000/-</b>
<b>Year of Start</b>		2005-06
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Deputy Director (Trg.) KVK, Samrala.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	17,60,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>17,60,000</b>

**RESEARCH & EDUCATION SCHEME NO. 123(Old RDF-49) (PC-3033)**

<b>Name of the Scheme</b>		<b>Seed Production at KVK, Uppal Jagir Nurmahal.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.17,60,000/-</b>
<b>Year of Start</b>		2005-06
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Deputy Director (Trg.) KVK, Uppal Jagir, Nurmahal, Jalandhar.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	17,60,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>17,60,000</b>

**RESEARCH & EDUCATION SCHEME NO. 124 (Old RDF-50) (PC-3034)**

<b>Name of the Scheme</b>		<b>Seed Production at KVK, Khokhar Khurd (Mansa)</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.8,80,000/-</b>
<b>Year of Start</b>		2006-07
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ Incharge, KVK, Khokhar Khurd Mansa.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	8,80,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>8,80,000</b>

**RESEARCH & EDUCATION SCHEME NO. 125 (Old RDF-51) (PC-3035)**

<b>Name of the Scheme</b>		<b>High Resolution Imaging and Analysis in EMN Lab.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.3,00,000/-</b>
<b>Year of Start</b>		2007-08
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ HOD, Soil Science, PAU.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: Dean, COA)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	1,50,000
	Office Contingency	-
	Recurring Contingency	1,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,00,000</b>

**RESEARCH & EDUCATION SCHEME NO. 126 (Old RDF-52) (PC-3092)**

<b>Name of the Scheme</b>		<b>Production and Distribution of Bioagents for Control of Various Plant Diseases.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.50,000/-</b>
<b>Year of Start</b>		2011-12
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ HOD, Plant Pathology, PAU.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DR)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>50,000</b>

**RESEARCH & EDUCATION SCHEME NO. 127 (Old RDF-53) (PC-3093)**

<b>Name of the Scheme</b>		<b>Organization of Kisan Melas at PAU Campus &amp; Outstations.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.1,30,00,000/-</b>
<b>Year of Start</b>		2012-13
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ DEE, PAU.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DEE)</u></b>		
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency (for Kisan Melas) PAU Campus, Ludhiana- Rs.70,00,000 KVK, Amritsar- Rs.7,50,000 KVK, Patiala- Rs.12,00,000 RS, Faridkot- Rs.9,00,000 RS, Ballawal Saunkhri- Rs.9,00,000 RS, Gurdaspur- Rs.10,00,000 RS, Bathinda- Rs.12,50,000	1,30,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,30,00,000</b>



**RESEARCH & EDUCATION SCHEME NO. 128 (Old RDF-54) (PC-3095)**

<b>Name of the Scheme</b>		<b>Establishment of Floriculture Research Farm</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.6,60,000/-</b>
<b>Year of Start</b>		2012-13
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ HOD, Floriculture & Landscaping, PAU.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DR)</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	6,60,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,60,000</b>

**RESEARCH & EDUCATION SCHEME NO. 129 (PC-1085)**

<b>Name of the Scheme</b>	<b>Agricultural Marketing Innovation, Research and Intelligence Centre with PAU. (Salary)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,72,30,400/-</b>
<b>Year of Start</b>	2020-21
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/HOD, Economics & Sociology, PAU
<b>Source of Funding</b>	100% State Scheme
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B Research (PC-1085)(Controlling Officer: Director of Research)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Professor</b> in Rs. 37400-67000+ AGP 10000/12000+ 1000 SA <b>Vacant</b>
	<b>One Associate Professor</b> in Rs. 37400-67000+ AGP 9000 <b>Vacant</b>
	<b>Four Agricultural Economist</b> in Rs. 15600-39100+ AGP 6000/7000/8000 <b>Filled-4</b>
●	<b>Pay of Establishment</b>
	<b>One Superintendent</b> in Rs. 15600-39100+ GP 5400+ 1200 SA <b>Filled</b>
	<b>One Clerk/Jr Assistant</b> in Rs.10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>
	<b>Two Messenger</b> in Rs.4900-10680+ GP1650 <b>Vacant</b>
	<b>Six Junior Research Fellow</b> in Rs.31,000/- (fixed) P.M.+16% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and Rs.35,000/-(fixed) P.M. + 16% HRA for 3 <sup>rd</sup> year. <b>Filled-1; Vacant-5</b>
	<b>One Programmer</b> in Rs. 70,000 (Fixed) P.M. <b>Vacant</b>
	<b>Two Computer Operator</b> in Rs.13,500 (Fixed) P.M. <b>Vacant-2</b>
	<b>Eight Data Collector/Field Staff/ Data Collection Assistants</b> in Rs. 13,500/- (Fixed) P.M. <b>Vacant-8</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	1,58,30,400
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	2,00,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	10,00,000
	Consultancy (Model Development)	
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	2,00,000
	<b>Total</b>	<b>1,72,30,400</b>

**RESEARCH & EDUCATION SCHEME NO. 130 (PC-1086)**

Name of the Scheme	Establishment of PAU College of Agriculture at Ballawal Saunkhri (PAU), SBS Nagar.	
Budget Estimates 2023-24	Rs.13,93,40,000/-	
Year of Start	2020-21	
Duration of Project	Continuous Nature	
Headquarter/ Drawing & Disbursing Officer	Ludhiana/Dean, College of Agriculture, PAU	
Source of Funding	100% State Scheme	
Income, if any	-	
<u>Statement of Cost for the year 2023-24</u>		
	BUDGET ESTIMATES 2023-24	
	<u>Part-A Teaching (PC-1086) (Controlling Officer: Dean, College of Agriculture)</u>	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	3,05,00,000
II.	Revenue Expenditure	
	Travelling Allowance	2,00,000
	Wages	-
	Office Contingency	1,00,000
	Recurring Contingency	24,00,000
	Stipend/Scholarship/ Fellowship	2,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	10,59,40,000
	Total	13,93,40,000

**RESEARCH & EDUCATION SCHEME NO. 131 (PC-1087)**

Name of the Scheme	Agricultural Marketing Innovation, Research and Intelligence Centre with PAU. (Non Salary)	
Budget Estimates 2023-24	Rs.3,20,00,000/-	
Year of Start	2020-21	
Duration of Project	Continuous Nature	
Headquarter/ Drawing & Disbursing Officer	Ludhiana/HOD, Economics & Sociology, PAU	
Source of Funding	100% State Scheme	
Income, if any	-	
<u>Statement of Cost for the year 2023-24</u>		
	BUDGET ESTIMATES 2023-24	
	<u>Part-A Teaching (PC-1086) (Controlling Officer: Dean, College of Agriculture)</u>	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,20,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	3,20,00,000

**(Note:-Expenditure will be incurred on receipt of funds from the State Government.)**

**RESEARCH & EDUCATION SCHEME NO. 132 (Old RDF-3) (PC-3043)**

<b>Name of the Scheme</b>		<b>Tissue Culture Propagated Nursery School of Agricultural Biotechnology.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.8,50,300/-</b>
<b>Year of Start</b>		2010-11
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana/ Director, SOAB, PAU.
<b>Source of Funding</b>		100% State Scheme
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b><u>(Controlling Officer: DR)</u></b>		
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	<b>One Clerk/ Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively <b>Vacant</b>	
	<b>One Mali</b> in Rs. 4900-10680+ GP 1650/ <b>Farm Worker</b> in Rs. 5910-20200+ GP 1900 <b>Vacant</b>	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	5,00,300
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>8,50,300</b>

**ICAR SCHEME NO. 1 (PC 2001.1 & 2001.2)**

**PART-A**

<b>Name of the Scheme</b>	<b>Development and Strengthening of Agricultural Universities</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 8,50,00,000/-</b>
<b>Year of Start</b>	-
<b>Duration of Project</b>	-
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	-
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A (PC-2001.1 )</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	On items to be approved by ICAR	8,50,00,000
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	-
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>8,50,00,000</b>

**Note**     Expenditure is to be incurred on receipt of sanction from the ICAR.

**ICAR SCHEME NO. 1 (PC 2001.1 & 2001.2)**

**PART-B**

<b>Name of the Scheme</b>	<b>Rural Entrepreneurship Awareness Development Yojna (Student Ready)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 35,00,000/-</b>
<b>Year of Start</b>	-
<b>Duration of Project</b>	-
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	-
<b>Source of Funding</b>	75% ICAR / 25% STATE
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B (2001.2)</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	-
● <b>Pay of Establishment</b>	-

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	On items to be approved by ICAR	35,00,000
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	-
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>35,00,000</b>

**Note**      **Expenditure is to be incurred on receipt of sanction from the ICAR**



**ICAR SCHEME NO. 2 (PC 2002)**

<b>Name of the Scheme</b>	<b>All India Coordinated Wheat Improvement Project.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,20,91,000/-</b>
<b>Year of Start</b>	1970-71
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% ICAR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Agronomist (Wheat)</b> in Rs.15600-39100 + AGP 6000/7000/8000
	<b>One Analyst (Wheat)</b> in Rs.15600-39100+AGP-6000/7000/8000
	<b>One Principal Wheat Breeder</b> in Rs.37400-67000+AGP-10000 (PP for Dr. Achla Sharma)
	<b>One Sr. Entomologist (Wheat)</b> in Rs.37400-67000+AGP-9000 (PP for Dr. Beant Singh)
	<b>One Barley Breeder</b> in Rs.15600-39100+AGP-6000/7000/8000
	<b>One Plant Pathologist (Wheat)</b> in Rs.15600-39100+AGP-6000/7000/8000
<b>● Pay of Establishment</b>	
	<b>Five Agril. Sub Inspector (Tech G-III Field)</b> in Rs.10300-34800+GP-3200/4200

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,12,51,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	7,20,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,20,91,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer.

**ICAR SCHEME NO.3 (PC 2003)**

<b>Name of the Scheme</b>	<b>All India Coordinated Pearl Millets Improvement Project</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 42,40,000/-</b>
<b>Year of Start</b>	1.10.1979
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Senior Millets Breeder</b> in Rs.37400-67000+ AGP 9000
<b>• Pay of Establishment</b>	
	<b>One Technical Assistant (Tech G-II Field)</b> in Rs.10300-34800 + GP-3800
	<b>One Jr. Lab Assistants (Tech G-III Lab)</b> in Rs. 10300-34800 + GP 3200

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>41,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	1,20,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>42,40,000</b>

**Note**     Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 4 (PC 2004)**

<b>Name of the Scheme</b>	<b>All India Coordinated Maize Improvement Project</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 3,04,40,000/-</b>
<b>Year of Start</b>	April 1967
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Principal Maize Breeder</b> in Rs.37400-67000+AGP-10000/12000
	<b>One Principal Agronomist (Maize)</b> in Rs.37400-67000 + AGP-10000/12000 (PP for Dr Mahesh Kumar)
	<b>One Principal Entomologist (Maize)</b> in Rs.37400-67000+AGP-10000 (PP for Dr.Jawala Jindal)
	<b>One Principal Pathologist (Maize)</b> in Rs. 37400-67000+AGP-10000/12000 (PP for Dr. Harleen Kaur)
	<b>Two Maize Breeder</b> in Rs.15600-39100+AGP-6000/7000/8000
<b>● Pay of Establishment</b>	
	<b>Five Sr. Tech. Assistants (Tech G-II Field)</b> in Rs.10300-34800+GP-3800
	<b>Four Agril. Sub Inspectors (Tech. G-III Field)</b> in Rs.10300-34800+GP-3200/4200 (20%)
	<b>One Clerk/Jr. Assistant</b> in Rs.10300-34800 + GP 3200/3600 (50:50) + S.A. 240/300/ respectively ( <b>Vacant</b> )
	<b>One Plant Observer (Tech. G-III Field)</b> in Rs.10300-34800+GP-3200
	<b>One Tractor Driver (Tech. G.III Field)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,96,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	7,20,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,04,40,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 5 (PC 2005)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Oilseed for rapeseed mustard</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,76,79,000/-</b>
<b>Year of Start</b>	1967-68
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Principal Scientist (Oilseeds)</b> in Rs.37400-67000+AGP-10000/12000
	<b>One Principal Agronomist (Oilseed)</b> in Rs.37400-67000+AGP-10000/12000 (PP for Dr Virendar Sardana)
	<b>One Principal Plant Pathologist(Oilseed)</b> in Rs.37400-67000+AGP-10000/12000 (PP for Dr Prabhjodh Singh Sandhu)
	<b>One Principal Physiologist (Oilseed)</b> in Rs. 37400-67000 +AGP 10000/12000 (PP Dr for Pushp Sharma)
	<b>One Senior Entomologist (Oilseeds)</b> in Rs. 37400-67000+AGP-9000
	<b>One Biochemist (Oilseeds)</b> in Rs.15600-39100+AGP-6000/7000/8000
	<b>One Senior Oilseed Breeder</b> in Rs.37400-67000+AGP-9000
<b>• Pay of Establishment</b>	
	<b>Two Lab. Asstt. (G-III Lab)</b> in Rs.10300-34800+GP-3200
	<b>Two Fieldman (G-III field)</b> in Rs.10300-34800+GP-3200

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,66,99,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	8,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>2,76,79,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 6 (PC 2006.1 & 2006.2)**

<b>Name of the Scheme</b>	<b>All India Coordinated Cotton Improvement Project</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,87,58,000/-</b>
<b>Year of Start</b>	1967-68
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Bathinda & Faridkot/Director RS Bathinda/Director RS Faridkot/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

**Part-A BATHINDA CENTRE (PC-2006. 1)**

**PRIMARY UNIT**

●	<b>Pay of Officers</b>
	<b>One Principal Cotton Breeder</b> in Rs.37400-67000 + AGP 10000/12000
	<b>One Agronomist (Cotton)</b> in Rs.15600-39100+AGP-6000/7000/8000
	<b>One Entomologist (Cotton)</b> in Rs.15600-39100+AGP-6000/7000/8000
	<b>One Plant Pathologist (Cotton)</b> in Rs.15600-39100+AGP-6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>One Technical Assistants (Tech G-II Field)</b> in Rs.10300-34800 + GP-3800/4200

**BUDGET ESTIMATES 2023-24**

<b>I.</b>	<b>Total Salary of Staff</b>	<b>99,38,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	80,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	4,80,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>1,04,98,000</b>

<b><u>Part-B FARIDKOT CENTRE (PC- 2006.2)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Cotton Breeder</b> in Rs.37400-67000+AGP-10000/12000
	<b>One Principal Agronomist (Cotton)</b> in Rs. 37400- 67000+ AGP-10000 (PP for Dr Kulvir Singh)
	<b>One Plant Pathologist (Cotton)</b> in Rs.15600-39100+AGP-6000/7000/8000
	<b>One Senior Entomologist (Cotton)</b> in Rs.37400-67000+AGP-9000 (PP for Dr. Satnam Singh)
●	<b>Pay of Establishment</b>
	<b>Three Technical Assistant (Tech G-II Field)</b> in Rs.10300-34800+ GP-3800

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,77,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	80,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	4,80,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>1,82,60,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO.7 (PC 2007)**

<b>Name of the Scheme</b>	<b>AICRP for the intensification of Research on the Improvement of Pulses-Chickpea</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. Rs. 1,82,60,000/-</b>
<b>Year of Start</b>	1971-72
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana /Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Principal Pulse Breeder</b> in Rs.37400-67000+AGP-10000/12000
	<b>One Principal Microbiologist (Pulses)</b> in Rs.37400-67000+AGP-10000/12000 (PP Dr Poonam Sharma)
	<b>One Principal Entomologist (Pulses)</b> in Rs.37400-67000+AGP-10000/12000 (PP for Dr Ravinder Singh)
	<b>One Principal Plant Pathologist (Pulses)</b> in Rs. 37400-67000+AGP-10000/12000 (PP for Dr. Upasana Rani)
<b>• Pay of Establishment</b>	
	<b>Three Technical Assistant (Tech G-II Field)</b> in Rs.10300-34800+GP-3800

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,77,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	80,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	4,80,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>1,82,60,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 8 (PC 2008)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on MULLARP</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,17,53,000/-</b>
<b>Year of Start</b>	2000-01
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Agronomist (Pulses)</b> in Rs.37400-67000+AGP-10000/12000 (P.P for Dr. Guriqbal Singh)
	<b>One Pulse Breeder</b> in Rs. 15600-39100+AGP-6000/7000/8000 (Level-10/11/12)
	<b>One Plant Pathologist (Pulses)</b> in Rs.15600-39100+AGP-6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>Two Technical Assistant (Tech G-II Field)</b> in Rs.10300-34800 + GP-3800

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,13,33,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>1,17,53,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer



**ICAR SCHEME NO.9 (PC 2009)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Soybean</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.91,14,000/-</b>
<b>Year of Start</b>	1970-71
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Principal Soybean Breeder</b> in Rs.37400-67000+AGP 10000/12000 (PP for Dr. B.S. Gill)
	<b>One Sr. Agronomist (Soybean)</b> in Rs.37400-67000 + AGP 9000 (PP for Dr. Harpreet Kaur)
<b>● Pay of Establishment</b>	
	<b>One Technical Assistant (Tech G-II Field)</b> in Rs.10300-34800+ GP-3800
	<b>One Fieldman (Tech G-III Field)</b> in Rs.10300-34800+GP-3200

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>88,34,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>91,14,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 10 (PC 2010)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Forage Crops</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,50,44,000/-</b>
<b>Year of Start</b>	February 1988
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Senior Forage Breeder</b> in Rs. 37400-67000+ AGP 9000
	<b>One Agronomist (Forages)</b> in Rs.15600-39100+ AGP-6000/7000/8000
	<b>One Biochemist (Forages)</b> in Rs. 15600-39100 +AGP-6000/7000/8000
	<b>One Plant Pathologist (Forages)</b> in Rs. 15600-39100 + AGP-6000/7000/8000
<b>● Pay of Establishment</b>	
	<b>Two Technical Assistant (Tech G-II Field)</b> in Rs.10300-34800 + GP-3800
	<b>Two Feildman (Tech G-IV Field)</b> in Rs.10300-34800 + GP-3200
	<b>One Lab. Attendant (Tech G-IV Lab.)</b> in Rs.5910-20200 +GP-1900/2400
	<b>One Clerk/Jr. Assistant</b> in Rs. 10300-34800+GP-3200/3600 (50:50) + SA 240/300 respectively

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,44,84,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	80,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	4,80,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>1,50,44,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 11 (PC 2011)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project Network on potential crops</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 44,94,000/-</b>
<b>Year of Start</b>	1995-96 (1.10.1995)
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Principal Plant Breeder (Potential Crops) in Rs. 37400-67000 + AGP 10000/12000 (PP for Dr. Ranjit Kaur Gill)</b>
<b>• Pay of Establishment</b>	
	<b>One Technical Assistant (Tech G-II Field) in Rs. 10300-34800 + GP 3800</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>43,54,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	1,20,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>44,94,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 12 (PC 2012)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Sunflower</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 73,80,000/-</b>
<b>Year of Start</b>	1.7.2001
<b>Duration of Project</b>	Likely to continue during 13 <sup>th</sup> Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Senior Sunflower Breeder</b> in Rs.37400-67000 + AGP-9000
	<b>One Agronomist (Sunflower)</b> in Rs.15600-39100 + AGP-6000/7000/8000
	<b>One Plant Pathologist (Sunflower)</b> in Rs.15600-39100 + AGP-6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>Two Fieldman (Tech. G.III Field)</b> in Rs. 10300-34800 + GP-3200

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>69,60,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>73,80,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 13 (PC 2013)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Sugarcane (Kapurthala Centre)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 85,80,000/-</b>
<b>Year of Start</b>	1970-71
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Kapurthala /Director, Regional Research Station/ Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Sugarcane Breeder</b> in Rs.37400-67000 + AGP-10000 (PP for Dr Gulzar Singh Sanghera)
	<b>One Plant Pathologist (Sugarcane)</b> in Rs.15600-39100 + AGP-6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>One Tech. Assistants (Tech. G-II Field)</b> in Rs.10300-34800 + GP-3800/4800
	<b>One Agril. Sub Inspector (Tech G-III Field)</b> in Rs.10300-34800 + GP-3200/4200 (20% Posts)

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>83,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>85,80,000</b>

**Note**     Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 14 (PC 2014)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Sugarcane (Gurdaspur Centre)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 79,11,000/-</b>
<b>Year of Start</b>	1998-99
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Gurdaspur/Director, Regional Station/Director of Research PAU Ludhiana
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
One Agronomist (Sugarcane) in Rs.15600-39100 + AGP- 6000/7000/8000	
One Senior Sugarcane Breeder in Rs.15600-39100 + AGP-6000/7000/8000	
<b>● Pay of Establishment</b>	
Two Tech. Assistants (Tech G-II Field) in Rs.10300-34800 + GP-3800/4800	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>76,31,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>79,11,000</b>

**Note**      **Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer**

**ICAR SCHEME NO. 15 (PC 2015)**

<b>Name of the Scheme</b>	<b>All India Coordinated Rice Improvement Project</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,28,40,000/-</b>
<b>Year of Start</b>	1968-69
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Principal Rice Breeder</b> in Rs.37400-67000 + AGP-10000/12000 (PP for Dr. Rupinder Kaur)
	<b>One Principal Entomologist (Rice)</b> in Rs.37400-67000 + AGP-10000/12000 (PP for Dr. Preetinder Singh Sarao)
	<b>One Principal Plant Pathologist (Rice)</b> in Rs.37400-67000 + AGP-10000/12000 (PP for Dr. Jagjit Singh Lore)
	<b>One Senior Agronomist</b> in Rs.37400-67000 + AGP-9000
	<b>One Scientist (Soils)</b> in Rs.15600-39100 + AGP-6000/7000/8000 ( <b>Vacant</b> )
	<b>One Rice Breeder</b> in Rs. 15600-39100 + AGP-6000/7000/8000
<b>• Pay of Establishment</b>	
	<b>Four Agril. Sub Inspector (Tech. G-III Field)</b> in Rs.10300-34800 + GP-3200/4200 (20% Posts)
	<b>One Tractor Driver (Tech. G-III Engg)</b> in Rs.10300-34800 + GP 3200 + Rs.1000/-SA

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,20,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	7,20,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>2,28,40,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer.

**ICAR SCHEME NO. 16 (PC 2016)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Pigeonpea</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 62,85,000/-</b>
<b>Year of Start</b>	1.4.2004
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Sr. Pulse Breeder</b> in Rs.37400-67000 + AGP-9000
	<b>One Principal Entomologist (Pulses)</b> in 37400-67000 + AGP- 10000/12000 (PP for Dr. Gaurav Kumar Taggar)
<b>● Pay of Establishment</b>	
	<b>One Technical Asstt. (G-II Field)</b> in Rs. 10300-34800 + GP 3800

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>60,05,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>62,85,000</b>

**Note**     Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer



**ICAR SCHEME NO.17 (PC 2017.1 & 2017.2)**

<b>Name of the Scheme</b>	<b>AICRP Quality Seed Production under seed (crops)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,73,14,000/-</b>
<b>Year of Start</b>	1983-84
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	<b>Part A:</b> Ludhiana/Director (Seeds)/Director of Research PAU <b>Part B:</b> Naraingarh/Director RS Naraingarh/ Director of Research PAU Ludhiana
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

**Part-A LUDHIANA (PC-2017.1)**

**PRIMARY UNIT**

●	<b>Pay of Officers</b>
	<b>One Scientist (Seed Production)</b> in Rs.15600-39100 + AGP-6000/7000/8000
	<b>One Senior Plant Breeder</b> in Rs.37400-67000 + AGP-9000 (PP for Dr. Tarvinder Pal Singh)
●	<b>Pay of Establishment</b>
	<b>Three Technical Assistant ( Tech. G-II Field)</b> in Rs.10300-34800 + GP-3800/4800
	<b>Three Field/ Lab. Asstt. (Tech. G-III Lab.)</b> in Rs.10300-34800 + GP-3200 +150

**PART B: NARAINGARH CENTRE**

	<b>One Tech. Asstt. (Tech. G.II Field)</b> in Rs. 10300-34800 + GP-3800/4200
	<b>One Field/Lab. Asstt.(Tech. G.III Field)</b> in Rs.10300-34800 + GP-3200 + 150

**BUDGET ESTIMATES 2023-24**

<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,66,44,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	2,00,000
	Wages	-
	Office Contingency	-
	Recurring Contingency (including expenditure on contractual staff) One Sr. Field/Lab Helper @ Rs. 11,585/- p.m. One Junior Field/Lab Helper @ Rs.9,908/- p.m.	4,70,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,73,14,000</b>

**ICAR SCHEME NO. 18 (PC 2018)**

<b>Name of the Scheme</b>	<b>Seed Technology Research under National Seed Project</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,19,70,000/-</b>
<b>Year of Start</b>	1978-79
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Senior Plant Breeder (ST)</b> in Rs.37400-67000 + AGP-9000
	<b>One Plant Physiologist (ST)</b> in Rs. 15600-39100 + AGP -6000/7000/8000
	<b>One Plant Breeder (ST)</b> in Rs.15600-39100 + AGP-6000/7000/8000
	<b>One Plant Pathologist (ST)</b> in Rs. 15600-39100 + AGP-6000/7000/8000
<b>● Pay of Establishment</b>	
	<b>Three Tech. Assistants (Tech. G-II Field)</b> in Rs.10300-34800 + GP-3800/4200
	<b>Three Lab. Assistants (Tech. G-III Lab )</b> in Rs.10300-34800 + GP-3200
	<b>One Jeep Driver</b> in Rs.5910-20200 + GP + 2400 + Rs.1400/- SA

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,08,55,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	2,30,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	6,65,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	2,20,000
	<b>Total</b>	<b>2,19,70,000</b>

**ICAR SCHEME NO. 19 (PC 2020)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Micronutrients and Secondary Nutrients and Pollutant elements in Soils &amp; Plants</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 68,69,000/-</b>
<b>Year of Start</b>	1970
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Soil Science/ Director of Research PAU
<b>Source of Funding</b>	75% ICAR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
●	<b>One Senior Soil Chemist</b> in Rs. 37400-67000 + AGP 9000
	<b>Two Soil Chemist</b> in Rs. 15600-39100 + AGP 6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>One Research Fellow</b> @ Rs. 49000/- p.m. fixed +16% HRA for M.Sc. and Rs. 54000/- p.m. fixed + 16% HRA for Ph.D.
	<b>Two SRF</b> @ Rs. 31000/- HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and Rs.35000/- for 3 <sup>rd</sup> year respectively
	<b>One Lab. Attendant (G.IV Lab)</b> in Rs. 5910-20200 + GP-1900/ 5910-20200 + GP-2400
	<b>One Junior Field Helper</b> @ Rs.9,908/- p.m. fixed
	<b>Two Junior Lab Helper</b> @ Rs.9,908/- - p.m. fixed

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>64,49,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>68,69,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 20 (PC 2021)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Long Term Fertilizer Experiments</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 60,33,000/-</b>
<b>Year of Start</b>	1971
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Soil Science/ Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Sr. Soil Scientist</b> in Rs.37400-67000 + AGP-9000
	<b>One Sr. Soil Chemist</b> in Rs.37400-67000 + AGP- 9000 (PP for Dr. G.S. Dheri)
●	<b>Pay of Establishment</b>
	<b>One Research Fellow</b> @ Rs.49000/-p.m. fixed + HRA for M.Sc. and Rs.54000/- p.m. fixed + HRA for Ph.D
	<b>One Lab. Attendant (G-IV)</b> in Rs.5910-20200 + GP 1900/5910-20200 + GP 2400

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>57,53,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>60,33,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 21 (PC 2022)**

<b>Name of the Scheme</b>	<b>Coordinated scheme for investigation on correlation of soil test with crop responses and self-employed rural soil health care workers programme</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,07,03,000/-</b>
<b>Year of Start</b>	1970-71
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Soil Science/ Director of Research PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Soil Chemist</b> in Rs.15600-39100 + 6000/7000/8000
	<b>Two Sr. Soil Chemist</b> in Rs.37400-67000 + 9000 (One PP for Dr. M.S. Mavi)
●	<b>Pay of Establishment</b>
	<b>Three Agril. Sub Inspector (Tech G-III field)</b> in Rs.10300-34800 + GP-3200/4200 (20% Posts)
	<b>One Clerk/Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/10300-34800+ GP 3600 (50:50) + SA 240/300 respectively
	<b>One Lab. Attendant ( Tech G-IV Lab)</b> in Rs.59140-20200+GP-1900/5910-20200 + GP-2400

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,02,83,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>1,07,03,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 22 (PC 2027)**

Name of the Scheme		All India Coord. Res. Project on Dryland Agriculture
Budget Estimates 2023-24		Rs.1,84,01,000/-
Year of Start		1971
Duration of Project		Likely to continue during 13th Plan
Headquarter/ Drawing & Disbursing Officer		Ballowal Saunkhri/Director Regional Station/Director of Research PAU Ludhiana
Source of Funding		75% IC AR / 25% STATE
Income, if any		-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	One Principal Scientist in Rs. 37400-67000+AGP-10000/12000	
	Two Sr. Agronomist in Rs.15600-39100+AGP-6000/7000/8000	
	One Sr. Soil Scientist in Rs.15600-39100+AGP-6000/7000/8000	
	One Sr. Scientist (Soil & Water Conservation Engg.) in Rs.15600-39100 + AGP-6000/7000/8000	
●	Pay of Establishment	
	Four Sr. Technical Assistants (Tech G-II Field) in Rs.10300-34800+GP-3800	
	One Tractor Driver (Tech G-III Engg.) in Rs.10300-34800 + GP-3200 + Rs.1000/-SA	
	One Jeep Driver in Rs. 5910-20200+GP-2000+Rs.1400/-SA	
	Three Fieldman (Tech G-III Field) in Rs.10300-34800+GP-3200	
	One Sr. Assistant in Rs.10300-34800+GP-4400 + Rs. 480/- SA	
	One Lab. Attendant (Tech G-IV Lab) in Rs 5910-20200.+GP-1900/2400	
	One Messenger in Rs.4900-10680+GP-1650 + 240 SA	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	1,77,01,000
II.	Revenue Expenditure	
	Travelling Allowance	1,00,000
	Wages	-
	Office Contingency	-
	Recurring Contingency Operational expenses One post of Young Professional-1 @ Rs.25000/- p.m. fixed One Field Assistant @ Rs.9000/- p.m. fixed	6,00,000
	Travel Grant for faculty	-
III.	Capital Expenditure	-
	Non Recurring Contingency	
	Total	1,84,01,000

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 23 (PC 2029)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Arid fruits (Dates) – Abohar Centre</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 53,23,000/-</b>
<b>Year of Start</b>	April 1980
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Abohar /Director Regional Fruit Research Station/ Director of Research PAU Ludhiana
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Scientist (Horticulture)</b> in Rs.15600-39100+AGP-6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>One Lab. Attendant (Tech G-IV Lab)</b> in Rs.5910-20200+GP-1900/5910-20200 + GP-2400
	<b>Three Beldar</b> in Rs.4910-10680+GP-1650/Farm Worker in Rs.5910-20200+GP-1900/2050

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>51,83,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	1,20,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>53,23,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 24 (PC 2266)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on fruits (Ludhiana &amp; Abohar Centre)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,33,18,000/-</b>
<b>Year of Start</b>	1971
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Fruit Science/ Abohar/ Director of Research PAU Ludhiana
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b><u>Part-A (Ludhiana Centre)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Horticulturist</b> in Rs. 37400-67000 + AGP 10000/12000 (PP for Dr H.S. Rattanpal)
	<b>One Principal Entomologist (Fruits)</b> in Rs.37400-67000 + AGP- 10000 (PP for Dr. Sandeep Singh)
	<b>One Sr. Plant Pathologist (Fruits)</b> in Rs. 37400-67000 + AGP- 9000 (PP for Dr. Anita Arora)
●	<b>Pay of Establishment</b>
	<b>Three Field Man (Tech G-III Field)</b> in Rs. 10300-34800 + GP 3200 ( <b>Two Vacant</b> )
	<b>One Lab Attendant (Tech G-IV Lab)</b> in Rs.5910-20200+GP-1900/5910-20200 + GP-2400
	<b>Three Beldar/Mali</b> in Rs.4910-10680+GP-1650/Farm Worker in Rs.5910-20200 + GP-1900

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,60,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>1,64,20,000</b>

**Continued**



<b>Part-B (Abohar Centre)</b>	
<b>Statement of Cost for the year 2023-24</b>	
<b>Part-B (Abohar Centre)</b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Two Scientist (Horticulture)</b> in Rs. 15600-39100 + AGP 6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>One Steno-Typist</b> in Rs.10300-34800 + GP 3200 ( Vacant)
	<b>One Budder (T-III)</b> in Rs.10300-34800 + GP 3200
	<b>One Lab Attendant (Tech G-IV Lab)</b> in Rs.5910-20200+GP-1900/5910-20200 + GP-2400
	<b>One Beldar/Mali</b> in Rs.4910-10680+GP-1650/Farm Worker in Rs.5910-20200 + GP-1900
	<b>One Chowkidar</b> in Rs.4910-10680+GP-1650 (Vacant)

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>66,18,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>68,98,000</b>

**Note** Incurring of expenditure subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO.25 (PC 2033)**

<b>Name of the Scheme</b>	<b>All India Coordinated Floriculture Improvement Project</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,10,49,000/-</b>
<b>Year of Start</b>	1975-76
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Floriculture & Landscaping/Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Scientist (Floriculture &amp; Landscaping)</b> in Rs.37400-67000 +AGP-10000 (PP for Dr. (Mrs.) Kiranjit Kaur Dhatt)
	<b>One Plant Physiologist</b> in Rs. 15600-39100+AGP-6000/7000/8000
	<b>One Plant Pathologist</b> in Rs. 15600-39100+AGP-6000/7000/8000
	<b>Two Scientist (Floriculture &amp; Landscaping)</b> in Rs.15600-39100 + AGP-6000/7000/8000
●	<b>Pay of Establishment</b>
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,03,49,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	6,00,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>1,10,49,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 26 (PC 2034)**

<b>Name of the Scheme</b>	<b>All India Coordinated Vegetable Improvement Project and NSP</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,63,40,000/-</b>
<b>Year of Start</b>	1970-71
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Vegetable Science/ Director (Seeds)/Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Biochemist (Vegetable)</b> in Rs.37400-67000+AGP-10000 (PP for Dr Neena Chawla)
	<b>One Principal Scientist (Veg. Seed)</b> in Rs.37400-67000 + AGP-10000 (PP for Dr Deepak Arora)
	<b>One Principal Virologist</b> in Rs. 37400-67000+AGP-10000 (PP for Dr. Abhishek Sharma)
	<b>One Principal Vegetable Breeder</b> in Rs.37400-67000 +AGP- 10000 (PP for Dr. Satpal Sharma)
	<b>One Entomologist (Veg)</b> in Rs.15600-39100+AGP-6000/7000/8000GP
	<b>One Sr. Nematologist (Veg)</b> in Rs. 37400-67000 + AGP-9000 (PP for Dr Sukhjeet Kaur)
●	<b>Pay of Establishment</b>
	<b>Three Technical Asstt. (Tech G-II Field)</b> in Rs.10300-34800+GP-3800
	<b>Two Lab. Attendants (Tech G-IV Lab)</b> in Rs.5910-20200+GP-1900/2400
	<b>Two Fieldman (Tech. G-III Field)</b> in Rs.10300-34800+GP 3200
	<b>One Plant Observers (Tech G-III Field)</b> in Rs.10300-34800+GP-3200
	<b>One Jeep Driver</b> in Rs.5910-20200 + GP 2400 + Rs.1400 SA
<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b> <span style="float:right"><b>2,55,00,000</b></span>
<b>II.</b>	<b>Revenue Expenditure</b>
	Travelling Allowance <span style="float:right">1,20,000</span>
	Wages <span style="float:right">-</span>
	Office Contingency <span style="float:right">-</span>
	Recurring Contingency <span style="float:right">7,20,000</span>
	Travel Grant for faculty <span style="float:right">-</span>
<b>III.</b>	<b>Capital Expenditure</b> <span style="float:right">-</span>
	Non Recurring Contingency
	<b>Total</b> <span style="float:right"><b>2,63,40,000</b></span>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 27 (PC 2035)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Programme on weed management</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 64,92,000/-</b>
<b>Year of Start</b>	1.4.1984
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Agronomy/ Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
<b>One Principal Agronomist</b> in Rs.37400-67000+AGP-10000 (PP for Dr M.S. Bhullar)	
<b>One Chemist (Residue)</b> in Rs.15600-39100 + AGP 6000/7000/8000	
<b>• Pay of Establishment</b>	
<b>One Technical Assistant</b> in Rs.5200-20400 +GP-2400 (Level-6)	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>62,12,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Operational expenses (Contractual staff salary) One Research Fellow @ Rs.25,000/- p.m. fixed	
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>64,92,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 28 (PC 2036)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project – Integrated Farming System Approach</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,71,87,000/-</b>
<b>Year of Start</b>	1967-68
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director, School of Organic Farming/Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Principal Agronomist</b> in Rs.37400-67000+AGP-10000
	<b>One Principal Agronomist</b> in Rs.37400-67000+AGP-10000 (PP for Dr. S.S. Walia)
	<b>One Soil Chemist</b> in Rs.15600-39100+AGP-6000/7000/8000
	<b>One Agronomist</b> in Rs.15600-39100+AGP-6000/7000/8000
<b>● Pay of Establishment</b>	
	<b>One Tech Assistant</b> in Rs.5200-20200 + GP 2800
	<b>One Car/Jeep Driver</b> in Rs.5910-20200+GP-2400 + Rs.1400/- S.A./Driver in Rs.5200-20200 + GP 2400 + Rs.1400 SA
	<b>Two Research Fellow</b> @ Rs.31000/- p.m. HRA 16% fixed for 1 <sup>st</sup> & 2 <sup>nd</sup> Year Rs.35000/- pm fixed for 3 <sup>rd</sup> Year +HRA 16%
	<b>Four Field Assistant</b> Rs. 5200-20200 + GP 2000
	<b>Two Contractual Staff Young Professional</b> Rs. 15000/- p.m. fixed
	<b>Two Supporting Staff</b> Rs.10000/- p.m. fixed ( <b>Vacant</b> )
	<b>Two Jr. Steno/LDC</b> Rs. 12000/- p.m. ( <b>One Vacant</b> )

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,66,27,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	80,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	4,80,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,71,87,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 29 (PC 2038)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Agro Meteorology</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,48,91,000/-</b>
<b>Year of Start</b>	1983-84
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Climate Change & Agril Meteorology/Director of Research PAU
<b>Source of Funding</b>	75% ICAR& 25% State
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Scientist/Sr. Agrometeorologist</b> in Rs.37400 + 67000 + AGP-10000 (PP for Dr. Prabjyot Kaur)
	<b>One Principal Agronomist</b> in Rs.37400 + 67000 + AGP-10000 (PP for Dr. Sandeep Singh Sandhu)
●	<b>Pay of Establishment</b>
	<b>One Met. Observer (Tech. G.II Field)</b> in Rs.10300-34800 + GP-3800
	<b>One Fieldman (Tech G-III Field)</b> in Rs.10300-34800+GP-3200

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,46,11,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>1,48,91,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 30 (PC 2040)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Agro Forestry</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,02,33,000/-</b>
<b>Year of Start</b>	1.10.1983
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Forestry & NR/Director of Research PAU
<b>Source of Funding</b>	75% ICAR& 25% State
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

**Controlling Officer: Dean, PGS**

**PRIMARY UNIT**

●	<b>Pay of Officers</b>
	<b>One Principal Scientist (Agroforestry)</b> in Rs.37400-67000+AGP-10000/12000 (PP for Dr R.I.S. Gill)
	<b>One Principal Agronomist</b> in Rs.37400-67000+AGP-9000 (PP for Dr. Navneet Kaur)
●	<b>Pay of Establishment</b>
	<b>One Tech. Assistant (Tech G-II Field)</b> in Rs.10300-34800+GP-4800
	<b>One Beldar</b> in Rs.4910-10680+GP-1650/Farm Worker in Rs. 5910-20200+GP-1900

**BUDGET ESTIMATES 2023-24**

<b>I.</b>	<b>Total Salary of Staff</b>	<b>99,53,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency Two post of field staff @ Rs.10,000/- p.m. fixed	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>1,02,33,000</b>

**Note**      **Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer**

**ICAR SCHEME NO. 31 (PC 2041)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on biological control of crop pests</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.80,80,000/-</b>
<b>Year of Start</b>	1976-77
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Entomology/ Director of Research PAU
<b>Source of Funding</b>	75% ICAR& 25% State
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Principal Microbiologist</b> in Rs.37400-67000+AGP-10000 (PP for Dr (Mrs) Neelam Joshi)
	<b>One Principal Entomologist</b> in Rs. 37400-67000+AGP-10000 (PP for Dr. Parminder Singh Shera)
<b>● Pay of Establishment</b>	
	<b>One Lab. Attendant (Tech G-IV Lab)</b> in Rs.5910-20200+GP-1900/5910-20200 +GP-2400

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>78,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency Two post of Jr. Lab/Field Helper (unskilled category) @ Rs.9,908/- p.m. fixed	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>80,80,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer



**ICAR SCHEME NO. 32 (PC 2042)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Honey Bees &amp; Pollinators</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 71,55,000/-</b>
<b>Year of Start</b>	1980-81
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Entomology/ Director of Research PAU
<b>Source of Funding</b>	75% ICAR& 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Entomologist</b> in Rs. Rs.37400-67000+AGP-10000 (PP for Dr Jaspal Singh)
	<b>One Entomologist</b> in Rs.15600-39100+AGP-6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>One Lab. Attendant (Tech G-IV Lab)</b> in Rs.5910-20200+GP-1900/5910-20200 + GP-2400
	<b>One Bee Keeper</b> in Rs. 5910-20200+GP-1900

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>68,75,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency (including contingency cost of One Bee Professional @ Rs.16000/- p.m. fixed One Skilled Labour @ Rs.10,000/- p.m. fixed	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>71,55,000</b>

**Note**    **Incurring of expenditure and provision of posts subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer**

**ICAR SCHEME NO. 33 (PC 2043)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Pesticide Residues</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 93,20,000/-</b>
<b>Year of Start</b>	1984-85
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Entomology/ Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Residue Analyst</b> in Rs.37400-67000 + AGP-10000 (PP for Dr. Smriti Sharma)
	<b>Two Scientist (Residue Analysis)</b> in Rs.15600-39100+AGP-6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>Two Lab. Assistants (Tech G-III Lab)</b> in Rs.10300-34800+GP-3200

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>89,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>93,20,000</b>

**Note**    Incurring of expenditure and provision of posts subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 34 (PC 2044)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Agricultural Acarology</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 77,00,000/-</b>
<b>Year of Start</b>	1987-88
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Entomology/ Director of Research PAU
<b>Source of Funding</b>	75% ICAR& 25% State
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Principal Acarologist</b> in Rs.37400-67000+AGP-10000 (PP for Dr. Manmeet Brar Bhullar)
	<b>One Acarologist</b> in Rs.15600-39100+AGP-6000/7000/8000
<b>● Pay of Establishment</b>	
	<b>One Tech. Assistant (Tech G-II Field)</b> in Rs.10300-34800+GP-3800

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>74,20,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency One Senior Field/Lab Helper @ Rs.11,585/- p.m. fixed	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>77,00,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 35 (PC 2046)**

<b>Name of the Scheme</b>	<b>All India Coordinated Mushroom Improvement Project</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 65,75,000/-</b>
<b>Year of Start</b>	1.4.1983
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Microbiology/ Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Sr. Mycologist (Mushroom)</b> in Rs. 37400-67000+AGP-9000
	<b>One Mycologist (Mushroom)</b> in Rs. 15600-39100 + AGP 6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>One Clerk/Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/10300-34800+ GP 3600 (50:50) + SA 240/300 respectively
	<b>One Fieldman (Tech. G.III Field)</b> in Rs.10300-34800+GP-3200 ( <b>Vacant</b> )
	<b>One Lab. Technician (G.II Lab.)</b> in Rs.10300-34800+GP-3200
	<b>One Beldar</b> in Rs.4900-10680+GP-1650/Farm Worker in Rs.5910-20200+GP-1900 ( <b>Vacant</b> )

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>62,95,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>65,75,000</b>

**Note** Incurring of expenditure and provision of posts subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 36 (PC 2291)**

**PART-A RODENT CONTROL**

<b>Name of the Scheme</b>	<b>All India Network Project on Vertebrate Pest Management (Part-A Rodent Control – Part B Agril Ornithology)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,79,43,000/-</b>
<b>Year of Start</b>	20.1.1978
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Zoology/ Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A RODENT CONTROL (PC-2291)</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Principal Zoologist (Rodents)</b> in Rs. 37400-67000+AGP-10000 (PP for Dr. Neena Singla)
	<b>One Zoologist (Rodents)</b> in Rs.15600-39100+AGP-6000/7000/8000
<b>● Pay of Establishment</b>	
	<b>One Technical Assistant</b> in Rs.10300-34800+GP-3800/4800
	<b>One Agril. Sub Inspector (Tech G-III Field)</b> in Rs 10300-34800 + GP-3200/10300-34800+GP-4200(20% posts)

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>92,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>94,80,000</b>

**PART-B AGRIL. ORNITHOLOGY**

<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B AGRIL. ORNITHOLOGY (PC-2291)</u></b>	
<b>PRIMARY UNIT</b>	
<b>•</b>	<b>Pay of Officers</b>
	<b>One Principal Ornithologist</b> in Rs. 37400-67000+AGP-10000 (PP for Dr Tejdeep Kaur)
	<b>One Ornithologist</b> in Rs.15600-39100+AGP-6000/7000/8000
<b>•</b>	<b>Pay of Establishment</b>
	<b>One Technical Assistant (Tech G II Field)</b> in Rs. 10300-34800 + GP 3800/4800

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>81,83,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>84,63,000</b>

**Note**    Incurring of expenditure and provision of posts subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 37 (PC 2049.1 to 2049.5)**

**PART-A FAMILY RESOURCE MANAGEMENT**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Home Science</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,58,09,000/-</b>
<b>Year of Start</b>	1978-79
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Dept of Family Resource Mgt/Food & Nutrition/Human Development & Family Studies/Apparel & Textile Science/ Extn. Edu. Comn. Mgt./Director of Research PAU
<b>Source of Funding</b>	75% ICAR / 25% STATE
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A FAMILY RESOURCE MANAGEMENT (PC-2049.1)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Sr. Scientist (Family Resource Management) in Rs.37400-67000 +AGP-9000</b>
●	<b>Pay of Establishment</b>
	<b>One Clerk/Jr. Assistant in Rs. 10300-34800 + GP 3200/ 10300-34800+ GP 3600 (50:50) + SA 240/300 respectively (Vacant)</b>
	<b>Two Lab. Attendant (Tech G-IV Lab) in Rs. 5910-20200+GP-1900/ 5910-20200+GP-2400</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>36,68,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	12,00,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>48,88,000</b>

## **PART-B FOODS & NUTRITION**

<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B FOODS &amp; NUTRITION(PC-2049.2)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Scientist (Food &amp; Nutrition)</b> in Rs. 15600-39100 + AGP 6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>One Lab. Attendant (Tech G-IV Lab)</b> in Rs. 5910-20200+GP-1900/5910-20200+GP-2400
	<b>One Lab Asstt (Tech G III Lab)</b> in Rs. 10300-34800 + GP 3200

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>57,21,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	6,00,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>63,41,000</b>



**PART-C- HUMAN DEVELOPMENT & FAMILY STUDIES**

<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part- C- HUMAN DEVELOPMENT &amp; FAMILY STUDIES (PC-2049.3)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Sr. Scientist (Human Development &amp; Family Studies) in Rs.37400-67000 + AGP 9000</b>
●	<b>Pay of Establishment</b>
	<b>One Lab. Attendant (Tech G-IV Lab) in Rs.5910-20200+GP-1900/2400</b>
	<b>One Lab Asstt. (Tech G III Lab) in Rs. 10300-34800 + GP 3200</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>40,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	12,00,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>52,20,000</b>

**PART-D APPAREL & TEXTILE SCIENCE**

<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part- D APPAREL &amp; TEXTILE SCIENCE (PC-2049.4)</u></b>	
<b>PRIMARY UNIT</b>	
<b>•</b>	<b>Pay of Officers</b>
	<b>One Sr. Scientist (Apparel and Textile Science)</b> in Rs. 37400-67000 +AGP- 9000 (PP for Dr. (Mrs.) Sumeet Grewal)
<b>•</b>	<b>Pay of Establishment</b>
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>30,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	12,00,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>42,20,000</b>

**PART-E EXTENSION EDUCATION & COMM. MGT.**

<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part- E EXTENSION EDUCATION &amp; COMM. MGT. (PC-2049.5)</u></b>	
<b>PRIMARY UNIT</b>	
<b>•</b>	<b>Pay of Officers</b>
	<b>One Principal Scientist (Extension education)</b> in Rs.37400-67000+AGP-10000
<b>•</b>	<b>Pay of Establishment</b>
	<b>One Driver</b> in Rs.5910-20200 + GP-2400

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>41,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	10,20,000
	Two Young Professional-II (YP-II) @ Rs.35,000/- p.m.	
	One Multi Tasking Assistant @ Rs.14,000/- p.m.	
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>51,40,000</b>

**Note**     **Incurring of expenditure beyond the sanctioned provision is subject to the receipt of revised financial sanction from ICAR which is to be obtained by the Controlling Officer**

**ICAR SCHEME NO. 38 (PC 2050)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Ergonomics &amp; Safety in Agriculture</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,22,22,000/-</b>
<b>Year of Start</b>	1.9.1995
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Farm Machinery & Power Engineering/Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Senior Scientist (FM&amp;PE)</b> in Rs.37400-67000+AGP-9000
	<b>One Asstt. Prof.(Physiology)/Ergonomics</b> in Rs.15600-39100+ AGP-6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>One Sr. Mechanic (Instrumentation) (Tech. G.II Engg.)</b> in Rs.10300-34800+GP-3800
	<b>Two Mechanic (Tech. G.III Engg.)</b> in Rs.10300-34800+GP-3200
	<b>One Clerk/Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/ 10300-34800+ GP 3600 (50:50) + SA 240/300 respectively. <b>(Vacant)</b>
	<b>One Beldar</b> in Rs.4900-10680+GP-1650/Farm Workers in Rs.5910-20200+GP-1900 <b>(Vacant) To be kept held in abeyance w.e.f. 1.4.2018</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,19,42,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,22,22,000</b>

**Note** Incurring of expenditure and provision of posts subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 39 (PC 2051)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Research and Development of Farm Implements &amp; Machinery ... actual field conditions</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 3,90,41,000/-</b>
<b>Year of Start</b>	1962
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Farm Machinery & Power Engineering/Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>Two Principal Scientist (FMPE)</b> in Rs.37400-67000+ AGP-10000/12000 (One PP for Dr Anoop Kumar Dixit)
	<b>One Scientist (FMPE)</b> in Rs.15600-39100 + AGP- 6000/7000/8000
	<b>One Senior Scientist (FMPE)</b> in Rs. 37400-67000+AGP-9000
●	<b>Pay of Establishment</b>
	<b>One Sr. Tech. Asstt. (Tech. G.II Engg.)</b> in Rs.10300-34800 +GP-3800
	<b>Two Sr. Technician (Tech. G.II Engg.)</b> in Rs.10300-34800+GP-3800
	<b>One Technician (Farm Machinery/Sr. Technician (G-II Engg))</b> in Rs. 10300-34800+GP-3800
	<b>One Sr. Asstt.</b> in Rs.10300-34800+GP-4400+ Rs.480/- S.A.
	<b>One Store Keeper (Tech. G.III Store)</b> in Rs.10300-34800+GP-3200
	<b>One Draftsman</b> in Rs.10300-34800+GP-3800 ( <b>Vacant</b> )
	<b>One Farm Mechanic (Tech. G.II Engg.)</b> in Rs.10300-34800 + GP-3800
	<b>One Mechanic (Agril. Engg.) (Tech. G.III Engg.)</b> in Rs.10300-34800 +GP-3200
	<b>One Fitter. (Tech. G.III Engg.)</b> in Rs.10300-34800+GP-3200 ( <b>Vacant</b> )
	<b>Five Technicians (Tech. G.III. Engg.)</b> in Rs.10300-34800+GP-3200 (One Vacant)
	<b>One Carpenter (Tech. G.III Engg.)</b> in Rs.10300-34800+GP-3200
	<b>One Welder (Tech. G.III Engg.)</b> in Rs.10300-34800+GP-3200
	<b>Three Mechanics (Tech. G.III. Engg.)</b> in Rs.10300-34800+GP-3200
	<b>One TMO (Tech G-II)</b> in Rs. 10300-34800 + 3800 GP
	<b>One Jeep Driver</b> in Rs.5910-20200+GP-2400 + Rs.1400/ S.A.

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>3,84,81,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	80,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	4,80,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,90,41,000</b>

**Note** Incurring of expenditure and provision of posts subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 40 (PC 2053)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on application of Plastic in Agriculture</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,07,80,000/-</b>
<b>Year of Start</b>	1988-89
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Soil & Water Engineering /Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Scientist (Plasticulture)</b> in Rs.37400-67000+ AGP-10000/12000 (PP for Dr. Rakesh Sharda)
	<b>One Sr. Agronomist</b> in Rs.37400-67000 + AGP-9000 (PP for Dr Angrej Singh)
●	<b>Pay of Establishment</b>
	<b>One Mechanic (G-III Engg.)</b> in Rs.10300-34800 + GP- 3200

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,05,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency One Research fellow @ Rs.54,000/-p.m.+16% HRA for Ph. D and Rs.49,000/- p.m.+16% HRA for M. Tech One Sr. Research fellow @ Rs.31,000/- p.m.+ 16% HRA	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,07,80,000</b>

**Note**     **Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer**

**ICAR SCHEME NO. 41 (PC 2287)**

**PART-A LUDHIANA CENTRE**

<b>Name of the Scheme</b>	<b>AICRP on Irrigation Water management (AICRP on IWM) Ludhiana Part-A and Bathinda Part-B</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,50,40,000/-</b>
<b>Year of Start</b>	1970-71
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Soil & Water Engineering /Director, Regional Station Bathinda/Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A LUDHIANA CENTRE (PC-2287)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Scientist (Soil &amp; Water Engg.)</b> in Rs.37400-67000+AGP-10000/12000
	<b>One Scientist (Soil &amp; Water Engg.)</b> in Rs. 15600-39100+AGP-6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>One Jr. Steno</b> in Rs.5910-20200+GP-1900/2400 ( <b>Vacant</b> )
	<b>One Lab Assistant</b> in Rs. 5910-20200+GP-1900/2400
	<b>One Field Assistant</b> in Rs. 5910-20200+GP-2400
	<b>One Laboratory Attendant</b> Rs.5910-20200 + GP- 1900/2400

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,09,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,11,80,000</b>



**PART-B BATHINDA CENTRE**

<b>Name of the Scheme</b>	<b>AICRP on Irrigation Water management (AICRP on IWM) Ludhiana Part-A and Bathinda Part-B</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,38,60,000/-</b>
<b>Year of Start</b>	1970-71
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Soil & Water Engineering /Director, Regional Station Bathinda/Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B BATHINDA CENTRE (PC-2287)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Senior Scientist (Agril. Engg)</b> in Rs.15600-39100+AGP-8000/37400-67000+AGP-9000
	<b>One Principal Soil Physicist</b> Rs.37400-67000+AGP-10000/12000 (PP for Dr K.S. Sekhon)
	<b>One Sr. Agronomist</b> in Rs.37400-67000 + AGP-9000 (PP for Dr Anureet Kaur Dhaliwal)
●	<b>Pay of Establishment</b>
	<b>One Jr. Steno</b> in Rs.5910-20200+GP-1900/2400 (Vacant)
	<b>One Lab Attendant(Tech-GIV-Lab)</b> in Rs.5910-20200+GP-1900/2400
	<b>Two Fieldman (Tech. G.III Field)</b> in Rs.10300-34800+GP-3200/3600

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,34,40,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,38,60,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 42 (PC 2055.1 to 2055.4)**

**PART-A SOLAR ENERGY**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Renewable Energy Sources for Agricultural &amp; Agro based Industries</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,26,97,000/-</b>
<b>Year of Start</b>	1988-89
<b>Duration of Project</b>	Likely to continue during 13 <sup>th</sup> Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Renewable Energy Engineering/Director of Research/DEE PAU
<b>Source of Funding</b>	75% IC AR / 25% STATE
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A SOLAR ENERGY(PC-2055.1)</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Scientist (REE)</b> in Rs.37400-67000 +AGP-10000 (PP for Dr.Sukhmeet Singh)
●	<b>Pay of Establishment</b>
	<b>One Jr Lab Assistant (Tech G-III Lab)</b> in Rs. 10300-34800 +GP 3200 <b>(One Vacant)</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>47,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	1,20,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>48,40,000</b>

**PART-B BIOCHEMICAL CONVERSION TECHNOLOGY**

<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-B BIOCHEMICAL CONVERSION TECHNOLOGY (PC-2055.2)</u></b>	
<b>PRIMARY UNIT</b>	
<b>•</b>	<b>Pay of Officers</b>
	<b>One Principal Scientist (REE)</b> in Rs.37400-67000 +AGP-10000 (PP for Dr (Mrs) Urmila Gupta)
	<b>One Senior Scientist (REE)</b> in Rs. 37400-67000 + AGP-9000
<b>•</b>	<b>Pay of Establishment</b>
	<b>One Jr. Lab Assistant (Tech G-III Lab)</b> in Rs. 10300-34800 +GP 3200 <b>(Vacant)</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>80,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	2,40,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>82,80,000</b>

## **PART-C OPERATIONAL RESEARCH PROJECT**

<u><b>Statement of Cost for the year 2023-24</b></u>	
<u><b>Part-C OPERATIONAL RESEARCH PROJECT (PC-2055.3)</b></u>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Principal Scientist (REE)</b> in Rs. 37400-67000 +AGP-10000
	<b>One Principal Scientist (REE)</b> in Rs. 37400-67000 +AGP-10000 (PP for Dr. Shashi Kumar Singh)
	<b>One Sr. Scientist</b> in Rs.37400-67000 + AGP 9000
●	<b>Pay of Establishment</b>
	<b>One Senior Scale Stenographer</b> in Rs.10300-34800 + GP 4400 ( <b>Vacant</b> )
	<b>One Foreman (Tech G-II Engg)</b> in Rs.10300-34800+GP-3800
	<b>One Fitter (Tech. G-III Engg.)</b> in Rs.10300-34800+GP-3200
	<b>One Jr. Lab. Assistant (Tech.G-III. Lab.)</b> in Rs.10300-34800 + GP 3200
	<b>One Mechanic (G-III Engg.)</b> in Rs.10300-34800 + GP 3200
	<b>One Plumber</b> in Rs. 5910-20200+GP 1900
	<b>One Lab Technician</b> in Rs.10300-34800+3800 GP (G-II Lab)

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,75,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,79,20,000</b>

**PART-D ADDL. RESEARCH EXPENSES FOR CONTRACT SERVICE- RA/SRF**

<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-D ADDL. RESEARCH EXPENSES FOR CONTRACT SERVICE- RA/SRF(PC-2055.4)</u></b>	
<b>PRIMARY UNIT</b>	
<b>●</b>	<b>Pay of Officers</b>
	<b>One Research Associate</b> in Rs. 49000/- p.m.+ 16% HRA
	<b>Two Sr. Research Fellows</b> in Rs.31000/- p.m.+ 16% HRA for first two years & Rs.35,000/- p.m. + 16% HRA for third year ( <b>One Vacant</b> )
<b>●</b>	<b>Pay of Establishment</b>
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>16,57,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	-
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>16,57,000</b>

**Note**      **Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer**

**ICAR SCHEME NO. 43 (PC 2056)**

<b>Name of the Scheme</b>	<b>AICRP on Harvest and Post-Harvest Technology</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,54,40,000/-</b>
<b>Year of Start</b>	1972-73
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Processing & Food Engineering /Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Scientist (Food Microbiology)</b> in Rs. 15600-39100 +AGP- 6000/7000/8000 <b>Vacant</b>
	<b>One Principal Scientist (Processing &amp; Food Engg.)</b> in Rs.37400-67000 + AGP-10000/12000 (PP for Dr. M. S. Alam)
	<b>One Sr. Biochemist</b> in Rs.37400-67000 + AGP-9000 (PP for Dr. Surekha Bhatia)
	<b>One Entomologist (Processing &amp; Food Engg)</b> in Rs.15600-39100 + AGP-6000/7000/8000
	<b>One Senior Scientist ( Processing &amp; Food Engg.)</b> in Rs.37400-67000+AGP-9000 (PP for Dr Sandhya)
	<b>One Scientist ( Processing &amp; Food Engg.)</b> in Rs 15600-39100+AGP 6000/7000/8000
<b>• Pay of Establishment</b>	
	<b>One Sr. Technical Asstt (Tech G.II Engg)</b> in Rs.10300-34800+GP-3800
	<b>One Agril. Sub Inspector (Tech G.III Field)</b> in Rs.10300-34800 + GP-3200/10300-34800+ GP-4200 (20%)
	<b>One Mechanic(G-II Engg)</b> in Rs. 10300-34800+GP-3800
	<b>One Clerk/Jr. Assistant</b> in Rs. 10300-34800+ GP 3200/10300-34800+ GP 3600 (50:50) + SA 240/300 respectively. <b>(Vacant)</b>
	<b>One Technical Assistant</b> in Rs. 5200-20200+ GP-2800
	<b>One Fitter (Tech. G.III Engg.)</b> in Rs.10300-34800+GP-3200
	<b>One Junior Lab. Assistant (Tech G.III Lab)</b> in Rs.10300-34800+GP-3200+150
	<b>One Tinsmith (Tech. G.III Engg.)</b> in Rs.10300-34800+GP-3200
	<b>One Welder (Tech. G.III Engg.)</b> in Rs.10300-34800+GP-3200
	<b>One Technical Assistant</b> in Rs. 5200-20200+ GP-2800 <b>(Vacant)</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,46,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,20,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	7,20,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>2,54,40,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 44 (PC 2344)**

<b>Name of the Scheme</b>	<b>All India Coordinated Research Project on Sorghum</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 99,01,000/-</b>
<b>Year of Start</b>	1.4.2015
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Plant Breeding and Genetics/Director of Research PAU
<b>Source of Funding</b>	75% ICAR & 25% State
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Sr. Forage Breeder</b> in Rs. 37400-67000 + AGP-9000 (PP for Dr Devinder Pal Singh)
	<b>One Sr. Entomologist (Forage)</b> in Rs. 37400-67000 + AGP-9000 (PP for Dr Harpreet Kaur Cheema)
	<b>One Nutritionist (Forage)</b> in Rs. 15600-39100 + AGP 6000/7000/8000
<b>● Pay of Establishment</b>	
	<b>Three Technical Assistant</b> in Rs. 5200-20200 + GP 2000

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>94,81,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	3,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>99,01,000</b>

**Note**     Incurring of expenditure and provision of posts is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer



**ICAR SCHEME NO. 45 (PC 2642)**

<b>Name of the Scheme</b>	<b>Marker assisting stacking of yellow mosaic disease resistance null Kunitz Trypsin inhibitor, null lipoxygenase-2 genes, and broadening the genetic base of Soybean</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 7,50,750/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Three years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Plant Breeding & Genetics /Director of Research PAU
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	-
●	<b>Pay of Establishment</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	One Young Professional-II (YP-II) @ Rs.35,000/- p.m. fixed	4,20,000
	One Junior Field /Lab. Helper @ Rs.9,908/- + ESI Charges + EPF Charges (Semi Skilled/Unskilled Labour)	1,75,000
	Travelling Allowance	-
	Recurring Contingency	-
	Consumables (Chemicals, Glassware, Raw Material, Pots etc.)	1,00,000
	Misc.Urgent Purchase	20,000
	Institutional Charges for CAU	21,450
	Emergent Charges for DR office	14,300
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>7,50,750</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of funds from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 46 (PC 2665)**

<b>Name of the Scheme</b>	<b>Identification and Characterization of fungal effectors and host factors in rice-false smut pathosystem</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.13,43,672/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Three years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Plant Breeding & Genetics /Director of Research PAU
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	-
●	<b>Pay of Establishment</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Contractual Staff One Junior Research Fellow @ Rs.31,000/- p.m. + 16% HRA	4,31,520
	Semiskilled/unskilled labour One Sr. Field/Lab Helper @ Rs.11,585/- p.m. + ESI + EPF	1,80,000
	Travelling Allowance	50,000
	Recurring Contingency Chemicals, glassware, genotyping of pathogen, raw material, pots etc.	3,00,000
	Small maintenance & repairs of lab implements	2,60,000
	Vehicle hiring for surveys, arranging & attending meetings etc.	-
	Institutional Charges for CAU	73,292
	Emergent Charges for DR office	48,860
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency Miscellaneous (small unforeseen items) not more than Rs.50,000/-	-
	<b>Total</b>	<b>13,43,672</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of funds from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 47 (PC 2667)**

<b>Name of the Scheme</b>	<b>CRP on Agro-biodiversity Lentil Project</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,00,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Five years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Plant Breeding & Genetics /Director of Research PAU
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	-
<b>● Pay of Establishment</b>	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>0</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Contractual Services	3,00,000
	Two.Jr. Field/Lab Helper @ Rs. 9,908/- p.m. fixed (ESI+EPF)	
	Travelling Allowance	0
	Contingenices- Rec. Contingenices/wages	1,00,000
	Institutional Charges for CAU	0
	Emergent Charges for DR office	0
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	0
	<b>Total</b>	<b>4,00,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of funds from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 48 (PC 2573)**

<b>Name of the Scheme</b>	<b>Identification and validation of newer approaches for the management of whitefly Bemisia tabaci (Hemiptera: Aleyrodidae)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,32,031/-</b>
<b>Year of Start</b>	2019-20
<b>Duration of Project</b>	Three years (Upto July, 2023)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Entomology /Director of Research PAU
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	-
●	<b>Pay of Establishment</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Contractual Staff <b>One SRF @ Rs.31,000/- p.m. + 16% HRA.</b>	81,200
	Unskilled/Semi Skilled Labour <b>One Junior Field Assistant @ Rs.10,688/- p.m. fixed</b>	25,020
	Travelling Allowance	10,000
	Recurring Contingency	-
	Capacity Building Attending Workshops/Seminars/Exposure, Visits in India	10,000
	Institutional Charges for CAU	3,487
	Emergent Charges for DR office	2,324
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,32,031</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of funds from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 49 (PC 2147)**

<b>Name of the Scheme</b>	<b>All India Network Research Project on Onion and Garlic</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.12,15,000/-</b>
<b>Year of Start</b>	2010-11
<b>Duration of Project</b>	Upto 31.3.2025
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Vegetable Science/ Director of Research PAU
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	-
●	<b>Pay of Establishment</b>

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Man Power Five Junior Field/Lab Helper @ Rs.9,908/- p.m. fixed	7,25,600
	Travelling Allowance	50,000
	Wages	-
	Office Contingency	-
	Research Contingency	4,39,400
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>12,15,000</b>

**Note**     **Incurring of expenditure and provision of posts is subject to receipt of funds from ICAR which is to be obtained by the Controlling Officer**

**ICAR SCHEME NO. 50 (PC 2329)**

<b>Name of the Scheme</b>	<b>Collaborative Research Project on Agro-Biodiversity on Okra</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,00,000/-</b>
<b>Year of Start</b>	2017-18
<b>Duration of Project</b>	Upto 31.3.2026
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Vegetable Science/ Director of Research PAU
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Man Power	4,35,300
	Three Junior Field/Lab Helper @ Rs.9,908/- p.m. fixed	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Research Contingency	64,700
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>5,00,000</b>

**Note**     Incurring of expenditure and provision of posts is subject to receipt of funds from ICAR which is to be obtained by the Controlling Officer

**ICARSCHEME NO. 51 (PC-2037)**

<b>Name of the Scheme</b>	<b>Network project on Organic Farming</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 11,36,520/-</b>
<b>Year of Start</b>	2005-06
<b>Duration of Project</b>	-
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director, School of Organic Farming/ Director of Research PAU
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Man Power (Operation Expenses) One Research Fellow @ Rs.31000/- p.m. fixed + 16% HRA for first two years and Rs.35000 p.m. fixed + 16% HRA for third year One Young Professional @ Rs.15000/- p.m. fixed	6,11,520
	Travelling Allowance	25,000
	Wages	-
	Office Contingency	-
	Research Contingency	5,00,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>11,36,520</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of funds from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 52 (PC 2641)**

<b>Name of the Scheme</b>	<b>Ecosystems, Agribusiness and Institutions Component: Impact Assessment of Agricultural Technology</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.9,95,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Four years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Economics & Sociology /Director of Research PAU
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	-
●	<b>Pay of Establishment</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Research Contingency (including contractual manpower, field survey etc.) One Jr. Research fellow @ Rs 31,000/- p.m. + 16% HRA & FOR 1 <sup>st</sup> and 2 <sup>nd</sup> Year & Rs.35,000/-p.m. +16% HRA for 3 <sup>rd</sup> Year	8,00,000
	Travelling Allowance	1,00,000
	Institutional Charges for CAU	57,000
	Emergent Charges for DR office	38,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>9,95,000</b>

**Note** Incurring of expenditure and provision of posts is subject to receipt of funds from ICAR which is to be obtained by the Controlling Officer



**ICAR SCHEME NO. 53 (PC 2057)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra Ferozepur</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,94,24,000/-</b>
<b>Year of Start</b>	1991-92
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ferozepur/Deputy Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Associate Director (Trg)</b> in Rs. 37400-67000+AGP-10000 (PP for Dr Gurjant Singh Aulakh)
	<b>Six Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry)
●	<b>Pay of Establishment</b>
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/Rs.10300-34800+GP-3800 + Rs. 480/- SA ( <b>Vacant</b> )
	<b>One Programme Assistant (Computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800 ( <b>Vacant</b> )
	<b>One Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Farm Manager</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>Two Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 ( <b>One Vacant</b> )
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 + GP-2000

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,77,24,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>1,94,24,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 54 (PC 2062)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Langroya</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,20,00,000/-</b>
<b>Year of Start</b>	1994-95
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Langroya (Shaheed Bhagat Singh Nagar)/ Associate Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Deputy Director (Trg)</b> in Rs.37400-67000+AGP-9000 ( <b>Vacant</b> )
	<b>Six Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry)
●	<b>Pay of Establishment</b>
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-3800 + Rs. 480/- SA
	<b>One Programme Assistant (Computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>One Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 +GP 4200/ 10300-34800+ GP-3800
	<b>One Farm Manager</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	Two Beldar in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 ( <b>One Vacant</b> )
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 + GP-2000

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,03,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,20,00,000</b>

**Note**     **Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer**

**ICAR SCHEME NO. 55 (PC 2059)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Kapurthala</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,61,50,000/-</b>
<b>Year of Start</b>	1991-92
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Kapurthala/Deputy Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Associate Director (Trg)</b> in Rs.37400-67000 + AGP-10000
	<b>One Associate Professor Agricultural Engineering</b> in Rs.37400-67000 + AGP 9000 (PP for Dr. Bindu Marwaha)
	<b>Five Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry)
<b>● Pay of Establishment</b>	
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-3800 + Rs. 480/- SA
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Home Science/Animal Science)/ Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>Two Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 <b>(One Vacant)</b>
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 + GP-2000

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,44,50,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,61,50,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 56 (PC 2060)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Bahawal</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,17,00,000/-</b>
<b>Year of Start</b>	1991-92
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Bahawal (Hoshiarpur/Asso. Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Associate Director (Trg)</b> in Rs.37400-67000+AGP-10000 (PP for Dr M.S. Bons)
	<b>One Associate Professor(Agronomy)</b> in Rs.37400-67000+AGP-9000 (PP for Dr. Gurpratap Singh)
	<b>Five Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000(out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry <b>(Two Vacant)</b>
<b>● Pay of Establishment</b>	
	<b>One Assistant/Sr. Assistant</b> in Rs. 9300-34800 + GP 4200/ Rs.10300-34800+GP-4400 + Rs. 480/- SA <b>(vacant)</b>
	<b>One Stenographer/SSS</b> in Rs. 5200-20200 + GP 2400/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Home Science/Animal Science)/ Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>Two Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 <b>(One Vacant)</b>
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 + GP-2000 <b>(Vacant)</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,00,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,17,00,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer



**ICAR SCHEME NO. 57 (PC 2061)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Patiala</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,65,43,000/-</b>
<b>Year of Start</b>	1991-92
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Patiala/Associate Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Deputy Director (Trg)</b> in Rs.37400-67000+AGP-9000 ( <b>Vacant</b> )
	<b>Three Associate Professor</b> in Rs.37400-67000+AGP-9000 (PP for Dr Rajini Goyal , Dr. Gurupdesh Kaur & Dr. Rachna Singh)
	<b>Three Asstt. Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry)
<b>● Pay of Establishment</b>	
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/Rs.10300 - 34800+GP-3800 + Rs. 480/- SA
	<b>One Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>One Programme Asstt (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800 ( <b>Vacant</b> )
	<b>One Farm Manager</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>Two Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 ( <b>One Vacant</b> )
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 + GP-2000

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,48,43,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,65,43,000</b>

**Note**     **Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer**

**ICAR SCHEME NO. 58 (PC 2071)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra Gurdaspur</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,68,30,000/-</b>
<b>Year of Start</b>	1982-83
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Gurdaspur/Asso. Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Associate Director (Trg)</b> in Rs. 37400-67000 +AGP-10000
	<b>One Professors (Agril. Engg.)</b> in Rs.37400-67000 + AGP-10000 (PP for dr. R. S. Chinna)
	<b>One Associate Professors (Soil Science)</b> in Rs.37400-67000+ AGP-9000) (PP for Satwinderjit Kaur)
	<b>Four Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry
<b>● Pay of Establishment</b>	
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-3800 + Rs. 480/- SA
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800 (Vacant)
	<b>One Demonstrator (Home Sci/Animal Sci)/ Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Animal Science)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>Two Beldar in Rs. 4900-10680 + GP 1650/Farm Worker</b> in Rs. 5910-20200 + GP 1900 (One Vacant)
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 + GP-2000

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,51,30,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,68,30,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 59 (PC 2058)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Bathinda</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 3,07,00,000/-</b>
<b>Year of Start</b>	1991-92
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Bathinda/Associate Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Deputy Director (Trg.)</b> in Rs.37400-67000+AGP-9000
	<b>One Prof of Animal Science</b> in Rs. 37400-67000 + AGP 10000 (PP for Dr APS Dhaliwal)
	<b>One Assoc Prof of Home Science</b> in Rs.37400-67000 + AGP 9000 (PP for Dr Jaswinder Kaur)
	<b>One Assoc Prof of extn. Edn.</b> in Rs.37400-67000 + AGP 9000 (PP for Dr. Gurmeet Singh Dhillon)
	<b>Three Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000(out of discipline of Extension Education/Agril Extension/ Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry
<b>● Pay of Establishment</b>	
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-3800 + Rs. 480/- SA
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Home Science/Animal Science)/ Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>One Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900
	<b>One Mali</b> in Rs. 4900-10680 + GP 1650/ Farm Worker in Rs. 5910-20200 + GP 1900 (Vacant)
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 + GP-2000

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,90,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>3,07,00,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 60 (PC 2063)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Kheri</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,49,68,000/-</b>
<b>Year of Start</b>	1994-95
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Kheri (Sangrur)/Associate Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Associate Director (Trg)</b> in Rs.37400-67000+AGP-10000 (PP for Dr Mandeep Singh)
	<b>Six Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000(out of discipline of Extension Education/Agril Extension/ Agronomy, Hort Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry <b>(Two Vacant)</b>
<b>● Pay of Establishment</b>	
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-3800 + Rs. 480/- SA
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Home Sci/Animal Sci)/Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 <b>(Vacant)</b>
	<b>One Messenger</b> in Rs.4900-10680+ GP-1650 <b>(Vacant)</b>
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A. <b>(Vacant)</b>
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200/5200-20200 +GP 2000 + Rs. 1000/-S.A/5200-20200 + GP-2000 <b>(Vacant)</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,32,68,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,49,68,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer



**ICAR SCHEME NO.61 (PC 2064)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Faridkot</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,57,00,000/-</b>
<b>Year of Start</b>	1994-95
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Faridkot/Associate Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Deputy Director (Trg)</b> in Rs.37400-67000+AGP-9000
	<b>One Professor (Horticulture)</b> in Rs.37400-67000 + AGP-10000 (PP for Dr. Gurdarshan Singh)
	<b>One Associate Professor (Agril. Engg.)</b> in Rs. 37400-67000+AGP-9000 (PP Dr Rakesh Kumar)
	<b>Four Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry)
<b>• Pay of Establishment</b>	
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>One Programme Assistant (Lab Tech) (Tech G-II) Demonstrator (Home Sci)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	Two Beldar in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 <b>(One Vacant)</b>
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5910-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200/5200-20200 +GP 2000 + Rs. 1000/-S.A/5200-20200 + GP-2000 <b>(Vacant)</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,40,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,57,00,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 62 (PC 2065)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Ropar</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,35,40,000/-</b>
<b>Year of Start</b>	2004-05
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ropar/Deputy Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Deputy Director (Trg)</b> in Rs.37400-67000 + AGP-9000
	<b>Six Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000(out of discipline of Extension Education/Agril Extension/ Agronomy/ Agro Forestry, Hort Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry
<b>• Pay of Establishment</b>	
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-3800 + Rs. 480/- SA
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Home Sci/Animal Sci)/ Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>Two Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 ( <b>One Vacant</b> )
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 + GP-2000

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,18,40,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,35,40,000</b>

**Note**      **Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer**

**ICAR SCHEME NO. 63 (PC 2068)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Goniana (Mukatsar)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,51,00,000/-</b>
<b>Year of Start</b>	2004-05
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Goniana (Mukatsar)/Associate Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Deputy Director (Trg) in Rs. 37400-67000+AGP-9000 (Vacant)</b>
	<b>One Prof. (Ext. Edu.) in Rs.27400-67000/- AGP-10000</b> (PP for Dr. Karmjit Sharma)
	<b>Five Asstt. Professors in Rs.15600-39100+AGP-6000/7000/8000(out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science &amp; Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry</b> <b>(One Vacant)</b>
●	<b>Pay of Establishment</b>
	<b>One Asstt/Sr Asstt in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA</b>
	<b>One Stenographer/Sr Scale Stenographer in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-3800 + Rs. 480/- SA</b>
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (computer) (Tech G-II) in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800</b>
	<b>One Demonstrator (Home Sci/Animal Sci)/ Programme Assistant (Lab Tech) (Tech G-II) in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800</b>
	<b>One Demonstrator (Agronomy)/Farm Manager in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800</b>
	<b>Two Beldar in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 (Vacant)</b>
	<b>One Jeep/Car Driver in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.</b>
	<b>One Tractor Driver (Tech. G.III Engg) in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 + GP-2000</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,34,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,51,00,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 64 (PC 2066)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Amritsar</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,42,10,000/-</b>
<b>Year of Start</b>	2004-05
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Amritsar/Associate Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Associate Director (Trg)</b> in Rs.37400-67000+AGP-10000 (PP for Dr.Bikramjit Singh)
	<b>One Professor (Agronomy)</b> in Rs.37400-67000 + AGP-10000 (PP for Dr. Raminder Kaur)
	<b>Five Asstt Professor</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry (Three Vacant)
<b>● Pay of Establishment</b>	
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-3800 + Rs. 480/- SA
	<b>One Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>One Technical Assistant (Lab Tech) (Tech G-II)/Demonstrator (Home Science)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>Two Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 + GP-2000 (Vacant)

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,25,10,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,42,10,000</b>

**Note**      **Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer**



**ICAR SCHEME NO. 65 (PC 2069)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Samarala (Ludhiana)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,10,00,000/-</b>
<b>Year of Start</b>	2004-05
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Samarala (Ludhiana)/Associate Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Deputy Director (Trg)</b> in Rs. 37400-67000+AGP-9000 ( <b>Vacant</b> )
	<b>Six Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry ( <b>One Vacant</b> )
<b>● Pay of Establishment</b>	
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-3800 + Rs. 480/- SA
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (Computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Home Sci/Animal Sci)/ Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800 ( <b>Vacant</b> )
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>Two Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 ( <b>One vacant</b> )
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 = GP-2000

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,93,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,10,00,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 66 (PC 2067)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Shamsheer Nagar (Fatehgarh Sahib)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,27,00,000/-</b>
<b>Year of Start</b>	2004-05
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Fatehgarh Sahib/Deputy Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	<b>One Dy. Director (Trg)</b> in Rs. 37400-67000 +AGP-9000
	<b>Six Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extension Education/Agril Extension/Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Sci & Technology/Home Sci/Plant Pathology/ Soil Sci/Agril Engg/Farm Mgt/Animal Sci/Fishery/SWE/Agro Forestry)
<b>● Pay of Establishment</b>	
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-3800 + Rs. 480/- SA
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Home Sci/Animal Sci)/ Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800 (Vacant)
	<b>Two Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 (One Vacant)
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/-S.A/ Rs.5200-20200 + GP- 2000

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,10,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,27,00,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 67 (PC 2070)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra Budhsinghwala (Moga)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,40,23,000/-</b>
<b>Year of Start</b>	2005-06
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Budhsinghwala (Moga)/Deputy Director (Trg) KVK/Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Associate Director (Trg)</b> in Rs 37400-67000+AGP-10000 (PP for Dr. Amandeep Singh Brar)
	<b>One Prof</b> in Rs. 37400-67000 + AGP 10000 (PP for Dr Parminder Kaur)
	<b>Five Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry (One Vacant)
●	<b>Pay of Establishment</b>
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300- 34800+GP-3800 + Rs. 480/- SA
	<b>One Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>One Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>Two Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 (One Vacant)
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/-S.A/ Rs.5200-20200 + GP- 2000

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,23,23,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,40,23,000</b>

**Note**     **Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer**

**ICAR SCHEME NO. 68 (PC 2072)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Uppal Jagir (Noormahal)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,43,00,000/-</b>
<b>Year of Start</b>	2005-06
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Uppal Jagir (Noormahal)/Associate Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Deputy Director (Trg)</b> in Rs. 15600-39100+AGP-8000/ 37400-67000+AGP-9000
	<b>Six Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extension Education/Agril Extension/ Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Science & Technology/Home Science/Plant Pathology/ Soil Science/Agril Engg/Farm Mgt/Animal Science/Fishery/SWE/Agro Forestry)
●	<b>Pay of Establishment</b>
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Home Sci/Animal Sci)/Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800 <b>(Vacant)</b>
	Two Beldar in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 <b>(One Vacant)</b>
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech. G.III Engg)</b> in Rs. 10300-34800+GP-3200 + Rs. 1000/- S.A/5200-20200 + GP-2000

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,26,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>2,43,00,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer



**ICAR SCHEME NO. 69 (PC 2073)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra Khokhar Khurd (Mansa)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,90,00,000/-</b>
<b>Year of Start</b>	2006-07
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Khokhar Khurd (Mansa)/Associate Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Deputy Director (Trg)</b> in Rs.37400-67000+AGP-9000 ( <b>Vacant</b> )
	<b>Six Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extn Edu/Agril Extn/Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Sci & Technology/Home Sci/Plant Pathology/Soil Sci/Agril Engg/Farm Mgt/Animal Sci/Fishery/SWE/Agro Forestry)
●	<b>Pay of Establishment</b>
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300- 34800+GP-3800 + Rs. 480/- SA
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800 ( <b>Vacant</b> )
	<b>One Demonstrator (Home Sci/Animal Sci)/ Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800 ( <b>Vacant</b> )
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>Two Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 ( <b>One Vacant</b> )
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A.
	<b>One Tractor Driver (Tech G-III Engg)</b> in Rs. 10300-34800+GP-3200 +Rs. 1000S.A./5200-20200 + GP-2000 ( <b>Vacant</b> )

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,73,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>1,90,00,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**ICAR SCHEME NO. 70 (PC 2428)**

<b>Name of the Scheme</b>	<b>Establishment of Krishi Vigyan Kendra at Pathankot</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 1,90,94,000/-</b>
<b>Year of Start</b>	2016-17
<b>Duration of Project</b>	Likely to continue during 13th Plan
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Pathankot/Deputy Director (Trg) KVK/ Director Extension Education PAU Ludhiana
<b>Source of Funding</b>	100% ICAR
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	<b>One Deputy Director (Trg)</b> in Rs.37400-67000 +AGP-9000
	<b>Six Asstt Professors</b> in Rs.15600-39100+AGP-6000/7000/8000 (out of discipline of Extn Edu/Agril Extn/Agronomy, Hort, Veg/Plant Breeding/Plant Protection/Ento, Food Sci & Technology/Home Sci/Plant Pathology/Soil Sci/Agril Engg/Farm Mgt/Animal Sci/Fishery/SWE/Agro Forestry
●	<b>Pay of Establishment</b>
	<b>One Asstt/Sr Asstt</b> in Rs. 9300-34800 + GP 4200/Rs.10300-34800+GP-4400 + Rs. 480/- SA
	<b>One Stenographer/Sr Scale Stenographer</b> in Rs. 5200-20200 + GP 2400/ Rs.10300-34800+GP-3800 + Rs. 480/- SA (Vacant)
	<b>One Demonstrator (Agril. Engg)/Programme Assistant (computer) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800 (Vacant)
	<b>One Demonstrator (Home Sci/Animal Sci)/ Programme Assistant (Lab Tech) (Tech G-II)</b> in Rs. 9300-34800 + GP 4200/10300-34800+ GP-3800 (Vacant)
	<b>One Demonstrator (Agronomy)/Farm Manager</b> in Rs. 9300-34800 + GP 4200/ 10300-34800+ GP-3800
	<b>Two Beldar</b> in Rs. 4900-10680 + GP 1650/Farm Worker in Rs. 5910-20200 + GP 1900 (Vacant)
	<b>One Jeep/Car Driver</b> in Rs. 5200-20200+GP-2000/5900-20200 + GP 2000 GP + Rs. 1400 S.A. (Vacant)
	<b>One Tractor Driver (Tech G-III Engg)</b> in Rs. 10300-34800+GP-3200 +Rs. 1000S.A./5200-20200 = GP-2000

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>1,73,94,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	10,00,000
	<b>Total</b>	<b>1,90,94,000</b>

**Note** Incurring of expenditure is subject to receipt of financial sanction from ICAR which is to be obtained by the Controlling Officer

**CENTRALLY SPONSORED SCHEME No.1 (PC- 6001)**

<b>Name of the Scheme</b>	<b>Integrated Agro Advisory Services at PAU Ludhiana (Gramin Krishi Mausam Sewa)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.41,60,000 /-</b>
<b>Year of Start</b>	1991-92
<b>Duration of Project</b>	Continuous nature (likely to continue on yearly basis)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Climate Change & Agricultural Meteorology /Director of Research, PAU
	100% by Govt. of India, Ministry of Earth Sciences IMD, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>
	One Principal Agro meteorologist in Rs. 37400-67000+AGP 10000
•	<b>Pay of Establishment</b>
	One Agromet Observer in Rs.5200-20200+2000 GP

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>39,35,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Recurring Contingency	1,00,000
	Publication	30,000
	Farmers Awareness Programme	35,000
	1. Travel for Lecturers	
	2. Other (Transport for farmers, Honorarium for lecture, Training material, misc)	
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>41,60,000</b>

**Note:** Incurring of expenditure & provision of posts is subject to receipt of financial sanction under each primary unit from the funding agency, which is to be obtained by the Controlling Officer

**CENTRALLY SPONSORED SCHEME No.2 (PC 6068)**

<b>Name of the Scheme</b>	<b>Forecasting Agricultural output using space, Agro meteorology and land based observations (FASAL)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,67,200/-</b>
<b>Year of Start</b>	2010-11
<b>Duration of Project</b>	Continuous nature (Yearly basis)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Ludhiana/Head, Department of Climate Change & Agricultural Meteorology /Director of Research, PAU
<b>Source of Funding</b>	100%, Govt. of India, Ministry of Earth Sciences, IMD, New Delhi
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	-
●	<b>Pay of Establishment</b>
	<b>One Senior Research Fellow @ Rs. 35,000 + 16% HRA</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>4,87,200</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Recurring Contingency	50,000
	Field Experiments	1,20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,67,200</b>

**Note:** Expenditure will be incurred on receipt of sanction and funds from the funding agency

**CENTRALLY SPONSORED SCHEME No.3 (PC-6303)**

<b>Name of the Scheme</b>	<b>Development of low lignin mutants of sugarcane through mutagenesis and genome editing approach</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.7,09,333/-</b>
<b>Year of Start</b>	2019-20 (1.6.2019) )
<b>Duration of Project</b>	Three Years (Upto 30.11.2023)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril. Biotechnology/ Director of Research PAU
<b>Source of Funding</b>	100% Council of Scientific and Industrial Research, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2022-23 (Upto 30.11.2023)</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	One Jr. Research Fellow @ Rs.31,000/- + 16% HRA	3,76,000
	Recurring Contingency	3,33,333
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>7,09,333</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency

**CENTRALLY SPONSORED SCHEME No.4 (PC-6350)**

<b>Name of the Scheme</b>	<b>Development of enhanced shelf life tomato mutants through genome editing approach</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.11,17,000/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	2024-25
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril. Biotechnology/ Director of Research, PAU
<b>Source of Funding</b>	100% Council of Scientific and Industrial Research, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
<b>1.</b>	One Senior Research Fellow @ Rs.35,000/- p.m. + 16% HRA	5,17,000
<b>2.</b>	<b>Contingency</b>	
	Consumables	5,00,000
	Recurring Contingency	50,000
	Travelling Allowance	50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>11,17,000</b>

**Note:** Expenditure will be incurred on receipt of sanction and funds from the funding agency



**CENTRALLY SPONSORED SCHEME No.5 (PC-6309)**

<b>Name of the Scheme</b>	<b>Strengthening of Post Graduate Teaching and Research facilities in the department</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,00,000/-</b>
<b>Year of Start</b>	2019-20 (18.9.2019)
<b>Duration of Project</b>	2024-25 (17.9.2024)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril Biotechnology/ Dean, Post Graduate Studies, PAU
<b>Source of Funding</b>	100% Govt of India, Ministry of Science & Technology, DST, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>IF:</b>	
	Renovation of Lab	
	Books	1,00,000
	Maintenance	5,00,000
<b>III</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>6,00,000</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency as per sanctioned grant under each primary unit

**CENTRALLY SPONSORED SCHEME No. 6 (PC-6393)**

<b>Name of the Scheme</b>	<b>The INSPIRE Faculty Fellowship to Dr. Sandeep, Punjab Agricultural University, Ludhiana</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.22,12,734/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2027-28
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril Biotechnology/ Director of Research PAU
<b>Source of Funding</b>	100% Govt of India, Ministry of Science & Technology, DST, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Fellowship for Dr. Sandeep @ Rs. 1,25,000/- p.m. with annual increment of Rs. 2,000/- (w.e.f. date of joining the faculty position)	15,12,734
	<b>Research Grant:</b>	6,15,000
	(i) Equipment's (Minor), Consumables, Maintenance and Repair of equipment's, Books and Journals, Any Other Research and Academic Expenses	
	Contingency	20,000
	Travel	30,000
	Institutional Charges for CAU	21,000
	Emergent charges for DR	14,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>22,12,734</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency.**

**CENTRALLY SPONSORED SCHEME No. 7 (PC-6322)**

<b>Name of the Scheme</b>	<b>Mapping of phytophthora resistance in intergeneric rootstock populations and development of improved rootstock in Citrus</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,58,430/-</b>
<b>Year of Start</b>	2019-20 (18.12.2019)
<b>Duration of Project</b>	2022-23 (Upto 17.6.2023)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril. Biotechnology/ Director of Research PAU
<b>Source of Funding</b>	Govt. of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	-
● <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2022-23 (Upto 17.6.2023)</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Manpower One Research Associate @Rs.47,000/- + 16% HRA p.m. One Project Associate I @Rs.31,000/- +16% HRA p.m. One Jr. Field/Lab Helper @Rs.8,777/- p.m. fixed	2,58,430
	Consumable	-
	Contingency	-
	Travelling Allowance	-
	15% Institutional Charges for % CAU	-
	10% emergent charges for % DR	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,58,430</b>

**Note: Expenditure will be incurred on receipt of sanction and funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.8 (PC-6343)**

<b>Name of the Scheme</b>	<b>DBT Postgraduate Teaching program: M.Sc. Biotechnology at Punjab Agricultural University, Ludhiana</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.31,90,000/-</b>
<b>Year of Start</b>	2020-21 (19.3.2021)
<b>Duration of Project</b>	2025-26 (Five Years)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril. Biotechnology/ Dean Post Graduate Studies, PAU
<b>Source of Funding</b>	Govt. of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Consumables @ Rs.0.35 lakh/student/year	7,00,000
	Contingency @ Rs.2.00 lakh/annum (1.00 lakh for <10 students)	2,00,000
	Books/Journals @ 1.50 lakh/annum (1.00 lakh for < 10 students)	1,50,000
	Travel (Internal) @ 0.50 lakh/annum	50,000
	Visiting Faculty @ 0.40 lakh/annum	40,000
	Summer/Winter Training (for 1 year students only) @ 0.50 lakh/annum (0.25 lakh for < 10 students)	50,000
	Maintenance Grant @ 3.00 lakh/annum (II year onwards)	3,00,000
	Thesis grant @ Rs.0.50 lakh/student/annum (for II year students only)	5,00,000
	Studentship @ Rs.5,000/student/month	12,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>31,90,000</b>

**Note: Expenditure will be incurred on receipt of sanction and funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.9 (PC-6352)**

<b>Name of the Scheme</b>	<b>Application of Bioinformatics and Computational Biology in Agriculture-BIC at Punjab Agricultural University, Ludhiana</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 34,54,992/-</b>
<b>Year of Start</b>	2021-22 (20.7.2021)
<b>Duration of Project</b>	Five Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril. Biotechnology/ Director of Research, PAU
<b>Source of Funding</b>	Govt. of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
<b>1.</b>	<b>Manpower</b> Two Project Scientist-I @ Rs.56,000/- + 16% HRA with 5% increment for every two years of experience (Rs.16,36,992/-) One Project Associate-I @ Rs.25,000/- + 16% HRA (Rs.3,48,000/-)	19,84,992
<b>2.</b>	Other Recurring (Repair of 40 nodes High Performance computing (HPU) system) Annual Maintenance of HPC	8,00,000
	Contingency	50,000
	Travel	50,000
	Training/Workshop	3,20,000
	Institutional Charges for CAU	1,50,000
	Emergent Charges for DR	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>34,54,992</b>

**Note:** Expenditure will be incurred on receipt of sanction and funds from the funding agency

**CENTRALLY SPONSORED SCHEME No.10 (PC-6359)**

<b>Name of the Scheme</b>	<b>Development of resistant starch potato using nanomaterial mediated genome editing technology</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 15,13,040/-</b>
<b>Year of Start</b>	2021-22 (6.12.2021)
<b>Duration of Project</b>	Three Years (5.12.2024)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril. Biotechnology/ Director of Research, PAU
<b>Source of Funding</b>	Govt. of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
<b>1.</b>	Two Project Associate-I @ Rs.31,000/- + 16% HRA	8,63,040
<b>2.</b>	Recurring Contingency	50,000
	Consumable	5,00,000
	Travel	50,000
	Institutional Charges for CAU	30,000
	Emergent Charges for DR	20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>15,13,040</b>

**Note: Expenditure will be incurred on receipt of sanction and funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.11 (PC-6361)**

<b>Name of the Scheme</b>	<b>Elucidating the Genetic Architecture of tillering in wheat through CRISPR/CAS based editing of Ideal Plant Architecture gene (IPAI) and Teosinte Branched I(TBI)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 19,29,920/-</b>
<b>Year of Start</b>	2021-22 (12.1.2022)
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril. Biotechnology/ Director of Research, PAU
<b>Source of Funding</b>	100% Govt. of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	-
● <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	7,09,920
	One Project Assistant @ Rs.20,000/- + 16% HRA for 1 <sup>st</sup> , 2 <sup>nd</sup> & 3 <sup>rd</sup> year (Rs.2,78,400/-)	
	One Project Associate @ Rs.31,000/- + 16% HRA for 1 <sup>st</sup> , 2 <sup>nd</sup> & 3 <sup>rd</sup> year (Rs.4,31,520/-)	
	Recurring Contingency	1,00,000
	Consumable	10,00,000
	Travel	20,000
	Institutional Charges for CAU	60,000
	Emergent Charges for DR	40,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>19,29,920</b>

**Note:** Expenditure will be incurred on receipt of sanction and funds from the funding agency

**CENTRALLY SPONSORED SCHEME No. 12 (PC-6387)**

<b>Name of the Scheme</b>	<b>Genome-wide introgression of tetraploid non-progenitor Aegilops peregrina (UUS) in hexaploidy wheat background and mapping of multiple disease resistance</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 31,51,328/-</b>
<b>Year of Start</b>	2022-23(20.9.2022)
<b>Duration of Project</b>	Five Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril. Biotechnology/ Director of Research, PAU
<b>Source of Funding</b>	100% Govt. of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	-
● <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	11,66,328
	Two Project Associate-I @ Rs.31,000/- + 16% HRA (Rs.8,63,040/-)	
	Two Sr. Lab./Field Helper @ Rs.10,870/- p.m. fixed (Rs.3,03,288/-)	
	Consumables	7,00,000
	Travel	15,000
	Contingency	40,000
	Outsourcing	10,00,000
	Field and farm operation	2,00,000
	Publication charges	-
	Institutional Charges for CAU	18,000
	Emergent Charges for DR	12,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>31,51,328</b>

**Note:** Expenditure will be incurred on receipt of sanction and funds from the funding agency



**CENTRALLY SPONSORED SCHEME No.13 (PC-6345)**

<b>Name of the Scheme</b>	<b>Molecular mapping and transfer of parthenocarpy trait in desi cucumber (Cucumis Sativus L.)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.9,28,592/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril. Biotechnology/ Director of Research PAU
<b>Source of Funding</b>	Science and Engineering Research Board (SERB), New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	One Jr. Research Fellow @ Rs.31,000/- p.m. + 16% HRA for 1 <sup>st</sup> and 2 <sup>nd</sup> year and as SRF @ Rs.35,000/- p.m.+ 16% HRA for 3 <sup>rd</sup> year	4,87,200
	Consumable	3,51,392
	Contingency	-
	Travelling Allowance	-
	15% Institutional Charges for % CAU	54,000
	10% emergent charges for % DR	36,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>9,28,592</b>

**Note:** Expenditure will be incurred on receipt of sanction and funds from the funding agency

**CENTRALLY SPONSORED SCHEME No.14 (PC-6367)**

<b>Name of the Scheme</b>	<b>Development of SNP marker-based panel affordable to breeders for the traits improving germination of rice from deep sowing depth under direct seeded cultivation conditions</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 6,00,000/-</b>
<b>Year of Start</b>	2021-22 (8.3.2022)
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril. Biotechnology/ Director of Research, PAU
<b>Source of Funding</b>	100% Science and Engineering Research Board (SERB), New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
<b>1.</b>	<b>Manpower</b>	2,76,500
	Two Junior Lab./Field Helper @ Rs.9,908/- p.m. fixed	
	Consumables	1,73,500
	Contingency	50,000
	Institutional Charges for CAU	60,000
	Emergent Charges for DR	40,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,00,000</b>

**Note:** Expenditure will be incurred on receipt of sanction and funds from the funding agency

**CENTRALLY SPONSORED SCHEME No. 15 (PC-6395)**

<b>Name of the Scheme</b>	<b>CRISPR/Cas9 based gene editing of A-Gliadins to reduce Coeliac disease epitomes in tetraploid wheat-National Post-Doctoral Fellowship to Dr. Aman Kumar, Punjab Agricultural University, Ludhiana</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 10,65,600/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Two Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director School of Agril. Biotechnology/ Dean, Post Graduate Studies, PAU
<b>Source of Funding</b>	100% Science and Engineering Research Board (SERB), New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	-
● <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
<b>1.</b>	Fellowship for Dr. Aman Kumar @ Rs. 55,000/- p.m. + 16% HRA	7,65,600
	Consumables	1,80,000
	Contingency	20,000
	Travel	-
	Institutional Charges for CAU	60,000
	Emergent charges for DR	40,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>10,65,600</b>

**Note:** Expenditure will be incurred on receipt of sanction and funds from the funding agency

**CENTRALLY SPONSORED SCHEME No. 16 (PC- 6385)**

<b>Name of the Scheme</b>	<b>Development of Haploid inducer rice lines using CRISPER Cas9 gene editing system for high induction frequency</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.12,25,520/-</b>
<b>Year of Start</b>	2022-23 (6.9.2022)
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	100% Govt of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	5,75,520
	One Junior Research Fellow @ Rs.31,000/- p.m. + 16% HRA for 1 <sup>st</sup> & 2 <sup>nd</sup> year & Rs.35,000/- p.m. + 16% HRA for 3 <sup>rd</sup> year (Rs.4,31,520/-)	
	One Junior Field/Lab. Helper @ Rs.9,908/- p.m. fixed (against the post of Field Assistant @ Rs.12,000/- p.m. consolidated) (Rs.1,44,000/-)	
	Travel	50,000
	Consumables	5,00,000
	Contingency	50,000
	Institutional charges for CAU office	30,000
	Emergent charges for DR office	20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>12,25,520</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.17 (PC-6325)**

<b>Name of the Scheme</b>	<b>Germplasm Characterization and Trait Discovery in Wheat using Genomics Approaches and its Integration for Improving Climate Resilience, Productivity and Nutritional quality</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.39,11,600/-</b>
<b>Year of Start</b>	2019-20 (29.2.2020)
<b>Duration of Project</b>	Five Years (Upto 28.2.2025)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	100% Govt of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>Sub Project-1</b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	-
●	<b>Pay of Establishment</b>
	-

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	One Jr. Research Fellow @ Rs.31,000/- p.m. + 16% HRA for first two years and as SRF @ Rs.35,000/- p.m. + 16% HRA for 3 <sup>rd</sup> year onward	4,87,200
	Consumable	1,00,000
	Contingency	1,00,000
	Travelling Allowance	50,000
	Field & Farm Expenses	5,00,000
	Institutional Charges for CAU	30,000
	Emergent charges for DR	20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>12,87,200</b>

<b>SUB PROJECT-2</b>		
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	One Jr. Research Fellow @ Rs.31,000/- p.m. + 16% HRA for first two years and as SRF @ Rs.35,000/- p.m. + 16% HRA for 3 <sup>rd</sup> year onward	4,87,200
	Consumable	3,00,000
	Contingency	50,000
	Travelling Allowance	50,000
	Field & Farm Expenses	3,50,000
	Institutional Charges for CAU	30,000
	Emergent charges for DR	20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>12,87,200</b>
<b>Sub Project-3</b>		
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	One Jr. Research Fellow @ Rs.31,000/- p.m. + 16% HRA for first two years and as SRF @ Rs.35,000/- p.m. + 16% HRA for 3 <sup>rd</sup> year onward	<b>4,87,200</b>
	Consumable	2,00,000
	Contingency	50,000
	Travelling Allowance	50,000
	Field & Farm Expenses	5,00,000
	Institutional Charges for CAU	30,000
	Emergent charges for DR	20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>13,37,200</b>
	<b>Grand Total (Sub Project 1+2+3)</b>	<b>39,11,600</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency

**CENTRALLY SPONSORED SCHEME No.18 (PC-6328)**

<b>Name of the Scheme</b>	<b>Mainstreaming sesame germplasm for productivity enhancement and sustainability through genomics assisted core development and trait discovery” under mission programme of “Minor Oilseeds of Indian Origin</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.18,65,080/-</b>
<b>Year of Start</b>	2019-20 (29.2.2020)
<b>Duration of Project</b>	Five Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	100% Govt of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>PART-A: SUB PROJECT-1: COMPONENT -2: PHENOTYPING OF SESAME GERM PLASM FOR AGRO-MORPHOLOGICAL TRAITS</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	5,28,960
	One Laboratory Assistant/Project Assistant @ Rs.20,000/- p.m. fixed + 16% HRA (Rs.2,78,400/-)	
	One Scientific Administrative Assistant/Field Worker @ Rs.18,000/-p.m. fixed + 16% HRA (Rs.2,50,560/-)	
	Consumables	1,00,000
	Travelling Allowance	50,000
	Field & Farm	2,00,000
	Contingency	25,000
	Institutional Charges for CAU	30,000
	Emergent charges for DR	20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>9,53,960</b>

<b>PART-B: SUB PROJECT-3:COMPONENT-3: IDENTIFICATION OF BIOTIC STRESS (PHYLLODY&amp; DRY ROOT ROT) TOLERANT SESAME GENOTYPES</b>		
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	One Scientific Administrative Assistant/Field Worker @ Rs.18,000/-p.m. fixed + 16% HRA	2,50,560
	Consumables	1,00,000
	Travelling Allowance	50,000
	Field & Farm	-
	Contingency	50,000
	Institutional Charges for CAU	12,000
	Emergent charges for DR	8,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	One BOD Incubator (Rs.1,90,000/-)	-
	One Refrigerator (Rs.38,000/-)	-
	One Deep Freezer (Rs.3,80,000/-)	-
	<b>Total</b>	<b>4,70,560</b>
<b>PART-C: SUB PROJECT-4: COMPONENT-3: CHEMO-PROFILING OF SESAME GERMPLASM</b>		
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	One Scientific Administrative Assistant/Field Worker @ Rs.18,000/-p.m. fixed + 16% HRA	2,50,560
	Consumables	-
	Contingency	30,000
	Institutional Charges for CAU	6,000
	Emergent charges for DR	4,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,90,560</b>
<b>PART-D: SUB PROJECT -6: COMPONENT-5: WIDE HYBRIDIZATION AND GENETIC ENHANCEMENT</b>		
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Consumables	50,000
	Field & Farm	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,50,000</b>
	<b>Grand Total (Part-A + Part-B + Part-C + Part-D)</b>	<b>18,65,080</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency



**CENTRALLY SPONSORED SCHEME No.19 (PC-6329)**

<b>Name of the Scheme</b>	<b>Mainstreaming rice landraces diversity in varietal development through genomic predictions: A model for large scale utilization of gene bank collections of rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.17,39,440/-</b>
<b>Year of Start</b>	5.3.2020
<b>Duration of Project</b>	Five Years (Upto 4.3.2025)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	ICAR-Indian Agricultural Research Institute, New Delhi (DBT Funded Project)
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	<b>14,89,440</b>
	One JRF @ Rs.31,000/- + 16% HRA pm fixed for 1 <sup>st</sup> and 2 <sup>nd</sup> year and SRF @ Rs.35,000/- + 16% HRA pm fixed for 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> year (Rs.4,87,200/-)	
	Four Scientific Administrative Assistant/ field Worker @ Rs.18,000/-+16% HRA (Rs.10,02,240/-)	
	Consumables	1,00,000
	Travelling Allowance	50,000
	Contingency	50,000
	Institutional Charges for CAU	30,000
	Emergent charges for DR	20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency (BOD incubator/ humidity chamber, 2.4 KW Heater, Humidifier, Air Cooler, Hi-tech polycarbonate structure material)	-
	<b>Total</b>	<b>17,39,440</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.20 (PC-6323)**

<b>Name of the Scheme</b>	<b>Introgression Breeding for Transfer of Aphid (Rhopalosiphum padi L.) Resistance from Aegilops tauschii, the D Genome Donor of Wheat</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,05,958/-</b>
<b>Year of Start</b>	January, 2020 (3.1.2020)
<b>Duration of Project</b>	Three Years (Upto 2.7.2023)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	100% Govt of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24 (Upto 2.7.2023)</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	1,93,458
	One JRF @ Rs.31,000/- + 16% HRA for 1st & 2nd year and Rs.35,000/- +16% HRA for 3rd year	
	Two Sr. Field/Lab Helper @ Rs.10,870/- p.m.	
	<b>Consumable</b>	1,75,000
	<b>Contingency</b>	12,500
	<b>Travelling Allowance</b>	12,500
	<b>Outsourcing Work</b>	2,00,000
	<b>Institutional Charges for CAU</b>	7,500
	<b>Emergent charges for DR</b>	5,000
<b>III.</b>	<b>Capital Expenditure</b>	
	<b>Non Recurring Contingency</b>	-
	a) Electrical penetration Graph (EPG)	
	b) Miscellaneous Equipment BOD incubator	
	<b>Total</b>	<b>6,05,958</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No. 21 (PC-6327)**

<b>Name of the Scheme</b>	<b>Exploiting Genetic Diversity for Improvement of Safflower through Genomics Assisted Discovery of QTLs/Genes Associated with Agronomic Traits</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.30,94,480/-</b>
<b>Year of Start</b>	2019-20 (29.2.2020)
<b>Duration of Project</b>	Five Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	100% Govt of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PART-A: SUB PROJECT-2: COMPONENT-5: GWAS FOR SEED YIELD, OIL CONTENT, OIL QUALITY AND TOLERANCE TO BIOTIC AND ABIOTIC STRESSES USING MOLECULAR CORE SET OF SAFFLOWER GERMPLASM</b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	10,02,240
	One Research Assistant @ Rs.54,000/- p.m. + 16% HRA (Rs.7,51,680/-)	
	One Scientific Administrative Assistant/Field Worker @ Rs.18,000/- p.m.+ 16% HRA (Rs.2,50,560/-)	
	Consumables	2,00,000
	Contingency & Field & Farm	3,00,000
	Institutional Charges for CAU	24,000
	Emergent charges for DR	16,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>15,42,240</b>

<b>PART-B: SUB PROJECT-6: COMPONENT-2: DEVELOPMENT OF PRE-BRED MATERIALS USING SAFFLOWER WILD RELATIVES</b>		
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	10,02,240
	One Research Assistant @ Rs.54,000/- p.m. + 16% HRA (Rs.7,51,680/-)	
	One Scientific Administrative Assistant/Field Worker @ Rs.18,000/- p.m.+ 16% HRA (Rs.2,50,560)	
	Consumable	1,00,000
	Contingency	50,000
	Field & Farm	3,50,000
	Institutional Charges for CAU	30,000
	Emergent charges for DR	20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	One Computational system with accessories (Rs.4,00,000)	
	One BOD incubator (Rs.2,30,000)	
	One Deep Freezer (Rs.4,70,000)	
	One Refrigerator (Rs.40,000)	
	<b>Total</b>	<b>15,52,240</b>
	<b>Grand Total (Part-A+B)</b>	<b>30,94,480</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency

**CENTRALLY SPONSORED SCHEME No.22 (PC-6335)**

Name of the Scheme		Characterization of Chickpea Germplasm resource to Accelerate Genomics-assisted Crop Improvement
Budget Estimates 2023-24		Rs.38,26,640/-
Year of Start		2020-21 (23.11.2020)
Duration of Project		Five Years
Headquarter/ Drawing & Disbursing Officer		Ludhiana//Head, Department Plant Breeding & Genetics/Director of Research PAU
Source of Funding		100% Govt. of India, Ministry of Science & Technology, DBT, New Delhi
Income, if any		-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Manpower Two JRF/Project Associate I @Rs.31,000/- + 16% HRA for first two years From third year onwards SRF/Project Associate II @ Rs.35,000/- + 16% HRA Four Field/lab Attendant @ Rs.18,000/- + 16% HRA	19,76,640
	Consumable (Chemicals, insecticides, pesticides, glass/plastic ware etc.)	5,00,000
	Travelling Allowance	50,000
	Contingency (POL, printing of literature, pamphlets, booklets, registration charges, attended workshop, conferences, symposia etc.)	50,000
	Field & Farm Expenses (Wages of labourers, job work etc.)	12,00,000
	Institutional Charges for CAU	30,000
	Emergent charges for DR	20,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	One Autoclave (100 L)	-
	One Orbital shaking cum BOD Incubator (200 L)	-
	One Digital Weighing balance	-
	One Sprinkler system (for about one acre area)	-
	Total	38,26,640

**Note:** Expenditure will be incurred on receipt of funds from the funding agency

**CENTRALLY SPONSORED SCHEME No. 23 (PC- 6391)**

<b>Name of the Scheme</b>	<b>DUS testing of Fababean</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,45,000/-</b>
<b>Year of Start</b>	2022-23 (27.12.2022)
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	100% Govt of India, Protection of Plant Varieties and Farmers' Rights Authority, Ministry of Agriculture & Farmers, New Delhi (PPV&FRA)
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	--+
<b>II.</b>	<b>Revenue Expenditure</b>	
	Manpower	4,20,000
	One Young Professional-II @ Rs.35000/- p.m. fixed	
	Field Expenses and Contingency	2,00,000
	Travel Allowances	25,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,45,000</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.24 (PC-6336)**

<b>Name of the Scheme</b>	<b>Marker assisted stacking of genes associated with seed quality and aphid resistance in high yielding mustard cultivars</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,56,918/-</b>
<b>Year of Start</b>	2020-21 (29.12.2020)
<b>Duration of Project</b>	Three Years (Upto 28.12.2023)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	100% Science & Engineering Research Board (SERB), New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24 (Upto 28.12.2023)</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	One Junior Research Fellow @ Rs.31,000/- p.m. fixed + 16% HRA for 1 <sup>st</sup> & 2 <sup>nd</sup> year and Rs.35,000/- p.m. + 16% HRA for 3 <sup>rd</sup> year onwards	3,65,400
	Consumable	2,00,000
	Contingency	37,500
	Scientific Social Responsibility	-
	Institutional Charges for CAU	32,411
	Emergent charges for DR	21,607
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,56,918</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No. 25 (PC-6368)**

<b>Name of the Scheme</b>	<b>Unravelling the diversity of R genes against yellow mosaic disease in Vigna</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.10,86,587/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	Science & Engineering Research Board (SERB), New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-23</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	4,87,200
	One Senior Research Fellow @ Rs.35,000/- p.m. + 16% HRA	
	Consumables	4,00,000
	Travel	50,000
	Contingencies	50,000
	Scientific Social Responsibility	-
	Institutional Charges for CAU	59,632
	Emergent Charges for DR	39,755
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>10,86,587</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**



**CENTRALLY SPONSORED SCHEME No. 26 (PC-6376)**

<b>Name of the Scheme</b>	<b>DAE Raja Ramanna Fellow</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.13,27,440/-</b>
<b>Year of Start</b>	<b>Part-A 15.12.2021 Part-B 1.6.2022</b>
<b>Duration of Project</b>	<b>Part-A One year (upto 14.12.2024) Part-B One year (upto 31.5.2023)</b>
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Plant Breeding & Genetics/Director of Research PAU
<b>Source of Funding</b>	100% Government of India, Department of atomic Energy, Mumbai
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>Part-A</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Honorarium @ Rs.1,00,000/- p.m. fixed for Prof. Surinder Singh Banga	12,00,000
	Contingency	-
<b>III.</b>	<b>Capital Expenditure</b>	-
	Non Recurring Contingency	
	<b>Total</b>	<b>12,00,000</b>
<b>Part-B (Upto 31.5.2023)</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	One Research Associate-III @ Rs.54,000/- p.m. + 18% HRA (Fellowship to Research Associate, Dr. Javed Akhtar (Upto 31.5.2023)	1,27,440
	Contingency (Additional research Support Grant)	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,27,440</b>
	<b>Grand Total (Part-A + Part-B)</b>	<b>13,27,440</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency

**CENTRALLY SPONSORED SCHEME No.27 (PC-6372)**

<b>Name of the Scheme</b>		<b>Centre of Excellence - Development and Integration of Advanced Genomic technologies for Targeted Breeding</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.5,82,59,360/-</b>
<b>Year of Start</b>		<b>2022-23</b>
<b>Duration of Project</b>		Five Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Ludhiana//G.S. Khush Institute of Genetics, Plant Breeding & Biotechnology/Director of Research PAU
<b>Source of Funding</b>		100% Govt. of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>Part-A-Project Coordination Unit</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	57,21,120
	Six Project scientist 1 @ Rs.56,000/- +16% HRA with 5% increment after two years	
	Two Project Assistant @ Rs.20,000/- + 16 % HRA	
	One Project Manager @ Rs.35,000/- + 16% HRA for DBT	
	Contingency	2,50,000
	Travel	50,000
	Training and workshops	3,00,000
	Institutional Charges for CAU	1,80,000
	Emergent Charges for DR	1,20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	<b>Non Recurring Contingency</b>	2,46,24,400
	(A) Equipment's (As per detail given at Annexure-I) (Rs.1,16,24,400/-)	
	(B) Modular furniture for laboratories, offices, lecture rooms, museum, library etc. (Rs.1,30,00,000/-)	
	<b>Total</b>	<b>3,12,45,520</b>

<b>Part-B Subproject 1: Development of early and short statured pigeonpea genotypes resistant to pod borer and phytophthora stem blight</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b> One Research Associate 1 @ Rs.47,000/- +16% HRA One Project Associate 1 @ Rs.31,000/- + 16 % HRA Two Sr. Field/Lab. Helper @ Rs.10,454/- p.m. fixed	13,73,760
	Consumable	5,00,000
	Sequencing (SNP genotyping through outsourcing)	-
	Travel	20,000
	Contingency	30,000
	Field & Farm	3,00,000
	Publication Charges	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>22,23,760</b>
<b>Subproject 2: Genomic assisted breeding for plant type suited to high plant density planting and tolerance to waterlogging in maize</b>		
	<b>Manpower</b> One Research Associate 1 @ Rs.47,000/- +16% HRA One Project Associate-1 @ Rs.31,000/- + 16 % HRA Two Sr. Field/Lab. Helper @ Rs.10,454/- p.m. fixed	13,73,760
	Consumable	10,00,000
	Sequencing (SNP genotyping through outsourcing)	-
	Travel	20,000
	Contingency	30,000
	Field & Farm	3,00,000
	Publication Charges	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>27,23,760</b>
<b>Sub project 3: Introgression and mapping for whitefly resistance and superior fibre quality in American Cotton (G.hirsutum L.)</b>		
	<b>Manpower</b> One Research Associate-1 @ Rs.47,000/- +16% HRA One Project Associate-1 @ Rs.31,000/- + 16 % HRA Two Sr. Field/Lab. Helper @ Rs.10,454/- p.m. fixed	13,73,760
	Consumable	5,00,000
	Sequencing (SNP genotyping through outsourcing)	-
	Travel	20,000
	Contingency	30,000
	Field & Farm	3,00,000
	Publication Charges	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>22,23,760</b>

<b>Subproject 4: Mapping and transfer of Alternaria blight resistance from a wild crucifer- Diplotaxis erucoides in oilseed Brassicas</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b> One Research Associate-1 @ Rs.47,000/- +16% HRA One Project Associate-1 @ Rs.31,000/- + 16 % HRA Two Sr. Field/Lab. Helper @ Rs.10,454/- p.m. fixed	<b>13,73,760</b>
	Consumable	<b>5,00,000</b>
	Sequencing (SNP genotyping through outsourcing)	-
	Travel	<b>20,000</b>
	Contingency	<b>30,000</b>
	Field & Farm	<b>3,00,000</b>
	Publication Charges	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>22,23,760</b>
<b>Subproject 5: Breeding high yielding quality wheat using nested populations and SNP-chip</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b> One Research Associate-1 @ Rs.47,000/- +16% HRA One Project Associate-1 @ Rs.31,000/- + 16 % HRA Two Sr. Field/Lab. Helper @ Rs.10,454/- p.m. fixed	<b>13,73,760</b>
	Consumable	<b>5,00,000</b>
	Sequencing (SNP genotyping through outsourcing)	<b>30,00,000</b>
	Travel	<b>20,000</b>
	Contingency	<b>30,000</b>
	Field & Farm	<b>3,00,000</b>
	Publication Charges	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>52,23,760</b>
<b>Subproject 6: Genomic Approaches for enhancing yield potential and resistance to major biotic stresses in Basmati rice</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b> One Research Associate-1 @ Rs.47,000/- +16% HRA One Project Associate-1 @ Rs.31,000/- + 16 % HRA Two Sr. Field/Lab. Helper @ Rs.10,454/- p.m. fixed	<b>13,73,760</b>
	Consumable	<b>5,00,000</b>
	Sequencing (SNP genotyping through outsourcing)	<b>20,00,000</b>
	Travel	<b>20,000</b>
	Contingency	<b>30,000</b>
	Field & Farm	<b>3,00,000</b>
	Publication Charges	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>42,23,760</b>

<b>Subproject 7: Molecular mapping and transfer of novel gene(s) for earliness, mono-picking, powdery mildew and rust resistance in garden pea (<i>Pisum sativum</i> L.)</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b> One Research Associate-1 @ Rs.47,000/- +16% HRA One Project Associate-1 @ Rs.31,000/- + 16 % HRA Two Sr. Field/Lab. Helper @ Rs.10,454/- p.m. fixed	<b>13,73,760</b>
	Consumable	<b>5,00,000</b>
	Sequencing (SNP genotyping through outsourcing)	-
	Travel	<b>20,000</b>
	Contingency	<b>30,000</b>
	Field & Farm	<b>3,00,000</b>
	Publication Charges	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>22,23,760</b>
<b>Subproject 8: Identification of genes/QTLs for resistance to citurs greening and Xcc-mediated agroinfiltration for juvenility reduction in citurs</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b> One Research Associate-1 @ Rs.47,000/- +16% HRA One Project Associate-1 @ Rs.31,000/- + 16 % HRA Two Sr. Field/Lab. Helper @ Rs.10,454/- p.m. fixed	<b>13,73,760</b>
	Consumable	<b>5,00,000</b>
	Sequencing (SNP genotyping through outsourcing)	-
	Travel	<b>20,000</b>
	Contingency	<b>30,000</b>
	Field & Farm	<b>3,00,000</b>
	Publication Charges	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>22,23,760</b>
<b>Subproject 9: RNA interference technology for insect resistance and genomics assisted improvement of shelf life in guava</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b> One Research Associate-1 @ Rs.47,000/- +16% HRA One Project Associate-1 @ Rs.31,000/- + 16 % HRA Two Sr. Field/Lab. Helper @ Rs.10,454/- p.m. fixed	<b>13,73,760</b>
	Consumable	<b>5,00,000</b>
	Sequencing (SNP genotyping through outsourcing)	<b>15,00,000</b>
	Travel	<b>20,000</b>
	Contingency	<b>30,000</b>
	Field & Farm	<b>3,00,000</b>
	Publication Charges	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>37,23,760</b>
	<b>Grand Total</b>	<b>5,82,59,360</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency

**CENTRALLY SPONSORED SCHEME No.28 (PC-6003)**

<b>Name of the Scheme</b>	<b>Establishment of Agro Economic Research Centre at PAU Ludhiana</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,25,00,000/-</b>
<b>Year of Start</b>	1997-98
<b>Duration of Project</b>	Continuous nature (yearly basis)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Economics & Sociology /Director of Research, PAU
<b>Source of Funding</b>	100% by Govt of India, Ministry of Agriculture Department of Agri & Cooperation, Farmers Welfare, New Delhi
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	
	<b>One Director (Agro Economic Research Centre)</b> in the scale of Rs. 37400-67000 + AGP 10000 (PP for Dr J. M. Singh)
	<b>Three Principal Agricultural Economist</b> in Rs.37400-67000+AGP 10000 (PP for Dr. Parminder Kaur, Dr Arjinder Kaur & Dr Sanjay Kumar)
<b>• Pay of Establishment</b>	
	<b>Three Sr. Research Investigators (Ex-cadre)</b> in 10300-34800 + 3600 GP
	<b>One Superintendent</b> in 15600-39100 + 5400 GP + 1200/- S.A
	<b>One Sr. Asstt.</b> in 10300-34800 + 4400 GP + 480 SA
	<b>One Messenger</b> in Rs. 4900-10680 + 1650 GP (Initial start of Rs.6950/-)

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>2,20,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Wages	-
	Scholarship/Fellowship/Stipend	-
	Contingencies: Recurring/Non-Recurring	4,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,25,00,000</b>

**Note:**

- Provision of posts and scales is subject to receipt of sanction from the funding agency, which is to be obtained by the Controlling Officer.**
- Expenditure may be incurred on receipt of financial sanction and restricted upto sanctioned grant under each primary unit.**

**CENTRALLY SPONSORED SCHEME No.29 (PC 6004)**

<b>Name of the Scheme</b>	<b>Comprehensive scheme for studying cost of Cultivation of Principal crops in Punjab</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 3,95,00,000/-</b>
<b>Year of Start</b>	1970-71
<b>Duration of Project</b>	Continuous nature (yearly basis)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Head, Department of Economics & Sociology /Director of Research, PAU
<b>Source of Funding</b>	100% by Govt of India, Ministry of Agriculture Department of Agri & Cooperation, , Farmers Welfare, New Delhi
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

**PRIMARY UNIT**

●	<b>Pay of Officers</b>
	<b>One Honorary Director</b> @5% of basic or Rs.5000/- whichever is minimum per month (w.e.f. 1.7.2021)
	<b>Two Principal Agricultural Economist</b> in Rs. 37400-67000+AGP 10000/37400-67000 + AGP 12000 (PP for Dr. Jasdev Singh and Dr. G.S Romana)
	<b>One Senior Agricultural Economist</b> in Rs. 37400-67000+Rs.9000 AGP (PP for Dr. Jatinder Sachdeva)
	<b>One Agricultural Economist</b> in Rs. 15600-39100 + AGP 6000/7000/8000
	<b>One Scientist (Quantitative Methods)</b> in Rs.15600-39100+AGP 6000/7000/8000
●	<b>Pay of Establishment</b>
	<b>Thirty Agril. Sub Inspector (G-III Field)</b> in Rs. 10300-34800 + 3200 GP/10300-34800 + 4200 GP/Agril Sub Inspectors (Economic Data Collection) in Rs. 5910-20200 + 2800 GP  (Office maintenance allowance @ Rs.1500 per month and seasonal necessities allowance @ Rs.2500 per annum)
	<b>Two Clerks/Jr Asstts</b> in Rs. 10300-34800 + 3200 GP/10300-34800 + 3600 GP (50:50) plus SA 240/300
	<b>Three Computers (G-III Engg)</b> in Rs. 10300-34800+3200 GP
	<b>One Messenger</b> in Rs. 4900-10680 + 1650 GP

**BUDGET ESTIMATES 2023-24**

<b>I.</b>	<b>Total Salary of Staff</b>	<b>3,70,00,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	2,00,000
	Contingencies: Recurring/Non-Recurring	23,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,95,00,000</b>

**Note: Incurring of expenditure & provision of posts is subject to receipt of financial sanction from the funding agency, which is to be obtained by the Controlling Officer.**

**CENTRALLY SPONSORED SCHEME No. 30 (PC-6381)**

<b>Name of the Scheme</b>	<b>Development of Quality Queen of Bees of Honey Bee Apis melifera</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,22,375/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Entomology/ Director of Research PAU
<b>Source of Funding</b>	National Bee Board, DAFW, Ministry of Agriculture and Farmers Welfare, Government of India, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b> Bee Professional @ RS.16,000/- p.m. fixed	45,000
	Consumables (Honey bee colonies)	2,63,000
	Institutional Charges for CAU	9,225
	Emergent Charges for DR	6,150
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency (Humidity Chamber Cap.200 L tem,p.range 10-160C)	1,99,000
	<b>Total</b>	<b>5,22,375</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency



**CENTRALLY SPONSORED SCHEME No.31 (PC-6382)**

<b>Name of the Scheme</b>	<b>Facilitating Honey Bee Health through Diagnosing and managing various diseases of Italian Honey Bees</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,11,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Entomology/ Director of Research PAU
<b>Source of Funding</b>	National Bee Board, DAFW, Ministry of Agriculture and Farmers Welfare, Government of India, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	45,000
	Bee Professional @ RS.16,000/- p.m. fixed	
	Consumables	2,66,000
	Institutional Charges for CAU	-
	Emergent Charges for DR	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,11,000</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.32 (PC-6362)**

<b>Name of the Scheme</b>	<b>Ecological implications of abundance of Pink Stem borer, <i>Sesamia inferens</i> Walker in rice-wheat cropping system in Punjab</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.9,37,344/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Entomology/ Director of Research PAU
<b>Source of Funding</b>	100% Science & Engineering Research Board (SERB), New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	
	-
• <b>Pay of Establishment</b>	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Manpower One Junior Research Fellow @ Rs.31,000/- + 16% HRA One Junior Field/Lab Helper @ Rs.9,908/- p.m. fixed	5,36,844
	Consumables	1,00,000
	Travelling Allowance	1,50,000
	Recurring Contingency	50,000
	Institutional Charges for CAU	60,300
	Emergent Charges for DR	40,200
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>9,37,344</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No. 33 (PC-6364)**

<b>Name of the Scheme</b>	<b>Biosystematic Studies of Phytoseiid Mites on Fruit Crops From Trans Gangetic Plain and North Western Himalaya</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.11,37,760/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Entomology/ Director of Research PAU
<b>Source of Funding</b>	100% Science & Engineering Research Board (SERB), New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	-
• <b>Pay of Establishment</b>	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Manpower One Junior Research Fellow @ Rs.31,000/- + 16% HRA One Field Worker @ Rs.18,000/- +16% HRA	7,37,760
	Consumables	50,000
	Travelling Allowance	2,00,000
	Contingency	50,000
	Scientific Social Responsibility	-
	Institutional Charges for CAU	60,000
	Emergent Charges for DR	40,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>11,37,760</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency

**CENTRALLY SPONSORED SCHEME No. 34 (PC-6365)**

<b>Name of the Scheme</b>	<b>Molecular mapping of fertility restorer gene in brinjal (Solanum melongena L.)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.8,81,520/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Vegetable Science/Director of Research, PAU
<b>Source of Funding</b>	100% Science & Engineering Research Board (SERB), New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I. Total Salary of Staff</b>		-
<b>II. Revenue Expenditure</b>		
<b>Manpower</b>		4,31,520
One Junior Research Fellow @ Rs.31,000/- + 16% HRA		
Consumables		3,00,000
Contingency		50,000
Travelling Allowance		-
Institutional Charges for CAU		60,000
Emergent Charges for DR		40,000
<b>III. Capital Expenditure</b>		
Non Recurring Contingency		-
<b>Total</b>		<b>8,81,520</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No. 35 (PC-6366)**

<b>Name of the Scheme</b>	<b>Identification and characterization of gene(s) responsible for pre-mature bolting in tropical onion grown in India</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.14,16,340/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Two Years (Upto 26.1.2024)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Vegetable Science/Director of Research, PAU
<b>Source of Funding</b>	100% Science & Engineering Research Board (SERB), New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	
	-
• <b>Pay of Establishment</b>	

	<b>BUDGET ESTIMATES 2023-24 (Upto 26.1.2024)</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	4,31,520
	One Junior Research Fellow @ Rs.31,000/- + 16% HRA	
	Consumables	7,89,920
	Contingency	50,000
	Travelling Allowance	-
	Institutional Charges for CAU	86,940
	Emergent Charges for DR	57,960
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>14,16,340</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.36 (PC-6390)**

<b>Name of the Scheme</b>	<b>Molecular mapping of root knot nematode resistance gene(s) introgressed from <i>S. torvum</i> in brinjal (<i>S. melongena</i>)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 17,91,304/-</b>
<b>Year of Start</b>	2021-22 (22.11.2022)
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Vegetable Science/Director of Research, PAU
<b>Source of Funding</b>	100% Govt. of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	
	-
• <b>Pay of Establishment</b>	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>Department of Vegetable Science</b>		
<b>I.</b>	<b>Revenue Expenditure</b>	
	One Project Associate @ Rs.31000/- p.m. + 16% HRA for 1 <sup>st</sup> year and 2 <sup>nd</sup> year & Rs. 35000/- + 16% HRA for 3 <sup>rd</sup> year Two Sr. Lab /Field Helper @ Rs.11585/- p.m. (By appointing two Junior Field/Lab Helper @ Rs.9,908/- p.m. fixed)	7,34,784
	Consumable	2,50,000
	Travel	25,000
	Contingencies	50,000
	Institutional Charges for CAU	30,000
	Emergent Charges for DR	20,000
<b>II.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>11,09,784</b>
<b>School of Agricultural Biotechnology</b>		
<b>I.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b> One Project Associate @ Rs.31000/- p.m. + 16% HRA for 1 <sup>st</sup> year and 2 <sup>nd</sup> year & Rs. 35000/- + 16% HRA for 3 <sup>rd</sup> year	4,31,520
	Consumable	2,50,000
	Outsourcing	-
<b>II.</b>	<b>Capital Expenditure</b>	-
	<b>Total</b>	<b>6,81,520</b>
	<b>Grand Total (Part-A + Part-B)</b>	<b>17,91,304</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.37 (PC-6371)**

<b>Name of the Scheme</b>	<b>Molecular mapping and transfer of jassid resistance in Okra <i>Abelmoschus esculentus</i> (L.) Moench</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 26,14,304/-</b>
<b>Year of Start</b>	2022-23 (March 23, 2022)
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Vegetable Science/Director of Research, PAU
<b>Source of Funding</b>	100% Govt. of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	
	-
• <b>Pay of Establishment</b>	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>Department of Vegetable Science (Part-A)</b>		
<b>I.</b>	<b>Revenue Expenditure</b>	
	One Project Associate @ Rs.31000/- p.m. + 16% HRA (Rs.4,31,520/-)	7,34,784
	Two Sr. Lab /Field Helper @ Rs.11585/- p.m. (Rs.3,03,264/-)	
	Consumable	6,00,000
	Contingencies	50,000
	Travel	25,000
	Outsourcing	-
	Institutional Charges for CAU	30,000
	Emergent Charges for DR	20,000
<b>II.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>14,59,784</b>
<b>School of Agricultural Biotechnology (Part-B)</b>		
<b>I.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	<b>4,31,520</b>
	One Project Associate @ Rs.31000/- p.m. + 16% HRA	
	Consumable	2,00,000
	Outsourcing	4,98,000
	Travel	25,000
<b>II.</b>	<b>Capital Expenditure</b>	-
	<b>Total</b>	<b>11,54,520</b>
	<b>Grand Total (Part-A + Part-B)</b>	<b>26,14,304</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No. 38 (PC-6363)**

<b>Name of the Scheme</b>	<b>Phenotyping and Molecular Characterization of Snapmelon germplasm against Fusarium wilt resistance for development of mapping population in Muskmelon (Cucumis melo L.)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 7,88,532/-</b>
<b>Year of Start</b>	2021-22 (24.1.2022)
<b>Duration of Project</b>	Two Years (Upto 23.1.2024)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Vegetable Science/Director of Research, PAU
<b>Source of Funding</b>	100% Govt. of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	
	-
• <b>Pay of Establishment</b>	

<b>BUDGET ESTIMATES 2023-24 (Upto 23.1.2024)</b>		
<b>Department of Vegetable Science (Part-A)</b>		
<b>I.</b>	<b>Revenue Expenditure</b>	
	One Project Associate @ Rs.31,000/- p.m. + 16% HRA One Junior Lab./Field Helper @ Rs. 9,908/- p.m. fixed (Appointed against the post of Field Helper)	5,69,532
	Consumable	50,000
	Travel	9,000
	Institutional Charges for CAU	36,000
	Emergent Charges for DR	24,000
<b>II.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,88,532</b>
<b>School of Agricultural Biotechnology (Part-B)</b>		
<b>I.</b>	<b>Revenue Expenditure</b>	
	Consumable	50,000
	Outsourcing	50,000
<b>II.</b>	<b>Capital Expenditure</b>	
		-
	<b>Total</b>	<b>1,00,000</b>
	<b>Grand Total</b>	<b>7,88,532</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**



**CENTRALLY SPONSORED SCHEME No.39 (PC-6389)**

<b>Name of the Scheme</b>	<b>Evaluation of yeast-encapsulated essential oil based biolarvicide formulation(s) for management of Aedes aegypti mosquito</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,72,672/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Zoology/Director of Research, PAU
<b>Source of Funding</b>	100% Science & Engineering Research Board (SERB), New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	-
• <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Research Personnel (One Project Associate-I @ Rs.31,000/- p.m. + 16% HRA)	4,31,520
	Consumables	1,00,000
	Travel	20,000
	Contingency	60,000
	Scientific Social Responsibility	-
	Institutional Charges for CAU	36,691
	Emergent charges for DR	24,461
<b>III.</b>	<b>Capital Expenditure</b>	
	<b>Non-Recurring Contingency (Equipment)</b> One B.O.D. Incubator (with humidity and light control)	-
	<b>Total</b>	<b>6,72,672</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No. 40 (PC-6346)**

<b>Name of the Scheme</b>	<b>Valoration and dissemination of galgal (Citrus pseudilimon Tan.) processing terchniques for the sustaibable livelihood of weaker sections of the society</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.10,91,480/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Food Science and Technology / Director of Research, PAU
<b>Source of Funding</b>	100%, Govt of India, Ministry of Science & Technology, DST, New Delhi
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>• Pay of Officers</b>	-
<b>• Pay of Establishment</b>	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b> One Junior Research Fellow @ Rs.31,000/- + 16% HRA for first two years and Rs.35,000/- + 16% HRA for 3 <sup>rd</sup> year (Rs.4,87,200/-) One Junior Lab/Field Helper @ Rs.9,908/- p.m. (Rs.1,29,600/-)	6,16,800
	Consumables (Raw material, chemical and glassware)	1,00,000
	<b>Travel</b> (as per norms) 1. Project logistics 2. Field activities 3. DST review meeting	50,000
	Training	1,50,000
	REVIEW MEETINGS BY DST (Monitoring and Evaluation by LPMC and DST)	30,000
	Contingency (Unforeseen Expenditure and incidental costs)	50,000
	Institutional Charges for CAU	56,808
	Emergent charges for DR	37,872
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>10,91,480</b>

**Note: Expenditure will be incurred on receipt of financial sanction/funds from the funding**

**CENTRALLY SPONSORED SCHEME No. 41 (PC-6373)**

<b>Name of the Scheme</b>	<b>Fund for Improvement of S&amp;T Infrastructure (FIST)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.12,00,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Five Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Food Science and Technology / Dean, College of Agriculture, PAU
<b>Source of Funding</b>	100%, Govt of India, Ministry of Science & Technology, DST, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• Pay of Officers	
	-
• Pay of Establishment	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Maintenance (To set up a Computer Lab)	2,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	<b>Equipment</b>	-
	Texture Analyzer	
	Hunter colour Lab	
	Net Working	10,00,000
	<b>Total</b>	<b>12,00,000</b>

**Note:** Expenditure will be incurred on receipt of financial sanction/funds from the funding

**CENTRALLY SPONSORED SCHEME No. 42 (PC-6334)**

<b>Name of the Scheme</b>	<b>Improvement of S&amp;T Infrastructure in Universities and Higher Educational Institutions (FIST)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.7,00,000/-</b>
<b>Year of Start</b>	2020-21
<b>Duration of Project</b>	Five Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Fruit Science / Dean, College of Horticulture & Forestry PAU
<b>Source of Funding</b>	100%, Govt of India, Ministry of Science & Technology, DST, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Maintenance	2,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	<b>Equipment</b>	-
	Net Working	5,00,000
	<b>Total</b>	<b>7,00,000</b>

**Note: Expenditure will be incurred on receipt of financial sanction/funds from the funding**

**CENTRALLY SPONSORED SCHEME No. 43 (PC-6358)**

<b>Name of the Scheme</b>	<b>FIST project (Level-2)” “FIST Engineering Sciences Level I, II or III</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,00,000/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Five Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Farm Machinery & Power Engineering/Dean, College of Agricultural Engineering & Technology PAU
<b>Source of Funding</b>	100% Govt of India, Ministry of Science & Technology, DST, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Maintenance	2,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Equipment	-
	<b>Total</b>	<b>2,00,000</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency.

**CENTRALLY SPONSORED SCHEME No.44 (PC-6294)**

<b>Name of the Scheme</b>	<b>North Indian Centre for Water Technology Research in Agriculture</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.38,21,600/-</b>
<b>Year of Start</b>	2018-19
<b>Duration of Project</b>	Five Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Agronomy/ Director of Research, PAU
<b>Source of Funding</b>	100%, Govt of India, Ministry of Science & Technology, DST, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	<b>23,61,600</b>
	<b>Three Jr. Research Fellow @ Rs.31,000/- p.m. + 16% HRA for 1<sup>st</sup> &amp; 2<sup>nd</sup> year and Rs.35,000/- p.m. +16% HRA for 3<sup>rd</sup> year (Rs.14,61,600/-)</b>	
	<b>Five Field Worker/Helper @ Rs.15,000/- p.m. (Rs.9,00,000/-)</b>	
	Travelling Allowance	80,000
	Contingency	2,00,000
	Consumable	10,00,000
	Institutional Charges for CAU	1,08,000
	Emergent charges for DR	72,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>38,21,600</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.45 (PC-6355)**

<b>Name of the Scheme</b>	<b>Rice stubble management through altered genotype x management (GEM) interventions in wheat crop</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,39,560/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Three Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Agronomy/ Director of Research, PAU
<b>Source of Funding</b>	100%, Govt of India, Ministry of Science & Technology, DBT, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	2,37,060
	One Sr. Field Helper @ Rs.11,585/- p.m. (Rs.1,17,060/-) Honorarium to the employed Scientist @ Rs.10,000/- p.m. Consolidated (Rs.1,20,000/-)	
	Contingency	50,000
	Consumable	2,00,000
	Travelling Allowance	25,000
	Institutional Charges for CAU	16,500
	Emergent charges for DR	11,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>5,39,560</b>

**Note: Expenditure will be incurred on receipt of funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.46 (PC-6354)**

<b>Name of the Scheme</b>	<b>Establishment of field stations for measuring ET and Soil Moisture under National Hydrology Project (NHP)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.7,14,000/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	2023-24 (upto August, 2024)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Soil & Water Engineering/Director of Research PAU
<b>Source of Funding</b>	100% National Remote Sensing Centre, Department of Space (Govt. of India) Balanagar, Hyderabad
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

	<b>BUDGET ESTIMATES 2023-24 (upto August, 2024)</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	<b>6,28,000</b>
	1. One Sr. Research Fellow @ Rs.31,000/- + 16% HRA	
	2. One Assistant Security Supervisor @ Rs.9,908/- p.m. fixed (for site maintenance and security purpose)	
	Travel/POL	9,440
	Consumable (for Lab Experimentation, sim charges etc.)	5,160
	Institutional Charges for CAU	42,840
	Emergent Charges for DR	28,560
<b>III.</b>	<b>Capital Expenditure</b>	
	<b>Non-Recurring Contingency</b>	<b>-</b>
	Laptop/tablet/Printer & Computer accessories etc.	
	<b>Total</b>	<b>7,14,000</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency.



**CENTRALLY SPONSORED SCHEME No.47 (PC-6374)**

<b>Name of the Scheme</b>	<b>Research and development on biomass properties/characteristics (Activity: 20 &amp; 30)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.16,67,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Two Years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana//Head, Department of Renewable Energy Engineering/Director of Research PAU
<b>Source of Funding</b>	100% Central Power Research Institute, Bangalore (A Govt. of India Society under Min. of Power)
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	
	-
• <b>Pay of Establishment</b>	
	-

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	<b>8,16,000</b>
	1. One Young Professional I @ Rs.25,000/- p.m. fixed	
	2. One Jr. Technician/Helper @ Rs.10,688/- p.m.	
	3. One Junior Field/Lab Helper @ Rs.9,908/- p.m	
	4. Two DPLs	
	Consumables/Miscellaneous	5,00,000
	Travel/Contingencies	1,00,000
	Software/Hardware	-
	Institutional Charges for CAU	90,600
	Emergent Charges for DR	60,400
<b>III.</b>	<b>Capital Expenditure</b>	
	<b>Major Equipment'</b>	<b>1,00,000</b>
	1. Flash dryer	
	2. Storage structure	
	3. Rapid moisture analyzer	
	4. Mixer	
	5. High temperature non-contact thermometer	
	<b>Total</b>	<b>16,67,000</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency.

**CENTRALLY SPONSORED SCHEME No.48 (PC-6348)**

<b>Name of the Scheme</b>		<b>Evaluation of climate resilient high yielding farmers' developed crop varieties incubated by NIF in Kandi region of Punjab under different hydrothermal regimes</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.1,15,280/-</b>
<b>Year of Start</b>		2021-22
<b>Duration of Project</b>		Two Years & three months (Upto 9.8.2023)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Director/R.S. Ballawal Saunkhri/Director of Research, PAU
<b>Source of Funding</b>		100%, National Innovation Foundation-India (DST, New Delhi)
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24 (Upto 9.8.2023)</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Manpower</b>	64,800
	One Project Assistant @ Rs.20,000/- p.m. + 8% HRA (Rs.64,800/-)	
	Daily Paid Labourer (Nil)	
	Travelling Allowance	20,000
	<b>Contingency</b>	20,000
	fertilizers, herbicides, plant protection chemicals, stationary, documentation, postage, sample collection, making of leaflets/folders and their printing, report printing and other consumable items etc. (Rs.20,000/-)	
	Procurement of seed in consultation with NIF from innovator (including Transport) and local sources (Nil)	
	Awareness Programme/Training	-
	Institutional Charges for CAU	6,288
	Emergent charges for DR	4,192
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,15,280</b>

**Note: Expenditure will be incurred on receipt of financial sanction/funds from the funding agency**

**CENTRALLY SPONSORED SCHEME No.49 (PC-6037)**

<b>Name of the Scheme</b>	<b>Integrated Agro Advisory Services at Agromet Field Unit, Ballawal Saunkhri (renamed Gramin Krishi Mausam Sewa)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 16,90,776/-</b>
<b>Year of Start</b>	2008-09
<b>Duration of Project</b>	Continuation nature yearly basis
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ballawal Saunkhri/Director, Regional Station/Director of Research PAU Ludhiana
<b>Source of Funding</b>	100% Govt of India, Ministry of Earth Science, India Meteorological Department New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	
	-
• <b>Pay of Establishment</b>	
	<b>One Technical Officer/Scientist (Agro Meteorologist)</b> in the scale of Rs. 15600-39100 + AGP 6000/7000/8000
	<b>One Agromet Observer @ Rs. 21700/- p.m. fixed</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>14,95,776</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	60,000
	Recurring Contingency	1,00,000
	Farmers Awareness Programme	35,000
	1. Travel for Lecturers	
	2. Other (Transport for farmers, Honorarium for lecture, Training material, misc)	
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>16,90,776</b>

**Note:** Expenditure will be incurred on receipt of sanction and funds from the funding agency

**CENTRALLY SPONSORED SCHEME No. 50 (PC 6036)**

<b>Name of the Scheme</b>	<b>Gramin Krishi Mausam Sewa at Agromet Field Unit, Faridkot</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.25,95,000/-</b>
<b>Year of Start</b>	2008-09
<b>Duration of Project</b>	Continuous nature (yearly basis)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Faridkot/Director Regional Station/Director of Research, PAU Ludhiana
<b>Source of Funding</b>	100%, Govt of India Ministry of Earth Science IMD New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	<b>One Technical Officer</b> in Rs. 15600-39100 plus 7000 AGP (Agro Meteorologist)
	<b>One Agromet Observer</b> Rs.5200-20200+2000 GP (Rs. 15000/- p.m. fixed consolidated-filled on contract)

	<b>BUDGET ESTIMATES 2023-24</b>	
<b>I.</b>	<b>Total Salary of Staff</b>	<b>24,30,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	30,000
	Recurring Contingency	1,00,000
	Farmers Awareness Programme	35,000
	1. Travel for Lecturers	
	2. Other (Transport for farmers, Honorarium for lecture, Training material, misc)	
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>25,95,000</b>

**Note:** The expenditure under each primary unit will be incurred on receipt of sanction and funds from the funding agency

**CENTRALLY SPONSORED SCHEME No. 51 (PC 6002)**

<b>Name of the Scheme</b>	<b>Integrated Agro Advisory Services at Bathinda Renamed as 'Gramin Krishi Mausam Sewa</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.22,15,000/-</b>
<b>Year of Start</b>	1995-96
<b>Duration of Project</b>	Continuous nature (yearly basis)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Bathinda/Director, Regional Station/ Director of Research PAU Ludhiana
<b>Source of Funding</b>	100% by Govt of India, Ministry of Earth Sciences IMD, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	<b>One Agro meteorologist</b> in Rs. 15600-39100 + AGP 6000/7000/8000
	<b>One Agromet Observer</b> in Rs. 21700/- p.m. fixed

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>20,20,000</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	40,000
	Recurring Contingency (including hiring of transport, Honorarium for Lectures, Training Material and Misc.)	80,000
	Farmers Awareness Programme 1. Travel for Lecturers 2. Other (Transport for farmers, Honorarium for lecture, Training material, misc)	35,000
	Publication	40,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>22,15,000</b>

**Note:**

- Incurring of expenditure and provision of posts is subject to receipt of financial sanction from the funding agency, which is to be obtained by the Controlling Officer.**
- Expenditure may be restricted to the sanctioned grant under each primary unit.**

**CENTRALLY SPONSORED SCHEME No.52 (PC-6058)**

<b>Name of the Scheme</b>	<b>AAS Unit (under PAU) at Gurdaspur</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 31,00,400/-</b>
<b>Year of Start</b>	2008-09
<b>Duration of Project</b>	Continuation nature yearly basis
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Gurdaspur/Director, Regional Station/Director of Research PAU Ludhiana
<b>Source of Funding</b>	100% Govt of India, Ministry of Earth Science, India Meteorological Department New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	
	-
• <b>Pay of Establishment</b>	
	<b>One Agro Meteorologist</b> in Rs. 15600-39100 plus 6000/7000/8000 AGP
	<b>One Agromet Observer</b> @ Rs. 15000/- p.m. fixed

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>28,15,400</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	50,000
	Recurring Contingency	2,00,000
	Farmers Awareness Programme	35,000
	1. Travel for Lecturers	
	2. Other (Transport for farmers, Honorarium for lecture, Training material, misc)	
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>31,00,400</b>

**Note:** Expenditure will be incurred on receipt of funds from the funding agency as per sanctioned grant under each primary unit

**NHM. SCHEME No.1 (PC-4089)**

<b>Name of the Scheme</b>	<b>Research &amp; Extension Specialists Workshop for Horticulture</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,00,000/-</b>
<b>Year of Start</b>	2009-10
<b>Duration of Project</b>	Likely to continue
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director of Extension Education, PAU
<b>Source of Funding</b>	100% by National Horticulture Mission, Mohali
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff Contractual Services</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Working Contingency (Preparation of charts/display boards/blow up banners, boarding & lodging/ refreshment, honorarium to resource persons/secretariat staff, POL/vehicle hiring, providing course material and misc. expenses	5,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>5,00,000</b>

Note: Expenditure will be incurred on receipt of funds.

**NHM. SCHEME No.2 (PC-5232)**

<b>Name of the Scheme</b>	<b>Frontline demonstrations on “Paddy straw mulching and eco-friendly technologies for guava production”</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.7,00,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2024-25
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Fruit Science/ Director of Extension Education, PAU
<b>Source of Funding</b>	100% by National Horticulture Mission, Mohali
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff Contractual Services</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	1,00,000
	Recurring Contingency (for purchase of lab chemicals/agro-chemicals/paddy straw/fruit fly traps/non-woven bags/biofertilizers/fertilizers/literature publication/glassware/labour etc.	6,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>7,00,000</b>

Note: Expenditure will be incurred on receipt of funds.



**MISC. SCHEME No. 1 (PC-4001)**

<b>Name of the Scheme</b>	<b>Training of the PAU faculty members in new technologies.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 25,00,000/-</b>
<b>Year of Start</b>	1998-99
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Director of Research PAU/Vice Chancellor, PAU
<b>Source of Funding</b>	To be funded from the interest accrued on the fixed deposit of Rs.1.80 crore released by the Punjab Rural Development Board, Chandigarh
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	20,00,000
	Recurring Contingency	5,00,000
	Office Contingency	-
	Wages	--
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>25,00,000</b>

**Note:** Expenditure will be restricted to the extent of interest accrued on the fixed deposit of Rs.1.80 crore upto 31.3.2023.

**MISC. SCHEME No. 2 (PC-4889)**

<b>Name of the Scheme</b>	<b>Advance training of PAU faculty members in new technologies</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.40,00,000/-</b>
<b>Year of Start</b>	2019-20
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Director of Research/ Vice Chancellor, PAU
<b>Source of Funding</b>	To be funded from the interest accrued on fixed deposit of Rs.3.20 crore by the Comptroller, PAU, Ludhiana
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	32,00,000
	Recurring Contingency	8,00,000
	Office Contingency	-
	Wages	-
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>40,00,000</b>

**Note:** Expenditure will be incurred on actual interest accrued on fixed deposit of Rs.3.20 crore upto 31.3.2023.

**MISC. SCHEME No. 3 (PC-4003)**

<b>Name of the Scheme</b>	<b>Running of Lab. Day Care Centre.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.15,60,000/-</b>
<b>Year of Start</b>	1997-98
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Human Development & Family Studies /Dean, College of Community Science, PAU
<b>Source of Funding</b>	Out of its own income
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual services</b>	10,00,000
	Two Creche Supervisors @ Rs.15,078/-p.m. fixed for M.Sc. & Rs.12,617/- p.m. fixed for B.Sc.	
	Two Helpers (Child Care) @ Rs.9,908/-p.m. fixed	
	One Cooking Helper @ Rs.9,908/-p.m. fixed	
	One Sanitation Helper @ Rs.9,908/-p.m. fixed	
	Recurring Contingency	3,00,000
	Office Contingency	-
	Wages	2,60,000
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>15,60,000</b>

**MISC. SCHEME No. 4 (PC-4004)**

<b>Name of the Scheme</b>	<b>POL expenses for the Pooled vehicles and recoupment thereof</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.30,00,000/-</b>
<b>Year of Start</b>	2002-03
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Director of Research/Incharge, Vehicle Pool, PAU
<b>Source of Funding</b>	100% out of its own income
<b>Income, if any</b>	It is a recoupment of expenditure on the basis of use of vehicle by the user department.
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Recurring Contingency	30,00,000
	Office Contingency	-
	Wages	-
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>30,00,000</b>

**MISC. SCHEME No. 5 (PC-4238)**

<b>Name of the Scheme</b>	<b>Institutional Charges for CAU's office</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.17,00,000/-</b>
<b>Year of Start</b>	2012-13
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Comptroller, PAU
<b>Source of Funding</b>	Institutional charges deducted from external funded projects.
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Payment of honorarium to Principal Investigators and Co-Principal Investigators.	17,00,000
	Recurring Contingency	-
	Office Contingency	-
	Wages	-
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>17,00,000</b>

**MISC. SCHEME No. 6 (PC-4006)**

<b>Name of the Scheme</b>	<b>Emergent Establishment Charges for Directorate of Research</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.45,00,000/-</b>
<b>Year of Start</b>	2008-09
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Director of Research, PAU
<b>Source of Funding</b>	Emergent charges deducted out of the Research Schemes
<b>Income, if any</b>	Rs.80.00 lakh (approx.) i.e. emergent charges deducted out of the Research schemes
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Recurring Contingency (One Assistant Information Officer @ Rs.15,000/- p.m. fixed) POL, Stationery etc.	30,00,000
	Office Contingency	-
	Wages	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	15,00,000
	<b>Total</b>	<b>45,00,000</b>

**MISC. SCHEME No.7(PC-4007)**

Name of the Scheme		Strengthening of Agricultural Marketing research in the Department of Economics & Sociology
Budget Estimates 2023-24		Rs.1,46,00,000/-
Year of Start		1979-80
Duration of Project		Continuous nature
Headquarter/ Drawing & Disbursing Officer		Ludhiana/Head, Department of Economics & Sociology, PAU/Director of Research, PAU
Source of Funding		100% by Punjab Mandi Board, Mohali
Income, if any		Nil
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	Two Principal Economist (Agricultural Marketing) in Rs.37400-67000 + AGP Rs.10,000/- Rs.37400-67000 + AGP Rs.12,000/- Filled : 2 (Personal posts of Dr.Mini Goyal, & Dr.Milkho Kaur)	
	One Senior Economist (Agricultural Marketing) in Rs.37400-67000 + AGP Rs.9000/- Vacant	
	One Scientist (Agricultural Marketing) in Rs.15600-39100 + Rs.6000 AGP/Rs.7000 AGP /Rs.8000 AGP Filled :1	
	One Economist (Agricultural Marketing) in Rs.15600-39100 + Rs.6000 AGP/Rs.7000 AGP/Rs.8000 AGP Filled : 1	
●	Pay of Establishment	
	Ten Research Fellow @ Rs.38,000/-p.m. fixed + 20% HRA for M.Sc. & Rs.40,000/-p.m. fixed + 20% HRA for Ph.D. Filled: 3 Vacant: 7	
	Three Statistical Assistants (G-II ) in Rs.10300-34800 +GP Rs.3800/- Vacant: 3	
	Three Computing Assistant (G-III) in Rs.10300-34800 + GP Rs.3200/- Vacant:3	
	One General Assistant against the post of Senior Scale Stenographer @ Rs.12,617/- p.m. fixed Vacant	
	One Steno Typist (G2/1) in Rs.10300-34800 + GP Rs.3200/- Vacant	
	One Junior Field Helper @ Rs.9,908/- against the post of Messenger in Rs.4900-10680 + GP Rs.1650/- Filled: on contract	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	1,40,00,000
II.	Revenue Expenditure	
	Travelling Allowance	1,00,000
	Recurring Contingency	5,00,000
	Wages	-
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	1,46,00,000

**Note:** Expenditure will be incurred on receipt of funds from the funding agency.

**MISC. SCHEME No. 8 (PC-4715)**

<b>Name of the Scheme</b>	<b>Facilitating effective functioning at PAU</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,00,00,000/-</b>
<b>Year of Start</b>	2017-18
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Assistant Accounts Officer (Budget) o/o CAU, PAU
<b>Source of Funding</b>	100% out of University income
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Contractual Services and for compliance of related statutory requirements	6,00,00,000
	Recurring Contingency	-
	Office Contingency	-
	Wages	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,00,00,000</b>



**MISC. SCHEME No. 9 (PC-4268 )**

<b>Name of the Scheme</b>	<b>Strengthening of Research, Teaching and Extension Education activities</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,00,00,000/-</b>
<b>Year of Start</b>	2013-14
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Assistant Accounts Officer (Accounts) o/o CAU, PAU
<b>Source of Funding</b>	100% out of University income
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Contingency and other emergent expenses	5,00,00,000
	Office Contingency	-
	Wages	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>5,00,00,000</b>

**MISC. SCHEME No. 10 (PC-4352)**

<b>Name of the Scheme</b>	<b>Emergent establishment charges for Directorate of Extension Education</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.28,125/-</b>
<b>Year of Start</b>	2013-14
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Director of Extension Education, PAU
<b>Source of Funding</b>	100% from emergent charges deducted out of the schemes during the year 2022-23
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Working Contingency (POL, stationery, repair of vehicles and miscellaneous expenditure)	28,125
	Office Contingency	-
	Wages	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>28,125</b>

**MISC. SCHEME No. 11 (PC- 4489 )**

<b>Name of the Scheme</b>	<b>Strengthening of Directorate of Extension Education</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 18,35,000/-</b>
<b>Year of Start</b>	2015-16
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Director of Extension Education, PAU
<b>Source of Funding</b>	100% (out of the seed production programmes of all KVKs of Punjab)
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Working Contingency	15,35,000
	Office Contingency	-
	Wages	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency (for Farm Implements, Machinery, Computer etc.)	3,00,000
	<b>Total</b>	<b>18,35,000</b>

**MISC. SCHEME No. 12 (PC-4582)**

<b>Name of the Scheme</b>	<b>Research &amp; Extension Specialists Workshop for Rabi and Kharif crops</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,50,000 /-</b>
<b>Year of Start</b>	2015-16
<b>Duration of Project</b>	Likely to continue
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Director of Extension Education, PAU
<b>Source of Funding</b>	100% by Director of Agriculture, Punjab Govt.
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Working Contingency (Morning and evening session tea, breakfast, lunch and dinner and registration kit for participants)	1,50,000
	Office Contingency	-
	Wages	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,50,000</b>

**Note :** Expenditure will be incurred on receipt of funds from the funding agency.

**MISC. SCHEME No. 13 (PC-4064)**

<b>Name of the Scheme</b>	<b>Training camp on maintenance of Tractor &amp; Resource persons</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,41,754/-</b>
<b>Year of Start</b>	2002-03
<b>Duration of Project</b>	Likely to continue
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director of Extension Education, PAU
<b>Source of Funding</b>	100% training charges
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff Contractual Services</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Working Contingency	1,41,754
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,41,754</b>

**MISC. SCHEME No. 14 (PC-4914)**

<b>Name of the Scheme</b>	PAU Suspense Scheme of Store Purchase Organization
<b>Budget Estimates 2023-24</b>	<b>Rs.10,00,00,000/-</b>
<b>Year of Start</b>	2019-20
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/Comptroller (SPO), PAU
<b>Source of Funding</b>	Out of its own income
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency for purchase of POL/HSD/Stationery/liveries etc.	10,00,00,000
	Office Contingency	-
	Wages	-
	Travel Grant for faculty	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>10 ,00,00,000</b>

**MISC. SCHEME No.15 (PC- 5054)**

<b>Name of the Scheme</b>	<b>Precision irrigation in major cropping systems of Punjab using artificial intelligence and sub-surface drip system</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.46,90,000/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Three years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	60% by Government of India and 40% by State of Punjab
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	18,40,000
	Two Junior Research Fellows @ Rs.31,000/- p.m.+ 16% HRA for first two years and @ Rs.35,000/- p.m. + 16% HRA for third year	
	Six Junior Field/Lab. Helpers @ Rs.9,908/- p.m. fixed	
	Recurring Contingency	20,00,000
	Travel/advanced training	1,00,000
	Other Misc. expenditure	1,00,000
	25% Inst. charges for CAU's office	-
	10% Emergent charges for o/o Director of Research	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency (Data logger with AI & DI, DWLR, GSM/GPRS communication system, soil moisture sensors/profile probe/ultrasonic sensors, water storage structures, water meters with pulse output, mobile app/sms based pump controller, website and mobile app development, IT tools etc.)	6,50,000
	<b>Total</b>	<b>46,90,000</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC. SCHEME No. 16 (PC-5181)**

<b>Name of the Scheme</b>	<b>Evaluation of efficacy of Harvest+ Cytonutri zinc 12%, SA-GroBloom , SA SARAS NUTRI, SA SARAS POWER and SA PYROLL (Organic Potash 14% ) in paddy</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.10,00,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Saraswati Agro Chemicals India Private Limited, Mohali
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	6,50,000
	25% Inst. charges for CAU's office	2,50,000
	10% Emergent charges for o/o Director of Research	1,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>10,00,000</b>



**MISC. SCHEME No. 17 (PC-5200)**

<b>Name of the Scheme</b>	<b>Efficacy evaluation of EMEK (Clodinafop propargyl 9% + Metribuzin 20% WP) for weed management in wheat</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,00,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% ADAMA India Private Limited, Hyderabad
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	2,60,000
	25% Inst. charges for CAU's office	1,00,000
	10% Emergent charges for o/o Director of Research	40,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>4,00,000</b>

**MISC. SCHEME No. 18 (PC-5201)**

<b>Name of the Scheme</b>	<b>Bio-efficacy evaluation of herbicide pre-mixture, RIL-261/CF in sugarcane</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Rallis India Limited, Bangalore
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	4,22,500
	25% Inst. charges for CAU's office	1,62,500
	10% Emergent charges for o/o Director of Research	65,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,50,000</b>

**MISC. SCHEME No. 19 (PC-5202)**

<b>Name of the Scheme</b>	<b>Efficacy of premix of VPP72 60% ad its comparison with market standards for control of Phalaris minor and Broad leaf weeds in wheat</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by FMC India Private Limited, Ludhiana
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	4,22,500
	25% Inst. charges for CAU's office	1,62,500
	10% Emergent charges for o/o Director of Research	65,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,50,000</b>

**MISC. SCHEME No. 20 (PC-5206)**

<b>Name of the Scheme</b>	<b>Evaluation of Rapigro Gr and Rapigro L for growth &amp; yield parameter of Rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,00,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Jivagro Limited, Mumbai
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	3,25,000
	25% Inst. charges for CAU's office	1,25,000
	10% Emergent charges for o/o Director of Research	50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>5,00,000</b>

**MISC. SCHEME No. 21 (PC-5210)**

<b>Name of the Scheme</b>	<b>Evaluation of herbicides triafamone 37.5 + fentrazamide 300 g/L SC and triafamone 37.5 g/L + oxdiazon 240 g/L SC for weed control in transplanted rice and direct seeded rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.29,00,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Bayer Crop Science Limited, Mohali
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	-
● <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	18,85,000
	25% Inst. charges for CAU's office	7,25,000
	10% Emergent charges for o/o Director of Research	2,90,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>29,00,000</b>

**MISC. SCHEME No. 22 (PC-5212)**

<b>Name of the Scheme</b>	<b>Estimation of Groundwater unit and Water Budgeting in different Agro-Climate Regions of Punjab using Internet of Things and Satellite Remote Sensing</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.69,40,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Govt. of India and Punjab (60:40)
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff Contractual Services</b> Four Research Fellows @ Rs.31,000/- p.m.+ 16% HRA for first two years and @ Rs.35,000/- p.m. + 16% HRA for third year Fifteen Junior Field/Lab. Helpers @ Rs.9,908/- p.m. fixed	38,90,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	20,00,000
	Travel/ Advanced training	2,00,000
	Unforeseen expenditure	2,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	6,50,000
	<b>Total</b>	<b>69,40,000</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC. SCHEME No. 23 (PC-5217)**

<b>Name of the Scheme</b>	<b>Evaluation of pretilachlor 30% w/v + flopyrauxifen-Benzyl 1% w/v (31% w/v EC) for total weed control in transplanted rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Syngenta India Limited, Pune
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	4,22,500
	25% Inst. charges for CAU's office	1,62,500
	10% Emergent charges for o/o Director of Research	65,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,50,000</b>

**MISC. SCHEME No. 24 (PC-5219)**

<b>Name of the Scheme</b>	<b>Evaluation of AWKIRA (Pyroxasulfone 85 WG) for phytotoxicity (crop safety) when applied through Drone in wheat</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by PI Industries Limited, Gurgaon
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	2,92,500
	25% Inst. charges for CAU's office	1,12,500
	10% Emergent charges for o/o Director of Research	45,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>4,50,000</b>



**MISC. SCHEME No. 25 (PC-5221)**

<b>Name of the Scheme</b>	<b>Evaluation of pretilachlor 30% w/v floryauxifen- Benzyl 1% w/v (31% w/v EC) for total weed control in direct seeded rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Syngenta India Limited, Pune
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	4,22,500
	25% Inst. charges for CAU's office	1,62,500
	10% Emergent charges for o/o Director of Research	65,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,50,000</b>

**MISC. SCHEME No. 26 (PC-5227)**

<b>Name of the Scheme</b>	<b>Evaluation of herbicide VPP72 60% WG for control of Phalaris minor and Broad leaf weeds (BLW's) in wheat for third season</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,25,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by FMC India Private Limited, Ludhiana
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	2,11,250
	25% Inst. charges for CAU's office	81,250
	10% Emergent charges for o/o Director of Research	32,500
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,25,000</b>

**MISC. SCHEME No. 27 (PC-5228)**

<b>Name of the Scheme</b>	<b>Evaluation of herbicide ADM.05001.H.1.A against weed complex in wheat</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Agronomy, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by ADAMA India Private Limited, Hyderabad
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	4,22,500
	25% Inst. charges for CAU's office	1,62,500
	10% Emergent charges for o/o Director of Research	65,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,50,000</b>

**MISC. SCHEME No. 28 (PC- 5102)**

<b>Name of the Scheme</b>	<b>Bio-efficacy evaluation of IIF-1516 against sheath blight , false smut and blast disease of rice for two seasons</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,00,363/-</b>
<b>Year of Start</b>	December, 2021
<b>Duration of Project</b>	November,2023
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Indofill Industries Limited, Mumbai
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	2,60,363
	One Research Fellow @ Rs.17,000/- + 20% HRA	
	One Senior Field/Lab. Helper @ Rs.11,585/- p.m. fixed	
	<b>Recurring Contingency</b>	-
	25% Inst. charges for CAU's office	1,00,000
	10% Emergent charges for o/o Director of Research	40,000
	<b>Total</b>	<b>4,00,363</b>

**MISC. SCHEME No.29 (PC- 5110)**

<b>Name of the Scheme</b>	<b>Bioefficacy evaluation of BIOMYCIN (Kasugamycin 3% SL) against early blight of potato</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,00,317/-</b>
<b>Year of Start</b>	December, 2021
<b>Duration of Project</b>	November, 2023
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Biostadt India Limited, Mumbai
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	65,317
	One Research Fellow @ Rs.17,000/- p.m. + 20% HRA	
	Recurring Contingency	-
	25% Inst. charges for CAU's office	25,000
	10% Emergent charges for o/o Director of Research	10,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,00,317</b>

**MISC. SCHEME No. 30 (PC- 5148)**

<b>Name of the Scheme</b>	<b>Bio-efficacy evaluation of biopesticide bacillus amiloliquefaciens against sheath blight of rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,00,000/-</b>
<b>Year of Start</b>	May, 2022
<b>Duration of Project</b>	April,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by CSIR- National Botanical Research Institute, Lucknow
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual services</b>	65,000
	One Senior Lab./Field Helper @ Rs.11,585/- p.m. fixed	
	25% Inst. charges for CAU's office	25,000
	10% Emergent charges for o/o Director of Research	10,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,00,000</b>

**MISC. SCHEME No. 31 (PC- 5169)**

<b>Name of the Scheme</b>	<b>Bio-efficacy evaluation of biofungicide IPF-FC-005(Trichoderma viride + Trichoderma Harzanium ) against wilt of Okra</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,50,000/-</b>
<b>Year of Start</b>	July, 2022
<b>Duration of Project</b>	June,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Ross Lifescience Limited, Pune
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	97,500
	25% Inst. charges for CAU's office	37,500
	10% Emergent charges for o/o Director of Research	15,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,50,000</b>

**MISC. SCHEME No. 32 (PC- 5180)**

<b>Name of the Scheme</b>	<b>Bio-efficacy evaluation of Fluopyram 400g/L (Velum Prime) SC against root knot nematodes of rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,50,000/-</b>
<b>Year of Start</b>	July, 2022
<b>Duration of Project</b>	June,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Bayer Crop Science Limited, Mohali
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual services</b>	1,62,500
	One Research Fellow @ Rs.17,000/- p.m.+ 20% HRA	
	25% Inst. charges for CAU's office	62,500
	10% Emergent charges for o/o Director of Research	25,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,50,000</b>



**MISC. SCHEME No. 33 (PC- 5186)**

<b>Name of the Scheme</b>	<b>Bio-efficacy evaluation of Isotianil 200 G/L Trifloxystrobin 80 G/L FS (routine start) against leaf blast of rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,50,000/-</b>
<b>Year of Start</b>	August, 2022
<b>Duration of Project</b>	July,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Bayer Crop Science Limited, Mohali
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	2,27,500
	25% Inst. charges for CAU's office	87,500
	10% Emergent charges for o/o Director of Research	35,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,50,000</b>

**MISC. SCHEME No.34 (PC- 5187)**

<b>Name of the Scheme</b>	<b>Bio-efficacy evaluation of Tebuconazole 430 G/L SC against leaf/neck blast of rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,50,000/-</b>
<b>Year of Start</b>	August, 2022
<b>Duration of Project</b>	July,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Bayer Crop Science Limited, Mohali
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	2,27,500
	25% Inst. charges for CAU's office	87,500
	10% Emergent charges for o/o Director of Research	35,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,50,000</b>

**MISC. SCHEME No. 35 (PC- 5189)**

<b>Name of the Scheme</b>	<b>Bio-efficacy evaluation of Isotianil 120 G/L + Trifloxystrobin 100 G/L SC against bacterial leaf blight &amp; leaf/neck blast of rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.7,50,000/-</b>
<b>Year of Start</b>	August, 2022
<b>Duration of Project</b>	July,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Bayer Crop Science Limited, Mohali
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual services</b>	2,24,400
	One Research Fellow @ Rs.17,000/- p.m.+ 20% HRA (11 months)	
	Recurring Contingency	2,63,100
	25% Inst. charges for CAU's office	1,87,500
	10% Emergent charges for o/o Director of Research	75,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>7,50,000</b>

**MISC. SCHEME No. 36 (PC- 5190)**

<b>Name of the Scheme</b>	<b>Bio-efficacy evaluation of propineb 70% WG against leaf/neck blast and brown leaf spot disease of rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.7,50,000/-</b>
<b>Year of Start</b>	August, 2022
<b>Duration of Project</b>	July,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Bayer Crop Science Limited, Mohali
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual services</b>	2,24,400
	One Research Fellow @ Rs.17,000/- p.m.+ 20% HRA (11 months)	
	Recurring Contingency	2,63,100
	25% Inst. charges for CAU's office	1,87,500
	10% Emergent charges for o/o Director of Research	75,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>7,50,000</b>

**MISC. SCHEME No. 37 (PC- 5191)**

<b>Name of the Scheme</b>	<b>Bio-efficacy evaluation of Trifloxystrobin 500 G/L SC against dirty panicle of rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,50,000/-</b>
<b>Year of Start</b>	August, 2022
<b>Duration of Project</b>	July,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Bayer Crop Science Limited, Mohali
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	2,27,500
	25% Inst. charges for CAU's office	87,500
	10% Emergent charges for o/o Director of Research	35,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,50,000</b>

**MISC. SCHEME No. 38 (PC- 5216)**

<b>Name of the Scheme</b>	<b>Bio-efficacy and phytotoxicity evaluation of Kocide 3000 (copper hydroxide 46.1%) on potato through drone application</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,00,000/-</b>
<b>Year of Start</b>	December, 2022
<b>Duration of Project</b>	November,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Bharat Certis Agriscience Limited, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	-
●	<b>Pay of Establishment</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	1,30,000
	25% Inst. charges for CAU's office	50,000
	10% Emergent charges for o/o Director of Research	20,000
	<b>Total</b>	<b>2,00,000</b>

**MISC. SCHEME No. 39 (PC- 5223)**

<b>Name of the Scheme</b>	<b>Bio-efficacy evaluation of IIF-222 against sheath blight, brown spot, false smut and grain discoloration of rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,50,000/-</b>
<b>Year of Start</b>	December, 2022
<b>Duration of Project</b>	November,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Indofill Industries Limited, Mumbai
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	5,85,000
	25% Inst. charges for CAU's office	-
	10% Emergent charges for o/o Director of Research	65,000
	<b>Total</b>	<b>6,50,000</b>

**MISC. SCHEME No. 40 (PC- 5224)**

<b>Name of the Scheme</b>	<b>Bio-efficacy and phytotoxicity evaluation of fungicides against yellow Rust, Rust and Powdery Mildew of wheat</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,50,000/-</b>
<b>Year of Start</b>	December, 2022
<b>Duration of Project</b>	November,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Pathology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Rainbow Agrisciences Private Limited, Mumbai
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
●	<b>Pay of Officers</b>
	-
●	<b>Pay of Establishment</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	3,57,500
	25% Inst. charges for CAU's office	1,37,500
	10% Emergent charges for o/o Director of Research	55,000
	<b>Total</b>	<b>5,50,000</b>



**MISC. SCHEME No. 41 (PC-5155)**

<b>Name of the Scheme</b>	<b>Evaluation of Dharti Ka Chowkidar and Jaivik Kranti in transplanted rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,00,000/-</b>
<b>Year of Start</b>	2022
<b>Duration of Project</b>	Two years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, School of Organic Farming, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Patanjali Organic Research institute, Haridwar
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	1,95,000
	25% Inst. charges for CAU's office	75,000
	10% Emergent charges for o/o Director of Research	30,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,00,000</b>

**MISC. SCHEME No. 42 (PC-5177)**

<b>Name of the Scheme</b>	<b>Evaluation of Mifco green Kranti (Organic fertilizer) in Basmati rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	September,2023
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, School of Organic Farming, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by The Malwa Industrial and Marketing Ferti-chem, Cooperative Society Limited Dugal Khurd, Patiala
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	97,500
	25% Inst. charges for CAU's office	37,500
	10% Emergent charges for o/o Director of Research	15,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,50,000</b>

**MISC. SCHEME No. 43 (PC-5193)**

<b>Name of the Scheme</b>	<b>Evaluation of AGMA-Foliar (Brand Name : Kazuki Gold) in transplanted rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, School of Organic Farming, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Agma Energy Private Limited, Ahmedabad
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	97,500
	25% Inst. charges for CAU's office	37,500
	10% Emergent charges for o/o Director of Research	15,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,50,000</b>

**MISC. SCHEME No. 44 (PC-5194)**

<b>Name of the Scheme</b>	<b>Evaluation of fermented organic manure (FOM) in potato</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	January, 2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, School of Organic Farming, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Indian Oil Corporation Limited, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	97,500
	25% Inst. charges for CAU's office	37,500
	10% Emergent charges for o/o Director of Research	15,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,50,000</b>

**MISC. SCHEME No. 45 (PC-5195)**

<b>Name of the Scheme</b>	<b>Response of transplanted rice to Agma Biostimulant Granule (k Max Super)</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, School of Organic Farming, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Agma Energy Private Limited, Ahmedabad
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	97,500
	25% Inst. charges for CAU's office	37,500
	10% Emergent charges for o/o Director of Research	15,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,50,000</b>

**MISC. SCHEME No. 46 (PC-5218)**

<b>Name of the Scheme</b>	<b>Evaluation of all rounder plus decomposer for rice residue management in wheat</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, School of Organic Farming, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by MD BIOCOALS Private Limited, Sirsa
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	97,500
	25% Inst. charges for CAU's office	37,500
	10% Emergent charges for o/o Director of Research	15,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,50,000</b>

**MISC. SCHEME No. 47 (PC-5230)**

<b>Name of the Scheme</b>	<b>Evaluation of fermented organic manure in summer moong</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	August,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, School of Organic Farming, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Indian Oil Corporation Limited, New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	97,500
	25% Inst. charges for CAU's office	37,500
	10% Emergent charges for o/o Director of Research	15,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>1,50,000</b>

**MISC. SCHEME No. 48 (PC- 4086 )**

<b>Name of the Scheme</b>	<b>Evaluation of rice hybrids</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.14,51,250/-</b>
<b>Year of Start</b>	2012
<b>Duration of Project</b>	31.03.2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Plant Breeding & Genetics, PAU/ Director of Research, PAU
<b>Source of Funding</b>	100% by Private companies
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual services</b>	10,75,000
	One Senior Research Fellow @ Rs.25,000/- p.m. fixed + 20% HRA	
	One Sr. Field/Lab. Helper @ Rs.11,585/- p.m. fixed	
	Four Jr. Field/Lab. Helpers @ Rs.9,908/- p.m. fixed (one post at KVK, Rauni and one post at Regional Research Station, Gurdaspur)	
	Travelling Allowance	-
	Recurring Contingency (chemicals, glassware, wages, travel, POL, inputs like weedicides, fungicides, insecticides etc.)	-
	Office Contingency	-
	Wages	-
	25% Inst. charges for CAU's office	2,68,750
	10% Emergent charges for o/o Director of Research	1,07,500
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>14,51,250</b>

**Note :** Expenditure will be incurred on receipt of funds from the funding agency.



**MISC. SCHEME No. 49(PC- 4743)**

<b>Name of the Scheme</b>	<b>Productivity assessment of private sector maize hybrid</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.7,46,550/-</b>
<b>Year of Start</b>	2018-19
<b>Duration of Project</b>	Upto 31.03.2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Plant Breeding & Genetics, PAU/ Director of Research, PAU
<b>Source of Funding</b>	100% by Private companies
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual services</b>	5,53,000
	Four Jr. Field/Lab. Helpers @ Rs.9,908/- p.m. fixed	
	Travelling Allowance	-
	Recurring Contingency	-
	Office Contingency	-
	Wages	-
	25% Inst. charges for CAU's office	1,38,250
	10% Emergent charges for o/o Director of Research	55,300
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>7,46,550</b>

**Note :** Expenditure will be incurred on receipt of funds from the funding agency.

**MISC. SCHEME No. 50 (PC- 4819)**

<b>Name of the Scheme</b>	<b>Evaluation of maize hybrids developed by private sector during kharif</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.5,60,250/-</b>
<b>Year of Start</b>	2019-20
<b>Duration of Project</b>	(upto 31.03.2024)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Plant Breeding & Genetics, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Private companies
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual services</b>	4,15,000
	Three Jr. Field/Lab. Helpers @ Rs.9,908/- p.m. fixed	
	Travelling Allowance	-
	Recurring Contingency	-
	Office Contingency	-
	Wages	-
	25% Inst. charges for CAU's office	1,03,750
	10% Emergent charges for o/o Director of Research	41,500
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>5,60,250</b>

**Note :** Expenditure will be incurred on receipt of funds from the funding agency.

**MISC. SCHEME No. 51 (PC- 4992)**

<b>Name of the Scheme</b>	<b>Evaluation of Corn hybrid</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,23,700/-</b>
<b>Year of Start</b>	2020-21
<b>Duration of Project</b>	31.03.2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Plant Breeding & Genetics, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Private companies
<b>Income, if any</b>	-

**Statement of Cost for the year 2023-24**

<b>PRIMARY UNIT</b>	
<b>● Pay of Officers</b>	
	-
<b>● Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual services</b>	4,62,000
	Two Senior Field/Lab. Helpers @ Rs.11,585/- p.m. fixed	
	One Jr. Field/Lab. Helper @ Rs.9,908/- p.m. fixed	
	Travelling Allowance	-
	Recurring Contingency	-
	Office Contingency	-
	Wages	-
	25% Inst. charges for CAU's office	1,15,500
	10% Emergent charges for o/o Director of Research	46,200
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>6,23,700</b>

**Note :** Expenditure will be incurred on receipt of funds from the funding agency.

**MISC. SCHEME No. 52 (PC- 5205)**

<b>Name of the Scheme</b>	<b>Evaluation of hybrids under direct seeded rice</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,87,650/-</b>
<b>Year of Start</b>	2022
<b>Duration of Project</b>	Upto 31.03.2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Breeding & Genetics, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by M/s Bayer Crop Science Limited, Jalandhar
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	1,39,000
	One Junior Field/Lab. Helper @ Rs.9,908/- p.m. fixed	
	Travelling Allowance	-
	Recurring Contingency	-
	25% Inst. charges for CAU's office	34,750
	10% Emergent charges for o/o Director of Research	13,900
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>1,87,650</b>

**MISC. SCHEME No. 53 (PC- 5161)**

<b>Name of the Scheme</b>	<b>Evaluation of crop safety of Pyriproxyfen 10 EC in cotton through drone application</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	31.03.2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Entomology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by M/s Sumitomo Chemical India Limited, Mumbai
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	1,50,000
	One Senior Field/Lab. Helper @ Rs.11,585/- p.m. fixed	
	Travelling Allowance	12,500
	Recurring Contingency	-
	25% Inst. charges for CAU's office	62,500
	10% Emergent charges for o/o Director of Research	25,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,50,000</b>

**MISC. SCHEME No. 54 (PC- 5162)**

<b>Name of the Scheme</b>	<b>Evaluation of crop safety of Fenpropathrin 10 EC in cotton through drone application</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	31.03.2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Entomology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by M/s Sumitomo Chemical India Limited, Mumbai
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	10,000
	Recurring Contingency including POL/wages/hiring of vehicles etc.	1,52,500
	25% Inst. charges for CAU's office	62,500
	10% Emergent charges for o/o Director of Research	25,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>2,50,000</b>

**MISC. SCHEME No. 55 (PC- 5165)**

<b>Name of the Scheme</b>	<b>Bioefficacy of Kalichakra L and Daman L against fall armyworm (<i>Spodoptera frugiperda</i>) in maize</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,88,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	31.03.2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Entomology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by IPL Biologicals Limited, Gurgaon
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	One Junior Field/Lab Helper @ Rs.9,908/- p.m.	72,000
	Travelling Allowance	-
	Recurring Contingency.	1,15,200
	25% Inst. charges for CAU's office	72,000
	10% Emergent charges for o/o Director of Research	28,800
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>2,88,000</b>

**MISC. SCHEME No. 56 (PC- 5174)**

<b>Name of the Scheme</b>	<b>PB Knot- An innovative approach to manage pink bollworm in cotton</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.7,34,600/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Two years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Entomology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by M/s P.I. Industries Limited, Haryana
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	2,87,680
	One Research Fellow @ Rs.31,000/- + 16% HRA	
	Travelling Allowance	-
	Recurring Contingency including consumables, POL, plasticware, chemical, glassware, seeds etc.	3,00,000
	15% Inst. charges for CAU's office	88,152
	10% Emergent charges for o/o Director of Research	58,768
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>7,34,600</b>



**MISC. SCHEME No. 57 (PC- 5220)**

<b>Name of the Scheme</b>	<b>Bio-efficacy and phytotoxicity of A3R-1 19% w/v SC (triflumenzopyrim + benzyrimoxan) against rice planthoppers</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,00,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Three years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Entomology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by M/s Corteva Agriscience India Private Limited, Hyderabad
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	1,95,000
	One Senior Field/Lab. Helper @ Rs11,585/- p.m. fixed	
	Travelling Allowance	-
	Recurring Contingency	-
	25% Inst. charges for CAU's office	75,000
	10% Emergent charges for o/o Director of Research	30,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>3,00,000</b>

**MISC. SCHEME No. 58 (PC- 5158)**

<b>Name of the Scheme</b>	<b>Nitrogen management in rice-wheat and maize wheat cropping system</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.6,61,250/-</b>
<b>Year of Start</b>	June,2022
<b>Duration of Project</b>	May, 2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Soil Science, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by The Energy and Resources Institute (TERI), New Delhi
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	2,64,000
	Two Junior Field/Lab. Helpers @ Rs.9,908/- p.m. fixed	
	<b>Recurring Contingency</b>	2,00,000
	(Operational expenses, input costs, POL, DPLs, chemicals, office contingencies, report writing, consumables etc.)	
	<b>Travelling Allowance/Dearness Allowance</b>	15,000
	15% Inst. charges for CAU's office	79,350
	10% Emergent charges for o/o Director of Research	52,900
<b>III.</b>	<b>Capital Expenditure</b>	
	<b>Non-Recurring Contingency</b> (MacBook with extended warranty, software's, two study/computer tables and chairs etc.)	50,000
	<b>Total</b>	<b>6,61,250</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC. SCHEME No. 59 (PC- 5163)**

<b>Name of the Scheme</b>	<b>Evaluation of some NPK grade fertilizers on the productivity of different cropping systems and on soil health</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.11,14,832/-</b>
<b>Year of Start</b>	June,2022
<b>Duration of Project</b>	May, 2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Soil Science, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Gujarat Narmada Valley Fertilizers Company Limited (GNEC), Bharuch (Gujarat)
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	6,91,866
	One Senior Research Fellow @ Rs.31,000/- p.m. fixed + 16% HRA	
	Two Junior Field/Lab. Helpers @ Rs.9,908/- p.m. fixed	
	<b>Recurring Contingency</b>	2,00,000
	(Operational expenses, input costs, POL, DPLs, chemicals, office contingencies, report writing, consumables etc.)	
	<b>Travelling Allowance/Dearness Allowance</b>	-
	15% Inst. charges for CAU's office	1,33,780
	10% Emergent charges for o/o Director of Research	89,186
<b>III.</b>	<b>Capital Expenditure</b>	
	<b>Non-Recurring Contingency</b>	-
	<b>Total</b>	<b>11,14,832</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC. SCHEME No. 60 (PC- 5185)**

<b>Name of the Scheme</b>	<b>Evaluation of efficacy of ambition complete as liquid fertilizers transplanted rice crop</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,00,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Soil Science, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Bayer Crop Science Limited, Thane
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	1,45,000
	One Junior Field/Lab. Helpers @ Rs.9,908/- p.m. fixed	
	Recurring Contingency	55,000
	Travelling Allowance/Dearness Allowance	-
	15% Inst. charges for CAU's office	-
	10% Emergent charges for o/o Director of Research	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>2,00,000</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC. SCHEME No. 61 (PC- 5214)**

<b>Name of the Scheme</b>	<b>Evaluation of efficacy of nano DAP on wheat crop</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,67,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Soil Science, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Coromandel International Limited, Telangana
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	2,36,640
	One Junior Research Fellow @ Rs.17,000/- + 16% HRA	
	Recurring Contingency	30,360
	Travelling Allowance/Dearness Allowance	-
	15% Inst. charges for CAU's office	-
	10% Emergent charges for o/o Director of Research	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>2,67,000</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC. SCHEME No.62 (PC- 5122)**

<b>Name of the Scheme</b>	<b>Development of the Hermetic System for safe storage of Agriculture Produce without using Hazardous chemicals</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.1,81,000/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	2022-23(18 months)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Processing & Food Engineering, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Society for Mission Tandrut Punjab, SAS Nagar
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	75,000
	One Young Professional @ Rs.25,000/- p.m. fixed	
	Establishment of One Cocoon based grain store	25,000
	Procurement of raw material	75,000
	Working contingency	6,000
	15% Inst. charges for CAU's office	-
	10% Emergent charges for o/o Director of Research	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>1,81,000</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC. SCHEME No. 63 (PC- 5123)**

<b>Name of the Scheme</b>	<b>Development of Sensor platform for Rapid Detection of Adulteration in Turmeric Powder</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.95,100/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	2022-23(22.06.2023)
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Processing & Food Engineering, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Society for Mission Tandrut Punjab, SAS Nagar
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual services</b>	75,000
	One Young Professional @ Rs.25,000/- p.m. fixed	
	<b>Equipment</b>	10,000
	FTIR Spectrometer, minor equipment	
	<b>Consumables</b>	600
	<b>Travel</b>	9,000
	<b>Contingency including DPL etc.</b>	500
	15% Inst. charges for CAU's office	-
	10% Emergent charges for o/o Director of Research	-
<b>III.</b>	<b>Capital Expenditure</b>	
	<b>Non-Recurring Contingency</b>	-
	<b>Total</b>	<b>95,100</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC. SCHEME No.64 (PC- 5138)**

<b>Name of the Scheme</b>	<b>Resource institution for Capacity Building &amp; Research under Prime Minister Formalization of Micro Food Enterprises in the State of Punjab</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,00,000/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Processing & Food Engineering, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Punjab Agro Industries Corporation Limited, Chandigarh
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	-
● <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	18,000
	One Assistant cum Coordinator @ Rs.18,000/- p.m. fixed	
	Conduct of training of beneficiaries in different districts of Punjab by SLTI (approximately 15 trainings)	3,40,000
	i) Honorarium for Resource Person @ Rs.3000/- for 2 hours lecture an Rs.1500/- one time for PPT (per person)	
	ii) Honorarium for coordinator @ Rs.5000/- per person and per training	
	iii) Serving food and tea @ Rs.150/- per person	
	iv) Exposer visit	
	v) Purchase of material for practicable demonstration	
	TA/DA/travel (hiring of vehicles)	31,000
	Contingency	11,000
	i) Banners, publication material	
	ii) Registration kit for training	
	iii) Consumables	
	iv) Hospitality for resource person/guest	
	v) Night stay charges at PAU Guest House	
	15% Inst. charges for CAU's office	-
	10% Emergent charges for o/o Director of Research	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>4,00,000</b>

**Note :** Expenditure will be incurred on receipt of funds.



**MISC. SCHEME No. 65 (PC- 4985)**

<b>Name of the Scheme</b>	<b>Conservation, improvement, management and promotion of sandalwood (<i>Santalum album Lin</i>) cultivation in India</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.7,18,300/-</b>
<b>Year of Start</b>	2020-21
<b>Duration of Project</b>	Five years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Head, Department of Forestry & Natural Resources, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Indian Council of Forestry Research & Education (ICFRE), Dehradun
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	-
● <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual services</b> One Research Fellow @ Rs.25,000/- + 20% HRA for first two years @ Rs.28,000/- + 20% HRA for 3 <sup>rd</sup> year	4,03,200
	Travelling Allowance	50,000
	Recurring Contingency	1,99,800
	Office Contingency	-
	Wages	-
	15% Inst. charges for CAU's office	39,180
	10% Emergent charges for o/o Director of Research	26,120
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>7,18,300</b>

**Note :** Expenditure will be incurred on receipt of funds from the funding agency.

**MISC. SCHEME No.66 (PC- 5100)**

<b>Name of the Scheme</b>	<b>Assessing potential of genetically improved casuarina germplasm for commercial cultivation in Punjab</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,27,900/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Three years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Forestry & Natural Resources, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Chief Conservation of Forests, SAS Nagar
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	2,64,000
	Two Junior Field/Lab. Helpers @ Rs.9,908/- p.m. fixed	
	Recurring Contingency	1,00,000
	Travelling Allowance/POL charges	25,000
	25% Inst. charges for CAU's office	23,400
	10% Emergent charges for o/o Director of Research	15,500
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>4,27,900</b>

**Note :** Expenditure will be incurred on receipt of funds

**MISC. SCHEME No.67 (PC-5236)**

<b>Name of the Scheme</b>	<b>Bioefficacy evaluation of spirotetramat 15.31% w/w OD against mealybugs and mites in grapes</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,60,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Fruit Science, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Tagros Chemicals India Private Limited, Chennai
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency (purchase of chemicals and hiring of vehicle to monitor the trials in other districts)	2,99,000
	25% Inst. charges for CAU's office	1,15,000
	10% Emergent charges for o/o Director of Research	46,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>4,60,000</b>

**MISC. SCHEME No. 68 (PC- 5166)**

<b>Name of the Scheme</b>	<b>Evaluation of Brodifacoum 0.005% BB on rice and sugarcane</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.50,000/-</b>
<b>Year of Start</b>	2022-23
<b>Duration of Project</b>	Two years
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Zoology, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Syngenta India Limited, Pune
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring Contingency	50,000
	Travelling Allowance/Dearness Allowance	-
	25% Inst. charges for CAU's office	-
	10% Emergent charges for o/o Director of Research	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>50,000</b>

**Note :** Expenditure will be incurred upto available unspent funds as per AUC for the year 2022-23.

**MISC. SCHEME No. 69 (PC- 5132)**

<b>Name of the Scheme</b>	<b>Bioefficacy, phytotoxicity evaluation of rallis new granular insecticide pre-mixture, RIL-281/CF(1% Gr) against early shoot borer and white grub in sugarcane</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.3,10,000/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	Upto 2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Director, Regional Research Station, Kapurthala/Director of Research, PAU
<b>Source of Funding</b>	100% by M/s Rallis India Limited, Bangalore
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Labour charges	1,30,000
	Pesticides/diesel/fertilizers/seed cane/plasticware/jowar mixture	30,000
	Hiring of vehicle	20,000
	Charts/flex, label, pamphlet etc.	30,000
	Office contingency	30,000
	Travelling Allowance	50,000
	Registration fee	20,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>3,10,000</b>

**MISC. SCHEME No. 70 (PC-4561)**

<b>Name of the Scheme</b>	<b>Manjeet S.Chinnan and Lata Mahajan Chinnan Endowment for promoting Excellence in Academics and Sports at PAU and establishing “Manjeet S.Chinnan distinguished Professor Chairs”.</b>
<b>Budget Estimates 2023-24</b>	<b>Rs. 2,47,000/-</b>
<b>Year of Start</b>	2015-16
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Dean, College of Agricultural Engineering & Technology, PAU
<b>Source of Funding</b>	To be funded from the interest earned under Manjeet S.Chinnan and Lata Mahajan Chinnan Endowment Fund
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	-
● <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
<b>Director Students' Welfare</b>		
	Lata Mahajan Chinnan Cash Award for 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> Best Athlete (Girls) i.e. Rs.5,000/-, Rs.3,000/- and Rs.1,000/- respectively	9,000
	A Sports Scholarship in the name of Lata Mahajan Chinnan for five sports women @ Rs.1000/- per month	60,000
	Lata Mahajan Chinnan Gold Medal	3,000
	<b>Total</b>	<b>72,000</b>

<b>Dean, College of Agricultural Engineering &amp; Technology</b>		
	5 Professorial chairs @ Rs.25,000/- per annum bestowed to 1) Dr.Rajan Agarwal, Principal Scientist, Deptt. of Soil & Water Engineering 2) Dr.Poonam Sachdev, Principal Food Technologist (Veg.), Deptt. of Food Science & Technology 3) Dr.Ajmer Singh Brar, Head, Department of Soil Science 4) yet to be nominated 5) yet to be nominated	1,25,000
	Additional funds for eminent scientists from different institutions to deliver lectures on “Recent advance in Science in various disciplines and important issues in Agriculture”.	40,000
	<b>Total</b>	<b>1,65,000</b>
<b>Dean, Postgraduate Studies</b>		
	Travelling Allowance (To meet expenses for Postgraduate students, travel for attending symposia, seminars and conferences etc. @ Rs.2,000/- per student)	10,000
	<b>Total</b>	<b>10,000</b>
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Grand Total :(Rs.72,000/- + Rs.1,65,000/- +Rs.10,000/-)</b>	<b>2,47,000</b>

**Note :** Expenditure will be incurred on actual interest accrued during the year 2022-23.

**MISC. SCHEME No. 71 (PC-4002)**

<b>Name of the Scheme</b>	<b>National Service Scheme, PAU</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.4,46,600/-</b>
<b>Year of Start</b>	1970-71
<b>Duration of Project</b>	Continuous nature
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Ludhiana/ Director Students' Welfare, PAU
<b>Source of Funding</b>	7:5 ratio by Govt. of India/Punjab Govt.
<b>Income, if any</b>	-
<b>Statement of Cost for the year 2023-24</b>	
<b>PRIMARY UNIT</b>	
• <b>Pay of Officers</b>	-
• <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Office Contingency	
	(i) Special camping programme expenditure for organising 10 Days Special NSS Camps for allocated NSS students volunteer strength of the University @ Rs.450/- per student per year as per Director Youth Services (PB) Memo No.DYS(Cashier)2018/9559-74 dated 25.10.2018 on yearly basis towards boarding, lodging and transportation expenses etc. of campers in adopted villages/areas as per guidelines for 638 students (638 x 450).	2,87,100
	(ii) Regular NSS Activity Programme of One Day NSS Camps to complete compulsory 120 hours of NSS work of each enrolled student in a year for allocated strength of 638 NSS volunteers @ Rs.250/- per student per year as per financial provision for the programme on yearly basis to cover expenses for implementation of the programme/ Programme Development including University/Colleges level administrative of establishment expenses out of pocket allowance etc. of the Programme Co-ordinator, NSS Programme Officers at College level on part-time duty, clerical assistance/Class IV assistance, stationery, TA/DA. Refreshments to students for one day camps, purchase/repair of NSS equipment etc. as per guidelines of the NSS Manual (GOI,1987).	1,59,500
	<b>Total</b>	<b>4,46,600</b>

**Note : Expenditure will be incurred on receipt of funds from the funding agency.**



**MISC.(FC) SCHEME No. 1 (PC- 5511)**

<b>Name of the Scheme</b>	HarvestPlus challenge program Phase IV Agreement # 6408 research project “Biofortified wheat for improved human nutrition”
<b>Budget Estimates 2023-24</b>	<b>Rs.20,00,000/-</b>
<b>Year of Start</b>	2009-10
<b>Duration of Project</b>	October,2023
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Breeding & Genetics, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by HarvestPlus through CIAT, Columbia and IFPRI, USA
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	-
● <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b> Six Senior Field/Lab. Helpers @ Rs.11,585/- p.m. fixed Two Junior Field/Lab. Helpers @ Rs.9,908/- p.m. fixed	7,39,130
	Travelling Allowance	-
	Operational expenses, facilities and materials/supplies (including wages consumables, laboratory testing charges for mineral content, Repair & AMC of XRF)	10,00,000
	15% Inst. Charges for CAU's office	1,56,520
	10% Emergent charges for o/o Director of Research	1,04,350
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency /equipment	-
	<b>Total</b>	<b>20,00,000</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC.(FC) SCHEME No. 2 (PC- 5512)**

<b>Name of the Scheme</b>	HarvestPlus zinc fertilizer project, “Use of zinc containing fertilizers for enriching cereal grains with zinc and improving yield in different countries
<b>Budget Estimates 2023-24</b>	<b>Rs.15,00,000/-</b>
<b>Year of Start</b>	2009-10
<b>Duration of Project</b>	March,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Breeding & Genetics, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by HarvestPlus through Sabanci University, Turkey
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	-
● <b>Pay of Establishment</b>	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	6,00,000
	One Research Fellow @ Rs.24,000/- p.m.+ 20% HRA	
	Two Senior Field/Lab. Helpers @ Rs.11,585/- p.m. fixed	
	One Junior Field/Lab. Helper @ Rs.9,908/- p.m. fixed	
	Travelling Allowance	24,300
	Operational expenses (including wages, consumables, laboratory testing charges for grain mineral content estimation renovation of field store)	5,80,000
	15% Inst. Charges for CAU's office	1,17,400
	10% Emergent charges for o/o Director of Research	78,300
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency (Equipment/minor work) (Tractor, reaper, weighing balance, plot thresher, self propelled walk behind boom sprayer, infrared thermometer, leaf area meter UPS, printer, scanner, computer & peripheral)	1,00,000
	<b>Total</b>	<b>15,00,000</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC.(FC) SCHEME No. 3 (PC- 5540)**

<b>Name of the Scheme</b>	<b>Direct Seeded Rice Consortium</b>
<b>Budget Estimates 2023-24</b>	<b>Rs.2,62,500/-</b>
<b>Year of Start</b>	2019-20
<b>Duration of Project</b>	31.12.2023
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Breeding & Genetics, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by IRRI, Philippines
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	2,10,000
	Two Junior Field Helpers @ Rs.9,908/- p.m. fixed	
	Recurring Contingency	-
	Travelling Allowance	-
	15% Inst. Charges for CAU's office	31,500
	10% Emergent charges for o/o Director of Research	21,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>2,62,500</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC.(FC) SCHEME No. 4 (PC- 5543)**

<b>Name of the Scheme</b>		<b>Accelerating Genetic Grain in Maize and Whet for improved livelihoods (AGG)</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.7,50,000/-</b>
<b>Year of Start</b>		2021-22
<b>Duration of Project</b>		October,2024
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>		Head, Department of Plant Breeding & Genetics, PAU/Director of Research, PAU
<b>Source of Funding</b>		100% by BMGF through CIMMYT, Mexico
<b>Income, if any</b>		-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	3,37,500
	Two Senior Field/Lab. Helpers @ Rs.11,585/- p.m. fixed	
	One Junior Field/Lab. Helper @ Rs.9,908/- p.m. fixed	
	Travelling Allowance	-
	Operational expenses	3,00,000
	15% Inst. Charges for CAU's office	67,500
	10% Emergent charges for o/o Director of Research	45,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency /equipment	-
	<b>Total</b>	<b>7,50,000</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC.(FC) SCHEME No. 5 (PC- 5544)**

<b>Name of the Scheme</b>	Towards effective genetic and sustainable management of Ascochyta blight of chickpea
<b>Budget Estimates 2023-24</b>	<b>Rs.2,72,750/-</b>
<b>Year of Start</b>	2021-22
<b>Duration of Project</b>	2023-24
<b>Headquarter/ Drawing &amp; Disbursing Officer</b>	Head, Department of Plant Breeding & Genetics, PAU/Director of Research, PAU
<b>Source of Funding</b>	100% by Grains Research and Development Corporation –GRDC, Australia (donor) through International Center for Agricultural Research in the Dry Areas- ICARDA Regional Office for South Asia and China, New Delhi, India
<b>Income, if any</b>	-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b>PRIMARY UNIT</b>	
● <b>Pay of Officers</b>	
	-
● <b>Pay of Establishment</b>	
	-

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	1,50,000
	One Junior Field/Lab. Helper @ Rs.9,908/- p.m.fixed	
	Recurring Contingency (Wages, field inputs, consumables, repair of sprinkler set, purchase of iron cages, publication charges, registration fee of project meeting international conferences etc.	95,475
	Travelling Allowance	-
	15% Inst. Charges for CAU's office	16,365
	10% Emergent charges for o/o Director of Research	10,910
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>2,72,750</b>

**Note :** Expenditure will be incurred on receipt of funds.

**MISC.(FC) SCHEME No. 6 (PC- 5545)**

Name of the Scheme		Climate Smart Management Practices (C-2021-148)
Budget Estimates 2023-24		Rs.5,62,250/-
Year of Start		2021-22
Duration of Project		31.12.2023
Headquarter/ Drawing & Disbursing Officer		Head, Department of Plant Breeding & Genetics, PAU/Director of Research, PAU
Source of Funding		100% by IRRI, Phillipines
Income, if any		-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Contractual Services	4,49,800
	Two Senior Field/Lab. Helpers @ Rs.11,585/- p.m. fixed	
	Two Junior Field/Lab. Helpers@ Rs.9,908/- p.m. fixed	
	15% Inst. Charges for CAU's office	67,470
	10% Emergent charges for o/o Director of Research	44,980
III.	Capital Expenditure	
	Non Recurring Contingency /equipment	-
	Total	5,62,250

**Note :** Expenditure will be incurred on receipt of funds.

**MISC.(FC) SCHEME No. 7 (PC- 5546)**

Name of the Scheme		Accelerating the mainstreaming of elevated zinc in global wheat breeding: a ‘Fluoride in the water ‘approach to nutrition
Budget Estimates 2023-24		Rs.15,00,000/-
Year of Start		2021-22
Duration of Project		September,2024
Headquarter/ Drawing & Disbursing Officer		Head, Department of Plant Breeding & Genetics, PAU/Director of Research, PAU
Source of Funding		100% by BMGF % DFID through CIMMYT, Mexico
Income, if any		-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Contractual Services	7,00,000
	On Senior Research Fellows @ Rs.31,000/- p.m.+ 16% HRA for first two years and @ Rs.35,000/- p.m. + 16% HRA for third year onwards	
	Two Senior Field/Lab. Helpers @ Rs.11,585/- p.m. fixed	
	One Junior Field/Lab. Helper @ Rs.9,908/- p.m. fixed	
	Travelling Allowance	10,000
	Operational expenses	5,15,000
	15% Inst. charges for CAU’s office	1,35,000
	10% Emergent charges for o/o Director of Research	90,000
III.	Capital Expenditure	
	Non Recurring Contingency /equipment	50,000
	Total	15.00,000

**Note :** Expenditure will be incurred on receipt of funds.

**MISC.(FC) SCHEME No. 8 (PC- 5539)**

Name of the Scheme		Genetic transformation of PAP1 gene in American cotton accessions coker 312 and PAU Bt 1 for developing coloured cotton
Budget Estimates 2023-24		Rs.29,67,456/-
Year of Start		2019-20
Duration of Project		2023-24
Headquarter/ Drawing & Disbursing Officer		Director, School of Agricultural Biotechnology, PAU/Director of Research, PAU
Source of Funding		100% by Nippon Steel Trading Company Limited, Tokyo, Japan
Income, if any		-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
	Part-A : Director, School of Agricultural Biotechnology	
	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Contractual Services	18,40,526
	One Research Associate @ Rs.47,000/- p.m. fixed + 16% HRA	
	Two Junior Research Fellows @ Rs.31,000/- p.m.+ 16% HRA	
	Two Senior Field Helpers @ Rs.11,585/- p.m. fixed	
	Consumables	4,95,539
	Contingency	50,000
	25% Inst. charges for CAU’s office	1,61,861
	10% Emergent charges for o/o Director of Research	1,07,907
III.	Capital Expenditure	
	Non-Recurring Contingency	-
	Total	26,55,833

Continued..



	<b>Part-B: Department of Plant Breeding &amp; Genetics</b>	
	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	<b>-</b>
<b>II.</b>	<b>Revenue Expenditure</b>	
	<b>Contractual Services</b>	1,61,623
	One Senior Field Helper @ Rs.11,585/- p.m. fixed	
	Consumables	1,00,000
	Recurring Contingency	50,000
	25% Inst. charges for CAU’s office	-
	10% Emergent charges for o/o Director of Research	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non-Recurring Contingency	-
	<b>Total</b>	<b>3,11,623</b>
	<b>Grand Total (A+B)</b>	<b>29,67,456</b>

**Note :** Expenditure will be incurred on receipt of funds.

**SELF FINANCING SCHEME NO. 1 (PC-3036.1 & 3036.2)**

<b>Name of the Scheme</b>	<b>Self Financing Programme in College of Agriculture.</b>
<b>Budget Estimates 2023-24</b>	Rs.3,60,86,000 /- (Part-A Rs.1,60,00,000/- & Part-B Rs.2,00,86,000/-)
<b>Year of Start</b>	2008-09
<b>Duration of Project</b>	Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer/ Controlling Officer</b>	Ludhiana/ Dean College of Agriculture, PAU.
<b>Source of Funding</b>	Own Income
<b>Income, if any</b>	Rs. 7,20,00,000/-
<b><u>Statement of Cost for the year 2023-24</u></b>	
<b><u>Part-A - School of Agricultural Biotechnology</u></b>	
<b>PRIMARY UNIT</b>	
•	<b>Pay of Officers</b>
	-
•	<b>Pay of Establishment</b>
	<b>Three Adjunct Professor/Teaching Assistant (Biotechnology/Bioinformatics) (Ph.D) @Rs.40,000/- p.m. fixed. (for SAB)</b>
	<b>Three Teaching Assistant (Biotechnology) @ Rs.35,000/ p.m. fixed for M.Sc. &amp; Rs.40,000/- p.m. fixed for Ph.D.</b>
	<b>One Teaching Assistant @ Rs.35,000/ p.m. fixed for M.Sc. &amp; Rs.40,000/- p.m. fixed for Ph.D. (for Tissue Culture Lab.)</b>
	<b>One Teaching Assistant in Computer Science@ Rs.35,000/ p.m. fixed for M.Sc. &amp; Rs.40,000/- p.m. fixed for Ph.D. (for Dean COA)</b>
	<b>One Teaching Assistant (English) @ Rs.35,000/- p.m. fixed for M.Sc. &amp; Rs.40,000/- p.m. fixed for Ph.D (for Institute of Agriculture, Gurdaspur).</b>
	<b>Three Supervisor @ Rs.13,408/- p.m. fixed. (Dean COA-1, Dean PGS-2)</b>
	<b>Three General Assistant @ Rs.12,617/- p.m. fixed (Dean COA-2, SAB-1)</b>
	<b>One Junior Technician @ Rs. 10,688/- p.m. fixed (for SAB)</b>
	<b>One Junior Typing Assistant @ Rs.10,688/- p.m. fixed (for Dean COA)</b>
	<b>Two Office Helper @ Rs.9,908/-p.m. fixed (for SOAB)</b>
	<b>Two Sr. Lab./Field Helper@ Rs.11,585/- p.m. Fixed (for Tissue Culture Lab.) (For Dean COBS&amp;H)</b>
	<b>Three Teaching Assistant (Mathematics-2, Chemistry-1) @ Rs.35,000/-p.m. fixed for M.Sc. and Rs.40,000/-p.m. fixed for Ph.D.</b>
	<b>One Adjunct Faculty @ Rs.40,000/-p.m. fixed. (for Dean PGS)</b>
	<b>Five Junior Technician (Microbiology, Zoology, Biochemistry, Chemistry, Botany) @ Rs.10,688/- p.m. fixed</b>

<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b> (SOAB Rs.62,96,120/-+ COBS&H Rs.22,66,000/-)	85,62,120
<b>II.</b>	<b>Revenue Expenditure</b>	
	Recurring for honorarium of Consultant Finance	4,80,000
	Educational Tour of Students (for SAB)	4,50,000
	Recurring (for SAB)	45,07,880
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	20,00,000
	<b>Total</b>	<b>1,60,00,000</b>
<b>Part-B – Food Science &amp; Technology</b>		
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	<b>Four Teaching Assistant/ Adjunct Professor</b> @ Rs.35000/-p.m. fixed for M.Sc. & Rs.40,000/-p.m. fixed for Ph.D./ @ Rs.40,000/-p.m. fixed for Adjunct Professor (For FST)	
	<b>One Teaching Assistant</b> @ Rs.35000/-p.m. fixed for M.Sc. & Rs.40,000/-p.m. fixed for Ph.D. (For Department of EE&IT)	
	<b>One Technical Assistant</b> @ Rs.9,000/-p.m. fixed (For FST)	
	<b>One Sr. Lab. Helper</b> @ Rs.11,585/- p.m. fixed (For FST)	
	<b>Two Lab. Helper</b> @ Rs.9,908/- p.m. fixed (For FST)	
	<b>Two General Assistant</b> @ Rs.12,617/-p.m. fixed (Dean COA-1, FST-1)	
	<b>One Electrician</b> @ Rs.9,000/- p.m. fixed (for Dean COA)	
	<b>One Junior Field/Lab. Helper</b> @ Rs. 9,908/- p.m. fixed (For FST)	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	35,93,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Traveling Allowance	4,93,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	1,30,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	30,00,000
	<b>Total</b>	<b>2,00,86,000</b>
	<b>Grand Total (Part-A+ Part-B)</b>	<b>3,60,86,000</b>

**SELF FINANCING SCHEME NO. 2 (PC-3037)**

Name of the Scheme		Self Financing Programme in College of Basic Sciences & Humanities.
Budget Estimates 2023-24		Rs.1,75,00,000/-
Year of Start		2008-09
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Ludhiana/ Dean College of Basic Sciences & Humanities, PAU.
Source of Funding		Own Income
Income, if any		Rs. 3,50,00,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	Eleven Teaching Assistant @ Rs.35000/-p.m. fixed for M.Sc. & Rs.40,000/-p.m. fixed for Ph.D. (AJL&C-3, Chemistry-1, Microbiology-2, Biochemistry-2, Botany-1, Zoology-1, School of Business Studies-1)	
	One Teaching Assistant/Adjunct Faculty @ Rs.35000/-p.m. fixed for M.Sc. & Rs.40,000/-p.m. fixed for Ph.D./ @ Rs.40,000/-p.m. fixed for Adjunct Faculty(Microbiology)	
	One Adjunct Faculty @ Rs.40,000/-p.m. fixed (Dean PGS)	
	Six Office Assistant @ Rs.12,617/- p.m. fixed (One each for Dean Office, Microbiology, Biochemistry, Chemistry, Botany, Zoology)	
	Two General Assistant @ Rs.12,617/-p.m. fixed	
	One Junior Operator (Computer) @ Rs.9,908/- p.m. fixed (for computer lab)	
	Five Lab. Helper @ Rs. 9,908/- p.m. fixed (One each for Microbiology, Biochemistry, Chemistry, Botany, Zoology)	
	BUDGET ESTIMATES 2023-24	
I.	Total Salary of Staff	80,98,000
II.	Revenue Expenditure	
	Traveling Allowance	50,000
	Wages	1,50,000
	Office Contingency	-
	Recurring Contingency	75,02,000
	Merit-cum-means Fellowship	2,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	15,00,000
	Total	1,75,00,000

**SELF FINANCING SCHEME NO. 3 (PC-3038)**

Name of the Scheme		Self Financing Programme in College of Community Science.
Budget Estimates 2023-24		Rs.76,66,000/-
Year of Start		2008-09
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Ludhiana/ Dean College of Community Science, PAU.
Source of Funding		Own Income
Income, if any		Rs.1,76,86,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	Seven Teaching Assistants @ Rs.35000/-p.m. fixed for M.Sc. & Rs.40,000/-p.m. fixed for Ph.D. (F&N-7)	
	One General Assistant (Library) @ Rs.12,617/- p.m. fixed (Dean)	
	One Junior Typing Assistant @ Rs.10,688/- p.m. fixed (Dean)	
	BUDGET ESTIMATES 2022-23	
I.	Total Salary of Staff	37,66,000
II.	Revenue Expenditure	
	Traveling Allowance	-
	Wages	20,00,000
	Office Contingency	-
	Recurring Contingency	19,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	76,66,000

**SELF FINANCING SCHEME NO.4 (PC-3039)**

Name of the Scheme		Self Financing Programme in College of Agricultural Engineering & Technology.
Budget Estimates 2023-24		Rs.7,20,000/-
Year of Start		2008-09
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Ludhiana/ Head, Department of Soil & Water Engineering/ Dean College of Agricultural Engineering & Technology, PAU.
Source of Funding		Own Income
Income, if any		Rs.1,65,115/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	One Teaching Assistant@ Rs.35,000/-p.m. fixed	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	4,20,000
II.	Revenue Expenditure	
	Travel Expenses (Institutional visit for M.Tech. Students)	1,00,000
	Wages	-
	Office Contingency	-
	Recurring Contingency (For augmentation and updating of teaching facilities in view of advances in various equipments/ techniques and purchase of additional items & accessories etc. for smooth functioning of the programme.)	2,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	7,20,000

**SELF FINANCING SCHEME NO. 5 (PC-3040)**

Name of the Scheme		Self Financing Programme in School of Electrical Engineering& Information Technology.
Budget Estimates 2023-24		Rs.32,06,086/-
Year of Start		2009-10
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Ludhiana/ HOD Electrical Engineering & Information Technology/ Dean College of Agricultural Engineering & Technology, PAU.
Source of Funding		Own Income
Income, if any		Rs.44,00,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
•	Pay of Officers	
	-	
•	Pay of Establishment	
	One Teaching Assistant@ Rs.35000/-p.m. fixed	
	Two Assistant Programmer @ Rs.35000/- p.m. fixed	
	One Supervisor @ Rs.12,277/- p.m. fixed	
	Two Graduate Assistant @ Rs.13,408/- p.m. fixed	
	One General Assistant @ Rs.12,617/- p.m. fixed	
	One Web Assistant @ Rs.10,000/- p.m. fixed	
	Five Network Supervisor @ Rs.13,408/- p.m. fixed	
	One Supervisor (Computer) @ Rs.8,000/- p.m. fixed	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	24,36,086
II.	Revenue Expenditure	
	Traveling Allowance	-
	Wages (Payment of DPLs’ +ESIC+ EPF+ Admn. Charges engaged for Labs/ Network Field & Renovation Works etc.)	6,60,000
	Office Contingency	-
	Recurring Contingency (For augmentation and updating of teaching facilities in view of advances in various computers/ equipment techniques, travel expenses, annual maintenance contract, purchase of additional items and accessories.)	1,10,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	32.06.086

**REVOLVING FUND SCHEME NO. 1 (PC-3097)**

Name of the Scheme		Experiential Learning in College of Home Science.
Budget Estimates 2023-24		Rs.5,85,000/-
Year of Start		2012-13
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Ludhiana/ Dean, College of Community Science, PAU.
Source of Funding		Own Income
Income, if any		Rs. 11,70,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	3,35,000
	Office Contingency	-
	Recurring Contingency	2,50,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	5,85,000



**REVOLVING FUND SCHEME NO. 2 (PC-3098)**

Name of the Scheme		Sale of PAU Fruit Fly Traps.
Budget Estimates 2023-24		Rs.17,15,000/-
Year of Start		2013-14
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Ludhiana/ HOD, Fruit Science/ Director of Research, PAU.
Source of Funding		Own Income
Income, if any		Rs. 15,00,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	One Jr. Lab/Field Helper @ Rs. 9,908/- p.m. fixed	
	One Sr. Lab/Field Helper @ Rs.11,585/- p.m. fixed	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	3,25,000
II.	Revenue Expenditure	
	Travelling Allowance	40,000
	Wages	-
	Office Contingency	-
	Recurring Contingency (for the purchase of chemicals, plywood, bottles, polythene carry bags, stickers & Rs.2,00,000/- for GST Refund)	13,50,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	17,15,000

**REVOLVING FUND SCHEME NO. 3 (PC-3099)**

Name of the Scheme		Seed Production at KVK Pathankot.
Budget Estimates 2023-24		Rs.15,00,000/-
Year of Start		2014-15
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		KVK Pathankot/ Deputy Director (Training) KVK Pathankot/ Director Extension Education, PAU.
Source of Funding		Own Income
Income, if any		Rs.9,00,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	10,50,000
	Office Contingency	-
	Recurring Contingency	4,50,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	15,00,000

**REVOLVING FUND SCHEME NO. 4 (PC-3101)**

<b>Name of the Scheme</b>		<b>Sale of Seedlings of Vegetable Crops.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.12,50,000/-</b>
<b>Year of Start</b>		2014-15
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer/ Controlling Officer</b>		Ludhiana/ HOD, Vegetable Science/ Director of Research, PAU.
<b>Source of Funding</b>		Own Income
<b>Income, if any</b>		Rs.25,00,000/-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	12,50,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>12,50,000</b>

**REVOLVING FUND SCHEME NO. 5 (PC-3102)**

Name of the Scheme		Promoting and Popularizing PAU Appliances based on utilization for Solar Energy.
Budget Estimates 2023-24		Rs.1,50,000/-
Year of Start		2014-15
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Ludhiana/ HOD, Renewable Energy Engineering/ Director of Research, PAU.
Source of Funding		Own Income
Income, if any		Rs. 1,65,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	-
III.	Capital Expenditure	
	Non Recurring Contingency	1,50,000
	Total	1,50,000

**REVOLVING FUND SCHEME NO. 6 (PC-3103)**

Name of the Scheme		Food Processing and Business Incubation Centre at Regional Station Bathinda.
Budget Estimates 2023-24		Rs.5,00,000/-
Year of Start		2015-16
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		RS, Bathinda/ Director Regional Station Bathinda/ Director of Research, PAU.
Source of Funding		Own Income
Income, if any		Rs.1,00,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	5,00,000

**REVOLVING FUND SCHEME NO. 7 (PC-3104)**

Name of the Scheme		Research Station, Dyal Bhadang, Amritsar.
Budget Estimates 2023-24		Rs.63,00,000/-
Year of Start		2016-17
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		RS Dyal Bhadang/ Director, Research Station Dyal Bhadang/ Director of Research, PAU.
Source of Funding		Own Income
Income, if any		Rs.48,00,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	One Agronomist in Rs. 15600-39100+ AGP 6000/7000/8000 Filled	
	One Plant Breeder in Rs. 15600-39100+ AGP 6000/7000/8000 Vacant	
●	Pay of Establishment	
	One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA(50:50) respectively Vacant	
	One Farm Manager in Rs. 9300-34800+ GP 4200 Vacant	
	One Agricultural Sub Inspector (Tech. G-III Field) in Rs. 10300-34800+ GP 3200/4200 Vacant	
	One Tractor Driver in Rs.5200-20200+ GP 2000+ SA 1000 Filled	
	Two Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Vacant-2 (one on contract)	
	One Chowkidar in Rs. 4900-10680+ GP 1650 Filled	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	57,00,000
II.	Revenue Expenditure	
	Travelling Allowance	1,00,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	20,00,000
III.	Capital Expenditure	
	Non Recurring Contingency (Flooring of approach road from Mini gate towards office)	5,00,000
	Total	63.00.000

**REVOLVING FUND SCHEME NO. 8 (PC-3105)**

Name of the Scheme		Establishment of University Seed Farm, Usman, Tarn Taran.
Budget Estimates 2023-24		Rs.1,37,95,000/-
Year of Start		2016-17
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		USF Usman/ Director, University Seed Farm Usman/ Director of Research, PAU.
Source of Funding		Own Income
Income, if any		Rs.46,00,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	One Scientist (Crop Production) in Rs. 15600-39100+ AGP 6000/7000/8000 Filled	
●	Pay of Establishment	
	One Clerk/ Jr. Assistant in Rs. 10300-34800+ GP 3200/3600+ 240/300 SA (50:50) respectively Filled	
	One Plant Observer in Rs. 10300-34800+ GP 3200 Filled	
	One Tractor Driver in Rs.10300-34800+ GP3200+ SA1000 Filled	
	One Lab. Attendant in Rs.5910-20200+ GP 1900/2400 Filled	
	One Beldar in Rs. 4900-10680+ GP 1650/ Farm Worker in Rs. 5910-20200+ GP 1900 Vacant	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	86,70,000
II.	Revenue Expenditure	
	Travelling Allowance	1,00,000
	Wages	-
	Office Contingency	-
	Recurring Contingency	25,25,000
III.	Capital Expenditure	
	Non Recurring Contingency (for furniture, repair of building, flooring of road, tractor etc.)	25,00,000
	Total	1,37,95,000

**REVOLVING FUND SCHEME NO. 9 (PC-3107)**

<b>Name of the Scheme</b>		<b>Integrated Farming System</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.12,00,000/-</b>
<b>Year of Start</b>		2018-19
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer/ Controlling Officer</b>		Ludhiana/ Director, School of Organic Farming/ Director of Research , PAU.
<b>Source of Funding</b>		Own Income
<b>Income, if any</b>		Rs.12,00,000/-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b>PRIMARY UNIT</b>		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	10,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	2,00,000
	<b>Total</b>	<b>12,00,000</b>



**REVOLVING FUND SCHEME NO. 10 (PC-3111)**

Name of the Scheme		Processing and Sale of Agricultural Produce.
Budget Estimates 2023-24		Rs.8,00,000/-
Year of Start		2019-20
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Ludhiana/HOD, Processing & Food Engineering/ Director of Research, PAU.
Source of Funding		Own Income
Income, if any		Rs.7,00,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	1,20,000
	Office Contingency	-
	Recurring Contingency	6,80,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	8,00,000

**REVOLVING FUND SCHEME NO. 11 (PC-3112)**

Name of the Scheme		Experiential Learning Programme (Food Technology)
Budget Estimates 2023-24		Rs.5,00,000/-
Year of Start		2019-20
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Ludhiana/HOD, Food Science & Technology/ Dean, College of Agriculture, PAU.
Source of Funding		Own Income
Income, if any		Rs.10,00,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	5,00,000

**REVOLVING FUND SCHEME NO. 12 (PC-3113)**

<b>Name of the Scheme</b>		<b>Production of fruits, vegetables and nursery seedlings under brackish water Projects at Regional Station Bathinda.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.6,00,000/-</b>
<b>Year of Start</b>		2019-20
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer/ Controlling Officer</b>		RS Bathinda/ Director Regional Station Bathinda/ Director of Research, PAU.
<b>Source of Funding</b>		Own Income
<b>Income, if any</b>		Rs.12,00,000/-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b>PRIMARY UNIT</b>		
•	<b>Pay of Officers</b>	
	-	
•	<b>Pay of Establishment</b>	
	-	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	-
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	6,00,000
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>6,00,000</b>

**REVOLVING FUND SCHEME NO. 13 (PC-3114)**

Name of the Scheme		Entrepreneurship development in Commercial Plant Tissue Culture
Budget Estimates 2023-24		Rs.12,00,000/-
Year of Start		2019-20
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Director, School of Agricultural Biotechnology/ Dean, College of Agriculture PAU.
Source of Funding		Own Income
Income, if any		Rs.12,00,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	12,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	12,00,000

**REVOLVING FUND SCHEME NO. 14 (PC-3115)**

Name of the Scheme		Bioagents- Department of Entomology.
Budget Estimates 2023-24		Rs.1,50,000/-
Year of Start		2019-20
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Head, Department of Entomology/ Director of Research, PAU.
Source of Funding		Own Income
Income, if any		Rs.1,14,300/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
•	Pay of Officers	
	-	
•	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency (DPL Wages, Jowar, chemicals, glassware, polythene bags etc.)	40,000
III.	Capital Expenditure	
	Non Recurring Contingency (Air Conditioner - 2)	1,10,000
	Total	1,50,000

**REVOLVING FUND SCHEME NO. 15 (PC-3116)**

Name of the Scheme		Production of value added convenience foods at PAU, Ludhiana.
Budget Estimates 2023-24		Rs.5,00,000/-
Year of Start		2019-20
Duration of Project		Continuous Nature
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Head, Department of Food Science & Technology/ Director of Research, PAU.
Source of Funding		Own Income
Income, if any		Rs.10,00,000/-
Statement of Cost for the year 2023-24		
PRIMARY UNIT		
●	Pay of Officers	
	-	
●	Pay of Establishment	
	-	
BUDGET ESTIMATES 2023-24		
I.	Total Salary of Staff	-
II.	Revenue Expenditure	
	Travelling Allowance	-
	Wages	-
	Office Contingency	-
	Recurring Contingency	5,00,000
III.	Capital Expenditure	
	Non Recurring Contingency	-
	Total	5,00,000

**REVOLVING FUND SCHEME NO. 16 (PC-3117)**

Name of the Scheme		Sale of Agricultural Produce.	
Budget Estimates 2023-24		Rs3,00,000/-	
Year of Start		2022-23	
Duration of Project		Continuous Nature	
Headquarter/ Drawing & Disbursing Officer/ Controlling Officer		Head, Department of Soil & Water Engineering/ Director of Research, PAU.	
Source of Funding		Own Income	
Income, if any		1,25,000/-	
Statement of Cost for the year 2023-24			
PRIMARY UNIT			
●	Pay of Officers		
	-		
●	Pay of Establishment		
	-		
BUDGET ESTIMATES 2023-24			
I.	Total Salary of Staff	-	
II.	Revenue Expenditure		
	Travelling Allowance	-	
	Wages	-	
	Office Contingency	-	
	Recurring Contingency	3,00,000	
III.	Capital Expenditure		
	Non Recurring Contingency	-	
	Total	3,00,000	

**REVOLVING FUND SCHEME NO. 17 (PC-3118)**

<b>Name of the Scheme</b>		<b>Commercial Plant Tissue Culture.</b>
<b>Budget Estimates 2023-24</b>		<b>Rs.10,57,000/-</b>
<b>Year of Start</b>		2022-23
<b>Duration of Project</b>		Continuous Nature
<b>Headquarter/ Drawing &amp; Disbursing Officer/ Controlling Officer</b>		Director, School of Agricultural Biotechnology, PAU/ Director of Research, PAU.
<b>Source of Funding</b>		Own Income
<b>Income, if any</b>		Rs.15,00,000/-
<b><u>Statement of Cost for the year 2023-24</u></b>		
<b>PRIMARY UNIT</b>		
●	<b>Pay of Officers</b>	
	-	
●	<b>Pay of Establishment</b>	
	<b>Two Research Assistant @</b> Rs.35,000/-p.m. fixed for M.Sc. and Rs.40,000/-p.m. fixed for Ph.d.	
	<b>One Jr. Lab. Helper @</b> Rs.9,908/- p.m. fixed	
<b>BUDGET ESTIMATES 2023-24</b>		
<b>I.</b>	<b>Total Salary of Staff</b>	7,57,000
<b>II.</b>	<b>Revenue Expenditure</b>	
	Travelling Allowance	-
	Wages	3,00,000
	Office Contingency	-
	Recurring Contingency	-
<b>III.</b>	<b>Capital Expenditure</b>	
	Non Recurring Contingency	-
	<b>Total</b>	<b>10,57,000</b>



## PAY SCALES OF POSTS

Sr. No	Designation of post	Revised Pay scale w.e.f 1-1-2006 (Rs.)	
	<b>Administrative &amp; other posts</b>		
1.	Vice-Chancellor	75,000/- fixed + S.A. of 5000/- P.M. (UGC)	
2.	Controller of Examinations	37400-67000 + AGP 10,000/- + 600/-S.A.	
3.	Deans/ Director of Research/Director of Extension Education /Director Students' Welfare	37400-67000 + AGP 10,000/- + 1000/- S.A.	
4.	Additional Directors of Research (Agri.)/ Addl. Directors of Extension Education/ Training/ Communication Centre	37400-67000 + AGP 10,000/- + 800/-S.A.	
5.	Professors and equivalent	37400-67000 +AGP 10,000/- 37400-67000 +AGP 12,000/-+500/-S.A .to those holding the charge of Head of the Department	
6.	Librarian	37400-67000+AGP 10,000/-	
7.	Joint Director (Sports and Cultural Activities)	37400-67000+AGP 10,000/-	
8.	Registrar/Estate Officer/  Chief Engineer Comptroller	37400-67000+AGP+10,000/- + 1000/- S.A for Professor level teacher appointed as Registrar) 37400-67000 + GP 8800/- +600/- S.A 37400-67000 + GP 10000/- + 2000/- S.A	
9.	Additional Comptroller (upgraded from the post of Accounts officer as per decision of BOM 259 <sup>th</sup> meeting dt. 28.2.2013)	15600-39100+GP 8200/-	
10.	Associate Professor and equivalent	15600-39100+AGP 8000/- 37400-67000+AGP 9,000/-with 3 yrs service	
11.	Deputy Directors (Publications) /Radio Programme/Television /Information/ Dy. Director of Research/Editor Research/ Dy. Librarian/Dy. Director Physical Education	15600-39100 + AGP 6000/-  15600-39100 + AGP 7000/-	
12.	Asstt. Professors/Editors/Asstt. Director (Radio Programme/Television/Information/Communication) /Asstt. Director of Physical Education /Asstt. Librarian/Asstt. Landscape Officer	15600-39100 + AGP 6000/- 15600-39100 + AGP 7000/- 15600-39100 + AGP 8000/- S.P of 400/-p.m to D.E.S.(S.M.)	
13.	Coaches/Coordinator Cultural Activities (Personal for present incumbents)	10300-34800 + GP 3600/-(Non UGC)	
14.	Deputy Registrar/Accounts Officer	15600-39100 + GP 7600/-+ 1200/- S.A	
15.	Press Manager	10300-34800 + 5000/- GP(Direct) 10300-34800 + 5400/- GP (for promotes )	
16.	Executive Engineer	15600-39100 + GP 7600/- 37400-67000 + GP 8600/- (after 14 years of regular service as SDE, AE & Executive Engineer) 600/-S.A. P.M to XEN(D) & 400/- SA P.M to Asstt.XEN (D)	
17.	Medical Officer/Medical Officer (Dental) Sr. Medical Officer/Sr. Medical Officer (Dental) Chief Medical Officer/Chief Medical Officer (Dental)	15600-39100 + GP 5400/-+NPA* 15600-39100 + GP 6600/- (after 4 years of regular service in the entry scale) + NPA* 15600-39100 + GP 7600/-(after 9 years of regular service in the entry scale)+ NPA* 37400-67000 + GP 8600/-(after 14 years of regular service in the entry scale) + NPA*	
18.	Computer Officer	15600-39100 +GP 6600/-	
19.	Asstt. Registrar/Asstt. Accounts Officer/ Admn.-cum-Accounts Officer/ Asstt. Store Purchase Officer	10300-34800+GP 5000/- +800/-S.A. (Direct) 10300-34800 + GP 5400/-+ 1200/-S.A. (Promotee)	15600-39100 + GP 5400/- +1200/- S.A. (Both for Direct & Promotee (w.e.f 1.12.2011)
20.	Security Officer/ Public Relations Officer (Visitors) / Art Executive- cum-Exhibition Officer/ Business Manager/Officer on Spl.Duty /Asstt. Estate Officer/ Welfare Officer/ Supdt. Girls' Hostel/Art Executive- cum-Photo Officer	10300-34800 + GP 5000/-(Direct)  10300-34800 + GP 5400/-(Promotee)	
21.	Sub Divisional Officer/ Sub Divisional Engineer/ Asstt. Engineer	15600-39100+GP 5400/- 15600-39100+GP 6600/-(after 4 years regular service) 15600-39100+GP 7600/- (after 9 years regular service) 37400-67000+GP 8600/- (after 14 years regular service)	
22.	Workshop Superintendent	10300-34800 + GP 5000/- + 1200/- S.A. for new entrant 800/- S.A.	
23.	Senior Glass Blower	10300-34800+GP 5000/-	

24.	Superintendent	10300-34800+GP 5000/- + 1200/-SA 15600-39100+GP5400/-+1200/-SA(re-revised w.e.f 1.12.11)	
25.	Private Secy. to VC/Personal Assistants (attached with the Officers of the University)	10300-34800 + GP 5000/-+ 1200/-S.A 15600-39100+GP 5400/+1200/-S.A(revised w.e.f 1.12.2011)	
26.	i) Chief Draftsman  ii) Circle Head Draftsman  iii) Sr. Draftsman/Head Draftsman (Gr.I) /  iv) Draftsman	10300-34800+GP 5000 15600-39100+5400GP ( revised w.e.f 1.1.2017)  10300-34800 + GP 4400/- 10300-34800 + GP 5400 ( revised w.e.f 1.1.2017)  10300-34800 + GP 4200/- 10300-34800 + GP 5000/- (revised w.e.f 1.1.2017)  10300-34800 + GP 3800/- 10300-34800 + GP 4200/-(revised w.e.f 1.12.2011) 10300-34800 + GP 4600/- (re-revised w.e.f 1.1.2017)	
27.	Photo Officer	10300-34800 + GP 4200/-	
28.	Estimator / Divisional Accountant*	10300-34800 + GP 4200/- 8000/- Fixed*	
29.	Personal Assistants (other than attached with the Officers of the University)	10300-34800 + GP 4200/- + 600/- S.A.240/-	10300-34800 + GP 4800/- + 600/-S.A.(w.e.f 1.12.2011)
30.	Junior Engineer	10300-34800 + GP3800/- The existing incumbents in the scale of 7220-11320 are allowed the revised equivalent of Rs10300-34800+GP 4800/- as a measure personal to them.	i) 10300-34800 + GP 4800/- (Entry Scale) ii) 15600-39100 + GP 5400/- (after 10 Yrs) iii) 15600-39100 + GP 6600/- (after 20 Ys. with designation of Asst. Engineer) (w.e.f 1.12.2011)
31.	Senior Assistant	10300-34800+GP 3800/+480/- S.A. 10300-34800+GP 4400/+480/-SA(re-revised w.e.f 1.12.2011)	
32.	Sr. Scale Stenographer	10300-34800+GP 3800/ +480/-S.A. 10300-34800+GP4400/+480/-SA (re-revised w.e.f1.12.2011)	
33.	Deputy Curator	10300-34800+GP 4400	
34.	Inspector Estate/Inspector Security/ Sub-Inspector (W&W)	10300-34800 + GP 3800/-	
35.	Coaches/Artist/Senior Artist	10300-34800 + GP 3600/-	
36.	Sr. Library Assistant/Jr. Library Assistant/ Library Assistant	10300-34800 + GP 3600/-	
37.	Divisional Accountant/Asstt. Supdt. Girls' Hostel/ House Mother-cum-Asstt.Girls' Hostel/Hostel Supdt.	10300-34800 + GP 3600/-	
38.	Asstt. Editor (Punjabi)	10300-34800 + GP 3600/-	
39.	Sr. Radiographer/Sr. Off-set operator	10300-34800+GP 3600/- + 480/- S.A.to Sr. Radiographer	
40.	Foreman (Press)	10300-34800 + GP 3600/-	
41.	Foreman (Mechanical)/ Bindry Foreman/Media Asstt./ DTP Operator Meteorological Observer	10300-34800 + GP 3200/-	
42.	Nurse/Staff Nurse	5910-20200+GP 2800/- 10300-34800+GP 3200/- 10300-34800+GP3600/(50%)	10300- 34800 + GP 4600 (re- revised w.e.f 1.9.2011)
43.	Sanitary inspector (Re-designated as Car Supervisor)	5910-20200+GP 2400/-+ SA 1800/-	
44.	Pharmacist/Pharmacist-cum-Store Keeper	5910-20200 + GP 3000/- 10300-34800+GP 3600/-	10300-34800 + GP 4200/- (re-revised w.e.f 1.12.2011)
45.	Medical Laboratory Technician	10300-34800+3800 GP	10300-34800 + GP 4200/- (re-revised

			<b>w.e.f 1.12.2011)</b>
46.	Nursery School Teacher	5910-20200 + GP 2800/-(10300-34800+ GP 3600/- with Sr.Scale of 10300-34800 + GP 3800/-after 8 years service and 10300-34800 + GP 4200/- after 18 years service for those who have done B.Ed. or B.Sc. or B.Sc.(H.Sc.) 4/5 y Programme from Agril. Universities)	
47.	Trained Graduate Teachers(Master/Mistress)	10300-34800 + GP 3600/- 10300-34800 + GP 4600/- (revised w.e.f 1.10.2011) 10300-34800 + GP 5000/- (re-revised w.e.f. 1.12.2011)	
48	ETT Teachers	5910-20200 + GP 3000/- 10300-34800 + GP 4200/- ( re-revised w.e.f.1.10.2011)	
49.	Foreman/Press Mechanic/Sr. Proof Reader/ Foreman (Misc.)/ Baking Technician	5910-20200 + GP 2800/-	
50.	Recording Assistant	5910-20200 + GP 2400/-	
51.	Youth Club Organizer (Re-designated as Steward)	5910-20200+GP 2400/- (Re-designated as Steward)	
52.	Surveyor	5910-20200 + GP 2400/- 10300-34800 + GP 3800/-	
53.	Mason/Mono Operator/Technical Assistant	5910-20200 +GP 2400/-	
54.	Electrician Gr.I & Gr.II/ Painter/Tubewell Driver/ Asstt. Tubewell Driver/Floor Polishing Machine Operator	5910-20200 +GP 2400/-	
55.	Junior Draftsman	5910-20200 + GP 2400/- (Qualifications raised to matriculation with 2 y ITI Certificate of Draftsman. A Jr. Draftsman shall be eligible for promotion as Draftsman in the scale of 10300-34800 +GP 3800/- after a minimum period of 12 years of service) 10300-34800 + GP 3200/- (re- revised w.e.f 1.12.2011)	
56	Monocaster	5910-20200 + GP 2400/-	
57.	Sr. Machineman/Compositor/ Paper Feed Man (Offset)/Jr. Proof Reader/Warehouse Man	5910-20200 + GP 2400/-	
58.	Bus Driver/Jeep/Car/Van/Utility Truck Driver	5910-20200+GP 2000/- + 1400/-S.A	5910-20200 + GP 2400/- + 1400/- S.A. (re-revised w.e.f 1.12.2011)
59.	Book Binder/Jr. Machineman/ Tradleman/Ground Supervisor	5910-20200 + GP 2000/-	
60.	Telephone Operator/Attendant	5910-20200+GP 1900/-	5910-20200 +GP 2400/- (re-revised w.e.f 1.12.2011)
61.	Ferro Printer/ Work Inspector/Plumber Gr.-A/ Chargeman/Tele-Printer-cum-Satellite Station Operator / Photo Composing Operator /Auto Fitter/ Gas Mechanic	5910-20200 + GP 1900/-	
62.	Patwari	5910-20200 + GP 1900/-+ 200/- S.A.)	
63.	Sub Inspector (Security)/Security Guard/ Gunman	5910-20200 + GP 1900/-	
64.	i) Clerk  ii) Junior Assistant (50%)	5910-20200 + GP 1900. + 240/- S.A.          5910-20200 +GP 2800/-+ 300/-S.A.	5910-20200 +GP 2400/-+ 240/-SA (w.e.f. 1.10.2011)          10300-34800 + GP 3200/- +300/- SA (w.e.f.1.10.2011)          10300-34800 + GP 3600/- (re-revised w.e.f 1.12.2011)
65.	Typist	5910-20200 + GP 1900/- 10300-34800 + GP 3200/- (w.e.f 1.12.2011)	
66.	Sub Divisional Clerk	5910-20200 + GP 1900/- /5910-20200+ GP 2400/-+ 160/-S.A	10300-34800+ GP 3200/-

			(re-revised w.e.f 1.12.2011)
67.	Steno-typist	5910-20200 +GP 2000/-+ 240/- S.A 5910-20200+GP 2400/- as personal measure for those in position as on 1.1.1996 + 240/- S.A.	5910-20200 + GP 2400/- + 240/-S.A. (w.e.f 1.10.2011) 10300-34800+ GP 3200/- (re-revised w.e.f 1.12.2011)
68.	Multipurpose Worker (Female)	5910-20200 + GP 2000/- 5910-20200+GP 2800/-for those in position as on 1.1.1996 in the unrevised scale of 4400-7000 as personal measure	5910-20200 +GP 2400/- (w.e.f 1.10.2011) 10300-34800 + GP 3200/- (w.e.f 1.12.2011)
69.	Restorer Restorer-cum-Jamadar	5910-20200 + GP 1900/- + 160/- S.A.	5910-20200 + GP 2400/- + 240/- S.A. (w.e.f 1.12.2011)
70.	Bill and Cash Messenger	5910-20200 + GP 2400/- + 400/- S.A.	
71.	Helper(Air-Conditioning)/Cook/Cook-cum-Chowkidar /Cook-cum-Attendant/Cook-cum-Bearer/Monocaster/ Machine Assistant-cum-Impositor/Mechanic/Work Munshi/Store Attendant/Sports Attendant/Whitewasher /Plumber(Grade-B)/Gallery Proof/Jr. Mechanic/Mistri /Pressman/Copy Holder/Asstt. Monocaster/Library Attendant/Flayer/Assistant Painter/Distributor/Care Taker/Warehouseman/Packer/Lady Demonstrator/Floor Polishing Machine Operator/Pump Driver/ Fitter-cum-Cleaner/Hammerman /Mate/Operator/Asstt. Foreman/ Road Inspector /Electrician/Air Conditioning Plant Attendant/ Carpenter/Mason /Receptionist/Clerk-cum-Receptionist/ Inker/ Production Assistant	5910-20200 + GP 1900/-	
72.	Bus Cleaner/Cleaner	4900-10680 + GP 1650/-	
73.	Sports Attendant/Library Attendant (other than Matriculate or Middle Pass with 3 years experience)	4900-10680 + GP 1650/-	
74.	Metal Melter-cum-Distributor	4900-10680 + GP 1400/-	
75.	Khalasi	4900-10680 + GP 1300/- (w.e.f 1.12.2011)	
76.	Messenger Boy/Sweeper/Chowkidar/Scavenger/ Window Cleaner/Bearer/Maid Servant-cum-Cook/ Bishti/Water Carrier/Waterman/Hostel Boy/ Attendant/Helper/Mate for maintenance/Mate Attendant/ Store Attendant/ Harmonium Master and all other Group-D whole time employees	4900-10680 + GP 1300/-	4900-10680 + GP 1650/- (re-revised w.e.f 1.12.2011)
77.	Sewer man	4900-10680 + GP 1300/-	4900-10680 + GP 1650/- (w.e.f 1.12.2011)
78.	Beldar	4900-10680 + GP 1300/-	4900-10680 + GP 1650/- (w.e.f 1.12.2011)
79.	<b>Farm Manager (University Cadre)</b> created by Board of Management in its 252 <sup>nd</sup> meeting held on 3.2.2012 in the scale of 10300-34800 + GP 3800	Pay Scale modified to <b>9300-34800 +GP 4200</b> by Board of Management in its 254 <sup>th</sup> meeting held on 30.3.2012	
80.	<b>Operator (Audio Visual)</b> created against the post of Cine Mechanic in scheme No.Plan-2(Old Plan-4)	5910-20200 + GP 1900	
81.	Assistants at KVKs	9300-34800 +GP 4200	
82.	Programmers	15600-39100+GP 5400	
83.	Legal Assistant	10300-34800+GP 4400	
84.	Plant Manager	15600-39100+GP 6600 (created by the BOM in its 278 <sup>th</sup> meeting held on 12-7-2016)	
85.	Production Manager	15600-39100+GP 5400 (created by the BOM in its 278 <sup>th</sup> meeting held on 12-7-2016)	

86	Assistant Architect	15600-39100+GP 5400 (created by the BOM in its 278 <sup>th</sup> meeting held on 12-7-2016)
87	Dark Room Attendant re-designated as <b>Dark Room Assistant</b>	5910-20200+1900GP
88	Maid Attendant re-designated as <b>Ward Attendant</b>	4900-10680+1650GP
89	Web Designer	10300-34800+3200GP
90	Assistant Superintendent (Girls' Hostel) redesignated as Assistant Hostel Superintendent (Girls')	10300-34800+3600GP
91	Agriculture Field Officer	15600-39100+5400GP (created by the BOM in its 291 <sup>st</sup> meeting held on 29.05.2019)
92	Network-cum-Programming Assistant	10300-34800 + GP 4400 (Re-designated post of Senior Assistant on 25.09.2013)

**Note: \* NPA at the uniform rate as per Punjab Govt. pattern to Chief Medical Officer/Senior Medical Officers/ Medical Officers.**

**The worthy Vice Chancellor has accorded approval to enhance Rs.40/- per working day to each category of DPLs' (in addition to minimum labour rates approved by the Labour Commissioner, Punjab from time to time) and enhancement of Rs.800/- per month to the contractual employees (in addition to minimum fixed emoluments approved by the worthy Vice Chancellor) w.e.f. 01.03.2023, as conveyed by the office vide no. CAU/Insp. (II)/2023/ 5488 dated 30.03.2023.**

**PAY SCALES OF TECHNICAL POSTS**  
**(Under Clubbing Categories)**

**ENGINEERING STAFF**

<b>Sr.No</b>	<b>Designation of post</b>	<b>Revised pay scale w.e.f.1.1.06</b>
<b>1.</b>	<b><u>TECHNICIAN (Engg.) G-IV</u></b> Helper to Electrician/Helper/Workshop Helper /Bandsaw Helper/Tractor Helper/ Foundry Attendant / Workshop Attendant/Cold Room Attendant/ Refrigerator-cum-Incinerator Attendant/Project Attendant/Blacksmith/Gas man/Gas Operator/ Hammer man/Store mate/Store Khalasi/ Helper to Plumber	5910-20200+GP 1900/-
<b>2.</b>	<b><u>TECHNICIAN (Engg.) G-III</u></b> Tubewell Driver/Asstt. Tubewell Driver/Tubewell Operator/Sawman/Bandsawman/Cine Machine Operator /Auto Electrician/ Fitter/Electrician/Cine-Mechanic/Painter/Mechanic-cum-Electrician/Mistri /Tractor Driver/ Tailor/Electrician-cum-Technician/ Film operator/Mechanic/Fitter-cum-cleaner/Turner /Pump Mechanic/Machine Attendant/Petrol Pump Attendant/Machine Mechanic/Gas Mechanic/ Refrigerator Mechanic/Blacksmith/Tinsmith/ Carpenter /Gas-cum-Electric Welder/Air Conditioning Operator/ Lift Operator/ Chargeman Electrical /Lab. Asstt. Engg /Liquid Nitrogen Plant Operator/ Time Keeper/Head Carpenter/Store Keeper/ Technician (Engg.)	10300-34800+GP 3200/- (1000/- S.A to Tractor Driver)
<b>3.</b>	<b><u>TECHNICIAN (Engg.) G-II</u></b> Electrician Grade I/Foreman (Elect.)/Mechanic-cum-Driver/ Diesel Mechanic/Refrigeration-cum-Incinerator Mechanic/ Refrigeration Mechanic-cum-Operator/Tractor Mechanic/ Foreman (Gr.II)/Lab. Technician/Technician/Tractor Mechanic-cum-Operator/Implement Mechanic/ Plant Supervisor / Farm Mechanic/ Mechanic/ Head Mechanic/ Instrument Mechanic/Pump Mechanic/Auto Mechanic /Project Operator/ Junior/Senior Technical Assistant/ Mechanist./Store Purchase Assistant/ Technical Instrument Mechanic/Instructor Head Mechanic/Foreman(Gr.I)/Head Mistri/ Foreman (FST) /Foreman (Misc.)/Computer Operator	10300-34800 +GP 3800/-
<b>4.</b>	<b><u>TECHNICIAN (ENG.) G-I</u></b> Maintenance Shop Supervisor/ Instrumentation Foreman/ Foreman Instrument/Workshop Supervisor Assistant Store Officer	10300-34800+GP 4800/-  10300-34800+GP 5000/-

## LABORATORY STAFF

5.	<b><u>TECHNICIAN (LAB.) G-IV</u></b> Lab. Attendant/Sr. Lab. Attendant  Harbarium Keeper/Dark Room Attendant/ Meteorological Attendant/Butter man/Sliver Maker /Post mortem Attendant	5910-20200+GP 2400/- (approved by BOM in its 285 <sup>th</sup> meeting 12.10.2018 on the pattern of Punjab Govt. notification Dt. 23-12-2011)  5910-20200+GP 1900/-
6.	<b><u>TECHNICIAN (LAB.) G-III</u></b> Lab. Assistant /Junior. Lab. Assistant/ Junior Lecture Table Assistant/Milk Recorder /Museum Assistant/ Museum Keeper/ Computer/ Photographic Assistant/ Insect collector/ Insect Collector /Dairy Manufacturing Assistant/ Stock Assistant (Gr.II)/ Reprographic Lab. Asstt./ Reprographic Assistant Setter /Stock Assistant Gr.I	10300-34800+GP 3200/-
7.	<b><u>TECHNICIAN (LAB.) G-II</u></b>  Artist/ Sr. Artist/Senior Photographer Photographer-cum-Artist/Artist-cum-Photographer /Artist-cum-Cartographer *  Statistical Assistant  Milk Recording Supervisor/Chick Sexer/ Meteorological Observer/ Glass Blower/Fruit Preservation Supervisor/ Dark Room Assistant /Scientific Assistant/Junior Technical Assistant (Baking)/Jr. Scientific Assistant/ Sr. Lab. Asstt / Sr. Lecture Table Asstt./Visitors Guide/ Museum Assistant/Audio Visual Aids Assistant	10300-34800 (G-I.)+ GP 4800/-  10300-34800+ GP 4800/- (approved by BOM in its 283 <sup>rd</sup> meeting 24.11.2017 on the pattern of Punjab Govt. notification Dt. 21-12-17)  10300-34800+GP 3800/-

## FIELD STAFF

8.	<b><u>TECHNICIAN (FARM) G-IV</u></b> a) Farm Worker  b) Head Mali/Animal Attendant/Cattle Attendant /Bird Attendant /Livestock Attendant/Animal Caretaker/ Fisherman	5910-20200+GP 1900/-  5910-20200+GP 1900/-
9.	<b><u>TECHNICIAN (FARM) G-III</u></b> Budder/Plant Observer/Fieldman  Agril.Sub Inspector/Horticultural Sub Inspector/Horticultural Supervisor	10300-34800+GP 3200/-  10300-34800 +GP 3200/-
10.	<b><u>TECHNICIAN (FARM) G-II</u></b> Extension Demonstrator/ Demonstrator/ Investigator/  Technical Assistant (Field)	10300-34800/+GP 3800/-  10300-34800+ 3800GP/ 10300-34800+GP 4200/- (re-revised to <b>10300 -34800 + GP 4800/- w.e.f 1.12.2011</b> , only for the post of Technical Assistants who were granted the pay scale of 6400-10640 w.e.f 2.5.2000

**Note:-** The above scales of pay do not apply to the posts in PAU Press, Hospital, Maintenance, Estate Organization, Senior Architect and Chief Engineer's Office, except the posts provided in these offices with joint seniority list (For promotion purpose) at University level.

### **Pay scales/Pay bands of Entry Level Posts in the Punjab Agricultural University**

**In pursuance of the decision taken by the BOM in its 247<sup>th</sup> meeting held on 30.3.2011, the Vice Chancellor, PAU as per circular No. CAU-B(I)/2012/17433-174733 dated 18-12-2012 followed by Nos. 1936-1976 dated 03-05-2013, 18206-18256 dated 2-2-2015 & 19595-19640 dated 04-03-2015 has approved that the following posts in PAU are to be filled up in the same pay scales/pay bands as that of the Directorate level offices of the Punjab Govt.:-**

Sr.No.	Name of Post	Re-revised pay scales/ pay bands in the Directorate level offices of the Punjab Govt. w.e.f Oct/Dec-2011 in which future appointment are to be made by PAU (Rs.)
1.	Helper to Electrician	4900-10680+1650GP
2.	Helper to Plumber	4900-10680+1650GP
3.	Store Mate	4900-10680+1650GP
4.	Store Keeper	5910-20200+1900GP
5.	Helper/Workshop Helper	4900-10680+1650GP
6.	Workshop Attendant	4900-10680+1650GP
7.	Hammer man	4900-10680+1650GP
8.	Black smith	5910-20200 +1900GP
9.	Carpenter	5910-20200 +1900GP/5910-20200+2400GP
10.	Tractor Driver	5910-20200+2000GP
11.	Tailor	5910-20200 +1900GP
12.	Painter	5910-20200 +1900GP
13.	Computer Operator	10300-34800+ 3200GP
14.	Tech. Assistant (Engg)	10300-34800+3800GP
15.	Lab Attendant	4900-10680+1650GP
16.	Computer	5910-20200+1900GP/5910-20200+2400GP
17.	Technical Asstt (Baking)	10300-34800+3800GP
18.	Chick Sexer	10300-34800+3200GP
19.	Curator/(Dy Curator)	10300-34800+5400GP/10300-34800+4400GP
20.	Artist/Sr. Artist	10300-34800+3200GP
21.	Artist-cum-Cartographer	10300-34800+3800GP
22.	Photographer-cum-Artist	10300-34800+3800GP
23.	Artist-cum-Photographer	10300-34800+3800GP
24.	Sr. Photographer	10300-34800+3800GP
25.	Visitors Guide	5910-20200 +1900GP
26.	Head Mali	4900-10680+ 1800GP
27.	Fieldman	4900-10680+ 1650GP
28.	Budder	4900-10680+ 1650GP
29.	Agriculture Sub Inspector	5910-20200+2800GP
30.	Horticulture Sub-Inspector	5910-20200+2800GP
31.	Horticulture Supervisor	5910-20200+2800GP
32.	Surveyor	5910-20200+2400GP
33.	Lab. Attn dt. in PAU Hospital	5910-20200 +1900GP
34.	Pharmacist in PAU Hospital	10300-34800+ 4200GP
35.	Sr. Radiographer	10300-34800+ 4200GP
36.	Staff Nurse PAU Hospital	10300-34800+ 3200GP
37.	Multipurpose Worker(F)	10300-34800+ 3200GP
38.	Attn dt(Dental)PAU Hospital	5910-20200 +1900GP
39.	Inker/Impositor	5910-20200 +1900GP
40.	Distributor	5910-20200 +1900GP
41.	Galley Proof Pressman	5910-20200 +1900GP
42.	Asstt Mono Caster	5910-20200 +1900GP
43.	Copy Holder	5910-20200 +1900GP
44.	Book Binder/Binder	5910-20200 +1900GP
45.	Packer	4900-10680+1400GP
46.	Junior Draftsman	10300-34800+3200GP
47.	Library Attendant	4900-10680+1650GP
48.	Junior Library Assistant	5910-20200 +1900GP
49.	Work Munshi	5910-20200 +1900GP
50.	Store Munshi	5910-20200 +1900GP



51.	Work Inspector	5910-20200 +1900GP
52.	Clerk	10300-34800+ 3200GP
53.	Assistant Accounts Officer/ Admn.-cum-Accounts Officer	15600-39100+5400GP
54.	Medical Officer	15600-39100+ 5400GP
55.	Executive Engineer	15600-39100+ 7600GP
56.	Sub Divisional Engineer	15600-39100+ 5400GP
57.	Junior Engineer	10300-34800+4800GP
58.	Steno-typist	10300-34800+3200GP
59.	Mali	4900-10680+ 1650GP
60.	Messenger	4900-10680+ 1650GP
61.	Chowkidar	4900-10680+1650GP
62.	Sweeper	4900-10680+1650GP
63.	Sewer-man	4900-10680+1650GP
64.	Asstt. Cook-cum-Attendant	4900-10680+1650GP
65.	Cook	5910-20200 +1900GP
66.	Cook-cum-Chowkidar	4900-10680+1650GP
67.	Bearer	4900-10680+1650GP
68.	Steward	5910-20200+2400GP
69.	Coaches	10300-34800+3600GP/10300-34800+3800GP
70.	Coordinator Cultural Activities	10300-34800+3600GP/10300-34800+3800GP
71.	Care Taker	5910-20200+1900GP
72.	Patwari	5910-20200+1900GP
73.	Telephone Operator	5910-20200+2400GP
74.	Lady Demonstrator	5910-20200 +1900GP
75.	Jeep/Car/Bus Driver	5910-20200+2400GP
76.	Band saw Helper	4900-10680+1650GP (The departments of PAU may fill up the post of Helper in relevant disciplines. For Example:-Helper (White Washer/Plumber/bricklayer) etc.
77.	Helper to Plumber	
78.	Helper to White-washer	
79.	Helper to Brick layer	
80.	Butterman	5910-20200+1900GP
81.	Metrological Attendant	5910-20200+1900GP
82.	Apiarist (Bee Keeper)	5910-20200+1900GP
83.	Sliver Maker	5910-20200+1900GP
84.	Harbarium Keeper	5910-20200+1900GP
85.	Foundry Attendant	5910-20200+1900GP
86.	Cold Room Attendant	5910-20200+1900GP
87.	Project Attendant	5910-20200+1900GP
88.	Refri-cum-Inciniraton Attndt.	5910-20200+1900GP
89.	Gasman	4900-10680+1650GP
90.	Gas Operator	4900-10680+1650GP
91.	Accounts Officer	15600-39100+7600GP
92.	Welfare Officer	10300-34800+5000GP
93.	Business Manager	10300-34800+5000GP
94.	Security Officer	10300-34800+5000GP
95.	Assistant Estate Officer	10300-34800+5000GP
96.	Hostel Boy	4900-10680+1650GP
97.	Sports Attendant now <b>Ground Marker</b>	4900-10680+1650GP
98.	Restorer-cum-Daftri Now <b>Restorer</b>	5910-20200+2400GP
99.	Store Khalasi	4900-10680+1650GP
100.	Junior Microscopist (allowed to filled up at par with <b>Lab. Technician</b> of the Punjab Govt. vide No. CAU. B-IV/2013/6481/1.7.2013)	5910-20200+2800GP
101.	Cinema Operator (Post of Film Operator re-designated by RAU vide No. Admn.VII..AAU.2015/ 10484-85 dated 10.7.2015)	5910-20200+1900GP

**REVISED PAY SCALES AS PER SIXTH PUNJAB PAY COMMISSION**

**Pay Band 5PPC      4900-10680 (PB-1)**

<b>Grade Pay</b>	<b>1300</b>	<b>1400</b>	<b>1650</b>	<b>1800</b>
<b>Initial Pay</b>	<b>6200</b>	<b>6700</b>	<b>6950</b>	<b>7100</b>
<b>Group</b>	<b>D</b>	<b>D</b>	<b>D</b>	<b>D</b>
<b>Index</b>			<b>2.59</b>	<b>2.59</b>
<b>Level as per 6th PPC</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>
<b>1</b>	<b>0</b>	<b>0</b>	<b>18000</b>	<b>18400</b>
2	0	0	18500	19000
3	0	0	19100	19600
4	0	0	19700	20200
5	0	0	20300	20800
6	0	0	20900	21400
7	0	0	21500	22000
8	0	0	22100	22700
9	0	0	22800	23400
10	0	0	23500	24100
11	0	0	24200	24800
12	0	0	24900	25500
13	0	0	25600	26300
14	0	0	26400	27100
15	0	0	27200	27900
16	0	0	28000	28700
17	0	0	28800	29600
18	0	0	29700	30500
19	0	0	30600	31400
20	0	0	31500	32300
21	0	0	32400	33300
22	0	0	33400	34300
23	0	0	34400	35300
24	0	0	35400	36400
25	0	0	36500	37500
26	0	0	37600	38600
27	0	0	38700	39800
28	0	0	39900	41000

29	0	0	41100	42200
30	0	0	42300	43500
31	0	0	43600	44800
32	0	0	44900	46100
33	0	0	46200	47500
34	0	0	47600	48900
35	0	0	49000	50400
36	0	0	50500	51900
37	0	0	52000	53500
38	0	0	53600	55100
39	0	0	55200	56800
40	0	0	56900	58500

**Pay Band 5910-20200 (PB-2)****5th PPC**

<b>Grade Pay</b>	<b>1900</b>	<b>1950</b>	<b>2000</b>	<b>2400</b>	<b>2800</b>	<b>3000</b>
<b>Initial Pay</b>	<b>7810</b>	<b>7960</b>	<b>8240</b>	<b>9880</b>	<b>11170</b>	<b>11470</b>
<b>Group</b>	<b>C</b>	<b>C</b>	<b>C</b>	<b>C</b>	<b>C</b>	<b>C</b>
<b>Index</b>	<b>2.59</b>	<b>2.59</b>	<b>2.59</b>	<b>2.59</b>	<b>2.59</b>	<b>2.59</b>
<b>Level as per 6th PPC</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>

<b>1</b>	<b>20200</b>	<b>20600</b>	<b>21300</b>	<b>25600</b>	<b>28900</b>	<b>29700</b>
2	20800	21200	21900	26400	29800	30600
3	21400	21800	22600	27200	30700	31500
4	22000	22500	23300	28000	31600	32400
5	22700	23200	24000	28800	32500	33400
6	23400	23900	24700	29700	33500	34400
7	24100	24600	25400	30600	34500	35400
8	24800	25300	26200	31500	35500	36500
9	25500	26100	27000	32400	36600	37600
10	26300	26900	27800	33400	37700	38700
11	27100	27700	28600	34400	38800	39900
12	27900	28500	29500	35400	40000	41100
13	28700	29400	30400	36500	41200	42300
14	29600	30300	31300	37600	42400	43600
15	30500	31200	32200	38700	43700	44900
16	31400	32100	33200	39900	45000	46200
17	32300	33100	34200	41100	46400	47600
18	33300	34100	35200	42300	47800	49000
19	34300	35100	36300	43600	49200	50500
20	35300	36200	37400	44900	50700	52000
21	36400	37300	38500	46200	52200	53600
22	37500	38400	39700	47600	53800	55200
23	38600	39600	40900	49000	55400	56900
24	39800	40800	42100	50500	57100	58600
25	41000	42000	43400	52000	58800	60400
26	42200	43300	44700	53600	60600	62200
27	43500	44600	46000	55200	62400	64100

28	44800	45900	47400	56900	64300	66000
29	46100	47300	48800	58600	66200	68000
30	47500	48700	50300	60400	68200	70000
31	48900	50200	51800	62200	70200	72100
32	50400	51700	53400	64100	72300	74300
33	51900	53300	55000	66000	74500	76500
34	53500	54900	56700	68000	76700	78800
35	55100	56500	58400	70000	79000	81200
36	56800	58200	60200	72100	81400	83600
37	58500	59900	62000	74300	83800	86100
38	60300	61700	63900	76500	86300	88700
39	62100	63600	65800	78800	88900	91400
40	64000	65500	67800	81200	91600	94100

**Pay Band****5th PPC****10300-34800 (PB-3)**

<b>Grade Pay</b>	<b>3200</b>	<b>3600</b>	<b>3800</b>	<b>4200</b>	<b>4400</b>	<b>4600</b>	<b>4800</b>	<b>5000</b>	<b>5400</b>
<b>Initial Pay</b>	<b>13500</b>	<b>14430</b>	<b>14590</b>	<b>16290</b>	<b>17420</b>	<b>18030</b>	<b>18250</b>	<b>18450</b>	<b>20300</b>
<b>Group</b>	<b>C</b>	<b>C</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>B</b>	<b>A</b>	<b>A</b>
<b>Index</b>	<b>2.64</b>	<b>2.64</b>	<b>2.64</b>	<b>2.64</b>	<b>2.64</b>	<b>2.64</b>	<b>2.64</b>	<b>2.64</b>	<b>2.64</b>
<b>Level as per 6th PPC</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>
<b>1</b>	<b>35600</b>	<b>38100</b>	<b>38500</b>	<b>43000</b>	<b>46000</b>	<b>47600</b>	<b>48200</b>	<b>48700</b>	<b>53600</b>
2	36700	39200	39700	44300	47400	49000	49600	50200	55200
3	37800	40400	40900	45600	48800	50500	51100	51700	56900
4	38900	41600	42100	47000	50300	52000	52600	53300	58600
5	40100	42800	43400	48400	51800	53600	54200	54900	60400
6	41300	44100	44700	49900	53400	55200	55800	56500	62200
7	42500	45400	46000	51400	55000	56900	57500	58200	64100
8	43800	46800	47400	52900	56700	58600	59200	59900	66000
9	45100	48200	48800	54500	58400	60400	61000	61700	68000
10	46500	49600	50300	56100	60200	62200	62800	63600	70000
11	47900	51100	51800	57800	62000	64100	64700	65500	72100
12	49300	52600	53400	59500	63900	66000	66600	67500	74300
13	50800	54200	55000	61300	65800	68000	68600	69500	76500
14	52300	55800	56700	63100	67800	70000	70700	71600	78800
15	53900	57500	58400	65000	69800	72100	72800	73700	81200
16	55500	59200	60200	67000	71900	74300	75000	75900	83600
17	57200	61000	62000	69000	74100	76500	77300	78200	86100
18	58900	62800	63900	71100	76300	78800	79600	80500	88700
19	60700	64700	65800	73200	78600	81200	82000	82900	91400
20	62500	66600	67800	75400	81000	83600	84500	85400	94100
21	64400	68600	69800	77700	83400	86100	87000	88000	96900
22	66300	70700	71900	80000	85900	88700	89600	90600	99800
23	68300	72800	74100	82400	88500	91400	92300	93300	102800
24	70300	75000	76300	84900	91200	94100	95100	96100	105900
25	72400	77300	78600	87400	93900	96900	98000	99000	109100

26	74600	79600	81000	90000	96700	99800	100900	102000	112400
27	76800	82000	83400	92700	99600	102800	103900	105100	115800
28	79100	84500	85900	95500	102600	105900	107000	108300	119300
29	81500	87000	88500	98400	105700	109100	110200	111500	122900
30	83900	89600	91200	101400	108900	112400	113500	114800	126600
31	86400	92300	93900	104400	112200	115800	116900	118200	130400
32	89000	95100	96700	107500	115600	119300	120400	121700	134300
33	91700	98000	99600	110700	119100	122900	124000	125400	138300
34	94500	100900	102600	114000	122700	126600	127700	129200	142400
35	97300	103900	105700	117400	126400	130400	131500	133100	146700
36	100200	107000	108900	120900	130200	134300	135400	137100	151100
37	103200	110200	112200	124500	134100	138300	139500	141200	155600
38	106300	113500	115600	128200	138100	142400	143700	145400	160300
39	109500	116900	119100	132000	142200	146700	148000	149800	165100
40	112800	120400	122700	136000	146500	151100	152400	154300	170100

**Pay Band****5th PPC****15600-39100 (PB-4)**

<b>Grade Pay</b>	<b>5400</b>	<b>5700</b>	<b>6000</b>	<b>6600</b>	<b>7400</b>	<b>7600</b>	<b>7800</b>	<b>8200</b>	<b>8400</b>
<b>Initial Pay</b>	<b>21000</b>	<b>22820</b>	<b>24140</b>	<b>25250</b>	<b>31120</b>	<b>31320</b>	<b>34260</b>	<b>40130</b>	<b>43070</b>
<b>Group</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>
<b>Index</b>	<b>2.67</b>	<b>2.67</b>	<b>2.67</b>	<b>2.67</b>	<b>2.67</b>	<b>2.67</b>	<b>2.67</b>	<b>2.67</b>	<b>2.67</b>
<b>Level as per 6th PPC</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>
<b>1</b>	<b>56100</b>	<b>60900</b>	<b>64500</b>	<b>67400</b>	<b>83100</b>	<b>83600</b>	<b>91500</b>	<b>107100</b>	<b>115000</b>
2	57800	62700	66400	69400	85600	86100	94200	110300	118500
3	59500	64600	68400	71500	88200	88700	97000	113600	122100
4	61300	66500	70500	73600	90800	91400	99900	117000	125800
5	63100	68500	72600	75800	93500	94100	102900	120500	129600
6	65000	70600	74800	78100	96300	96900	106000	124100	133500
7	67000	72700	77000	80400	99200	99800	109200	127800	137500
8	69000	74900	79300	82800	102200	102800	112500	131600	141600
9	71100	77100	81700	85300	105300	105900	115900	135500	145800
10	73200	79400	84200	87900	108500	109100	119400	139600	150200
11	75400	81800	86700	90500	111800	112400	123000	143800	154700
12	77700	84300	89300	93200	115200	115800	126700	148100	159300
13	80000	86800	92000	96000	118700	119300	130500	152500	164100
14	82400	89400	94800	98900	122300	122900	134400	157100	169000
15	84900	92100	97600	101900	126000	126600	138400	161800	174100
16	87400	94900	100500	105000	129800	130400	142600	166700	179300
17	90000	97700	103500	108200	133700	134300	146900	171700	184700
18	92700	100600	106600	111400	137700	138300	151300	176900	190200
19	95500	103600	109800	114700	141800	142400	155800	182200	195900
20	98400	106700	113100	118100	146100	146700	160500	187700	201800
21	101400	109900	116500	121600	150500	151100	165300	193300	207900
22	104400	113200	120000	125200	155000	155600	170300	199100	
23	107500	116600	123600	129000	159700	160300	175400	205100	
24	110700	120100	127300	132900	164500	165100	180700		
25	114000	123700	131100	136900	169400	170100	186100		
26	117400	127400	135000	141000	174500	175200	191700		
27	120900	131200	139100	145200	179700	180500	197500		



28	124500	135100	143300	149600	185100	185900	203400
29	128200	139200	147600	154100	190700	191500	
30	132000	143400	152000	158700	196400	197200	
31	136000	147700	156600	163500	202300	203100	
32	140100	152100	161300	168400			
33	144300	156700	166100	173500			
34	148600	161400	171100	178700			
35	153100	166200	176200	184100			
36	157700	171200	181500	189600			
37	162400	176300	186900	195300			
38	167300	181600	192500	201200			
39	172300	187000	198300				
40	177500	192600					

**Pay Band****5th PPC****37400-67000 (PB-5)**

<b>Grade Pay</b>	<b>8600</b>	<b>8700</b>	<b>8800</b>	<b>8900</b>	<b>10000</b>
<b>Initial Pay</b>	<b>46000</b>	<b>46100</b>	<b>46200</b>	<b>48590</b>	<b>54700</b>
<b>Group</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>
<b>Index</b>	<b>2.67</b>	<b>2.67</b>	<b>2.67</b>	<b>2.67</b>	<b>2.72</b>
<b>Level as per 6th PPC</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>31</b>
<b>1</b>	<b>122800</b>	<b>123100</b>	<b>123400</b>	<b>129700</b>	<b>148800</b>
2	126500	126800	127100	133600	153300
3	130300	130600	130900	137600	157900
4	134200	134500	134800	141700	162600
5	138200	138500	138800	146000	167500
6	142300	142700	143000	150400	172500
7	146600	147000	147300	154900	177700
8	151000	151400	151700	159500	183000
9	155500	155900	156300	164300	188500
10	160200	160600	161000	169200	194200
11	165000	165400	165800	174300	200000
12	170000	170400	170800	179500	206000
13	175100	175500	175900	184900	212200
14	180400	180800	181200	190400	218600
15	185800	186200	186600	196100	
16	191400	191800	192200	202000	
17	197100	197600	198000	208100	
18	203000	203500	203900	214300	
19	209100	209600	210000		

The Board of Management in its 306<sup>th</sup> meeting held on 30.03.2022 approved the implementation of 7<sup>th</sup> CPC pay scales to the employees (Technical & Administrative) working at Krishi Vigyan Kendras (ICAR schemes). The detail is as under :-

Post	Approved pay band and grade pay in 6 <sup>th</sup> CPC	Approved pay level in 7 <sup>th</sup> CPC
Programme Assistant/ Farm Manager(T-4)	PB-2, Rs.9300-34800 + GP Rs.4200	Level-6
Assistant	PB-2, Rs.9300-34800 + GP Rs.4200	Level-6
Stenographer Gr-III	PB-1, Rs.5200-20200 + GP Rs.2400	Level-4
Driver(T-1)	PB-1, Rs.5200-20200 + GP Rs.2000	Level-3
Skilled Supporting staff	PB-1, Rs.5200-20200 + GP Rs.1800	Level-1

**In pursuance of the decision taken in 298<sup>th</sup> meeting held on 31.08.2020 and 306<sup>th</sup> meeting held on 30.03.2022 of the Board of Management the following posts in PAU, in future, are to be filled up in the initial pay as notified by the Punjab Govt. in accordance with the Punjab Government letter dated 17.07.2020:-**

<b>Sr. No</b>	<b>Name of the post</b>	<b>Pay scale as on 1.1.2006</b>	<b>Minimum admissible pay as per 17.7.2020</b>
1.	Associate Professor	37400-67000 + 9000 AGP	78,800 on provisional basis
2.	Assistant professor	15600-39100 + 6000 AGP	56,100 on provisional basis
3	Senior Assistant	10300-34800 +3800 GP	35400(level-6)
4	Senior Scale Stenographer	10300-34800 +3800 GP	35400(level-6)
5	Junior Engineer	10300-34800 +3800 GP	35400(level-6)
6	Draftsman	10300-34800 +3800 GP	35400(level-6)
7	Junior Scale Stenographer	5910-20200 + 2800 GP	29200(Level-5)
8	Junior Draftsman	5910-20200 + 2400 GP	25500(Level-4)
9	Surveyor	5910-20200 + 2400 GP	25500(Level-4)
10	Steno-typist	5910-20200 + 2000 GP	21700(Level-3)
11	Clerk	5910-20200 + 1900 GP	19900(Level-2)
12	Junior Technician	5910-20200 + 1900 GP	19900(Level-2)
13	Sub Divisional Engineer	15600-39100 + 5400 GP	47600 (Level-8)
14.	Staff Nurse	5910-20200 + 2800 GP	29200(Level-5)
15	Messenger to be appointed on compassionate ground	4900-10680 + 1650 GP	18000 (minimum admissible pay)
16	Driver to be appointed on compassionate ground	5910-20200+ 2000 GP + 1400 SA	21700 (minimum admissible pay)
17	Messenger	4900-10680 + 1650 GP	18000 (minimum admissible pay)

**General Conversion Table**

Sr. No.	Pre-revised		Revised				Initial Pay
	Group	Pay Scale	Pay Band	Group	Corresponding Pay Bands	Grade Pay	
1	2	3	4	5	6	7	8
1.	D	2520-100-3220-110-3660-120-4140	PB 1	D	4900-10680	1300	6200
2.	D	2720-100-3220-110-3660-120-4260	PB 1	D	4900-10680	1400	6700
3.	D	2820-100-3220-110-3660-120-4260-140-4400	PB 1	D	4900-10680	1650	6950
4.	C	3120-100-3220-110-3660-120-4260-140-4400-150-5000-160-5160	PB 2	C	5910-20200	1900	7810
5.	C	3120-100-3220-110-3660-120-4260-140-4400-150-5000-160-5800-200-6200	PB 2	C	5910-20200	1950	7960
6.	C	3330-110-3660-120-4260-140-4400-150-5000-160-5800-200-6200	PB 2	C	5910-20200	2000	8240
7.	C	4020-120-4260-140-4400-150-5000-160-5800-200-6200	PB 2	C	5910-20200	2400	9880
8.	C	4400-150-5000-160-5800-200-7000	PB 2	C	5910-20200	2800	11170
9.	C	4550-150-5000-160-5800-200-7000-220-7220	PB 2	C	5910-20200	3000	11470
10.	C	5000-160-5800-200-7000-220-8100	PB 3	C	10300-34800	3200	13500
11.	C	5480-160-5800-200-7000-220-8100-275-8925	PB 3	C	10300-34800	3600	14430
12.	C	5800-200-7000-220-8100-275-9200	PB 3	B	10300-34800	3800	14590
13.	B	6400-200-7000-220-8100-275-10300-340-10640	PB 3	B	10300-34800	4200	16290
14.	B	7000-220-8100-275-10300-340-10980	PB 3	B	10300-34800	4400	17420
15.	B	7220-220-8100-275-10300-340-10980	PB 3	B	10300-34800	4600	18030
16.	B	7220-220-8100-275-10300-340-11320	PB 3	B	10300-34800	4800	18250
17.	A	7220-220-8100-275-10300-340-11660	PB 3	A	10300-34800	5000	18450
18.	A	7880-220-8100-275-10300-340-11660	PB 3	A	10300-34800	5400	20800
19.	A	7880-220-8100-275-10300-340-12000-375-13500	PB 4	A	15600-39100	5400	21000
20.	A	9200-275-10300-340-12000-375-13500-400-13900	PB 4	A	15600-39100	5700	22820
21.	A	9750-275-10300-340-12000-375-13500-400-14700	PB 4	A	15600-39100	6000	24140
22.	A	10025-275-10300-340-12000-375-13500-400-15100	PB 4	A	15600-39100	6600	25250
23.	A	12000-375-13500-400-15100	PB 4	A	15600-39100	7400	31120
24.	A	12000-375-13500-400-15500	PB 4	A	15600-39100	7600	31320
25.	A	12000-375-13500-400-15900-450-16350	PB 4	A	15600-39100	7800	31520
26.	A	13125-375-13500-400-15900-450-16350	PB 4	A	15600-39100	8200	32620
27.	A	13500-400-15900-450-16800	PB 4	A	15600-39100	8400	33510
28.	A	14300-400-15900-450-18150	PB 5	A	37400-67000	8600	46000
29.	A	14300-400-15900-450-18600	PB 5	A	37400-67000	8700	46100
30.	A	14300-400-15900-450-18600-500-20100	PB 5	A	37400-67000	8800	46200
31.	A	16350-450-18600-500-20100	PB 5	A	37400-67000	8900	48590
32.	A	18600-500-22100	PB 5	A	37400-67000	10000	54700

**Rates for testing of agro chemicals including growth regulator/ hormones, fertilizer, residue composer, bio-fertilizer, bio-agents etc.**

<b>Sr. No.</b>	<b>Item</b>	<b>Revised Rates (In Rs.)</b>	<b>Duration of Evaluation</b>
1.	New Chemical/ molecules/ compounds (including Growth Regulators/hormones, fertilizers, residue decomposer etc.) (i) Charges for testing (ii) Charges for conducting adaptive trials	5,00,000 2,00,000	2 years 1 years
2.	New Brand / Formulation (i) Charges for testing (ii) Charges for conducting adaptive trials	3,00,000 2,00,000	1 Years 1 Years
3.	Bio-fertilizers and Bio-agents etc. (i) Charges for testing (ii) Charges for conducting adaptive trials	3,00,000 1,50,000	2 Years 1 Years

**Note: GST will be charged extra, as applicable.**

**Testing fee for the evaluation of transgenic/ Non-transgenic varieties/ hybrids of different crops.**

<b>Sr. No.</b>	<b>Item</b>	<b>Revised Rates (In Rs.)</b>	<b>Revised Rates</b>
1.	Transgenic Varieties/ Hybrids	1 <sup>st</sup> 2 <sup>nd</sup> 3 <sup>rd</sup>	2,50,000 2,50,000 3,00,000
2.	Conventional ( Non- transgenic Varieties/ Hybrids)	1 <sup>st</sup> 2 <sup>nd</sup> 3 <sup>rd</sup>	2,50,000 2,50,000 3,00,000
3.	Charges for inclusion in the Package of Practices.		-
4.	Screening of germplasm lines (upto 25 numbers) of different crops against important pests and diseases prevalent in Punjab State.	One year	2,50,000

**Note: GST will be charged extra, as applicable.**

Procedure for the evaluation of varieties / hybrids etc. also is attached.

## **Procedure for evaluation of hybrids/varieties etc.**

### **1<sup>st</sup> year**

The varieties/hybrids will be tested at two locations. Data on yield and other important agronomic characters will be recorded including reactions to diseases and pests under natural conditions. The data will be supplied to the sponsors who will inform whether or not they want further testing of their hybrids/varieties.

### **2<sup>nd</sup> year**

The promising hybrids/varieties will be tested in the multilocation trials at four or more locations. Data will be recorded as above. In addition, hybrids/varieties will be evaluated for reactions to diseases and pests under artificial conditions and also for important quality parameters.

### **3<sup>rd</sup> year**

The testing of the hybrids/varieties in multilocation trials and recording of data as above will continue. In addition, the hybrids/varieties will be tested in required agronomic trials.

### **4<sup>th</sup> year**

If found promising, the hybrids will be tested in adaptive trials by the university without charging any fee.

- In case any experiment could not be conducted properly due to some reasons the same may be repeated next year.
- The year-wise schedule of new expenditure is to be proposed as per requirement of above said guidelines.
- In case all the funds are received from the Project Director/ Project Coordinator of All India Coord. Research Project, the experiment will be conducted as per guidelines by the Project Director/ Coordinator.

Director of Research

***Information to be provided by the employee for the preparation of Pension case who is going to retire within the year.***

***[Information should be filled in capital letters (Neat & Clean)]***

Name			
Father's Name			
Date of Birth			
Permanent residential address showing Village, town, district and state			
Present residential address			
Address after retirement			
Detail of family			
Sr. No	Name	Relationship	Date of Birth

Whether pension is to be commuted

YES/NO

(With Signatures)

Photographs

Three Joints

Five Individuals



FORM FOR ASSESSING PENSION AND GRATUITY  
(Reference Rule IX.10 (1), IX II, IX 12, IX 24 (3))  
PAN PEN-1

1.	Name of the University Employee	:	
2.	Father's Name (and also husband's name in the case of female university employee)	:	
3.	Date of birth (by Christian era)	:	
4.	Permanent residential address showing Village, town, district and state	:	
5.	Present or last appointment including the name of establishment	:	
6.	Date of beginning of service in the university	:	
7.	Date of ending of service	:	
8 i)	Total period of military service for which pension or gratuity was sanctioned	:	Nil
ii)	Amount and nature of any pension or gratuity received for previous military service	:	Nil
9.	Amount and nature of any pension / gratuity received for previous civil service	:	Nil
10.	Government organization under which service has been rendered in order of employment	:	NA
11.	Class of pension applicable	:	As above
12.	Details of service rendered as provided under clause 3.9 of the statutes	:	Nil
13.	The date on which action initiated to :		
i)	Obtain the (no demand certificate) from the Estate Officer as provided in Rule IX.9 (4)	:	-do-
ii)	Assess the service and emoluments qualifying for pension as provided in Rule IX.10.	:	-do-
iii)	Assess the university dues other than the dues relating to the allotment of university accommodation as provided in Rule IX X IX 22.	:	-do-

14.	Details of omissions, imperfections of deficiencies in the service book which have been ignored under IX 10 (b) (ii)	:	
15 a)	Total length of qualifying service (for the purpose of adding towards broken periods a month is reckoned as thirty days).	:	
b)	Service counted for pension under clause 3.13 & 3.14 of the statutes	:	
16.	Periods of non-qualifying service	:	
i)	Interruption in service condoned	:	
ii)	Period of Extra ordinary leave (EOL)	:	
iii)	Period of suspension if any which is not countable for pension	:	
iv)	Any other service not treated as chargeable for pension	:	
v)	Add : Service under clause 3.9	:	
	Net Qualifying service	:	
17.	Emoluments reckoning for Gratuity	:	
18.	Average emoluments for pension	:	

In a case where the last ten months include some period not to be reckoned for calculation average emoluments an equal period backward has to be taken for calculating average emoluments. The calculation of average emoluments should be based on actual minimum days contained in each month.

19.	Date on which PAU PEN 8 has been obtained from the university employee (To be obtained eight months before the date of superannuation of university employee).	:	
20 I)	Proposed Pension	:	
ii)	Proposed Graded relief	:	
21.	Proposed Death cum Retirement Gratuity	:	
22.	Date from which pension is to be commence	:	
23.	Proposed amount of provisional pension (If department or judicial proceedings is instituted against the university employee before retirement (Rule IX.18).	:	

24.	Details of university dues recoverable out of Gratuity.	:	Nil
i)	License fees for the allotment of university accommodation (rule IX.21).	:	Nil
ii)	Dues referred to in Rule IX.22	:	Nil
25.	Whether nomination made for Death cum Retirement Gratuity	:	Not applicable
26.	Whether family pension applies to the university employee and if so	:	YES
i)	Emoluments reckoning for the family pension	:	
ii)	The amount of the family pension becoming payable to the family of the university employee, if death takes place after retirement	:	30% of pay subject to the minimum of Rs 4000/-
	Family pension admissible if death takes place before attaining the age of 67 years under clause 5.1 A or upto seven years of death.	:	
	Family pension admissible if death takes place after attaining the age of 67 years under clause 5.1 B or after seven years of death of employee while in service	:	
iii)	Complete and up to date details of family as given below:		
S. No.	Name of the member of the family	Date of Birth / Age	Relationship with the employee
1.			
2.			
3.			
4.			

27.	Height	:	
28.	Identification marks	:	
29.	Place of payment of pension	:	
30.	Head of the account to which pension and Gratuity are debatable	:	

Signatures of the DDO

To

The Comptroller (Pension)  
PAU Ludhiana.

(Through proper channel)

Subject : Pension case of.....  
(Date of Retirement :.....)

Sir,

***I hereby undertakes that :***

- I undertake that I or in the case of my death, my heirs will refund the amount of pension, adhoc increase, temporary increase / adhoc relief or any other kind of increase of pension / or any other benefits, if any paid to me erroneously or in excess of that due to me.
- I undertake that I am not getting any other pension.
- I opts to draw 30% commutation pension as per latest pension rule.
- I opts that my pension may be calculated on the basis of last pay drawn (Rule 3.1).
- I hereby undertakes to recover the university share of CPF from the final dues viz. DCRG, Commuted value of pension, GPF amount. If the amount still falls short, I shall pay the same to the Punjab Agricultural University, Ludhiana through bank draft on demand.

Thanks,

Yours faithfully,

[.....]

Designation.....

Office.....

PAU, Ludhiana.

Counter signed

Signatures of the DDO

PAU PEN 7

(FORM OF APPLICATION FOR COMMUTATION OF PENSION WITHOUT  
MEDICAL EXAMINATION)

[To be filled in Duplicate]  
(Reference Rule VII.5)

To

The Comptroller (Pension)  
PAU Ludhiana.

Subject : Commutation of Pension without Medical Examination.

Sir,

I furnish below the relevant particulars and request that I may be permitted to commute a part of my pension as indicated below (an attested copy of my latest photograph is pasted on the application and unattested is enclosed :

1.	Name in BLOCK LETTERS	
2.	Father's name (and also husband's name in the case female employee)	
3.	Designation	
4.	Date of Birth	
5.	Date of retirement / superannuation or extension granted, if any.	
6.	Fraction of superannuation pension proposed to be commuted	
7.	Name of the office / department in which employed	
8.	Name of the Pension Disbursing authority and place from which pension is to be drawn	
9.	Amount of pension sanctioned	

**Signatures of the employee**

Dated :

Forwarded to the Comptroller, Punjab Agricultural University, Ludhiana for authorization the payment of the commuted value.

Signatures of the DDO

Place : Ludhiana.

Dated :

**PAU PEN 8****PARTICULARS TO BE OBTAINED BY THE DDO FROM THE RETIRING UNIVERSITY EMPLOYEE EIGHT MONTHS BEFORE THE DATE OF RETIREMENT**

1.	Name of the University Employee		
2.	Date of Birth / Retirement		
3.	Two specimen signatures duly attested (To be furnished on a separate sheet)		
4.	Three copies of the passport size joint photographs of the employee with his /her wife / husband		
5.	Two slips showing the particulars of height and personal identification on marks duly attested		
6.	Present Address		
7.	Address after retirement		
8.	Name of the Bank through which the employees wants to draw his pension		
9.	Details of family		
S. No.	Name of the member of the family	Date of Birth / Age	Relationship with the employee
1.			
2.			
3.			
4.			

**Signatures of the Retiring University Employee**

- Two slips each bearing the left hand thumb and fingers impression attested may be furnished by a person who is not literate enough to sign his name. If such an employee on account of physical disability is unable to give left hand thumb and fingers impression, he may give thumb and fingers impression of the right hand when a university employee has lost both the hands he may give his toe impression which should be duly attested.
- Only two copies of passport size of self heed be furnished if the university employee is a nominee or a widower or widow.
- Where it is not possible for a university employee to submit a photograph with his wife / her husband, he/she submit separate photographs. The photographs should be attested in the front by the DDO.
- Any change of address should be notified to the DDO / Comptroller promptly.

Countersigned

Drawing & Disbursing Officer

**Detail of family in respect of .....**

S. No.	Name of the member of the family	Date of Birth / Age	Relationship with the employee
1.			
2.			
3.			
4.			

Signatures of the employee

**Permanent Address**

**Address after retirement**

Specimen Signatures **in respect of** .....

.

.....

.....

.....

Attested

Head of the Dept.



Identification Marks **in respect of** .....

Date of Birth  
(By Christian era)

Height

Personal remarks of the identification

Two passport size photographs of the applicant  
duly attested

Attached

Attested

Signature of the DDO

Non –Employment certificate of -----

I am No employed in any Govt./semi Govt. or autonomous body

Signature of the retiree

Countersigned

Head of the Department/Office