



Progress Report
of
Strengthening and Development Grant to Agricultural
Universities
(2024-25)

Submitted to
Indian Council of Agricultural Research
New Delhi

Submitted by
Punjab Agricultural University
Ludhiana

**Annual Progress Report of Strengthening and Development Grant to
Agricultural Universities (2024-25)**

- 1. Financial Year of Report:** 2024-25
- 2. Name of the Vice Chancellor along with his Date of Joining:** Sh. Satbir Singh Gosal
Date of Joining – 19.08.2022
- 3. Whether Present Vice Chancellor is Permanent or Acting:** Permanent
- 4. Year of Establishment of the university:** 1962
- 5. Details of the Nodal Officer for Agricultural Education Division, ICAR (Please also provide mobile no and email):**

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6. Brief Introduction along with Mandate and Objective of the University:

The Punjab Agricultural University (PAU) was established in 1962 on the pattern of Land Grant System of USA. At present there are six constituent colleges at PAU namely, College of Agriculture, PAU College of Agriculture Ballawal Saunkhri, College of Agricultural Engineering & Technology, College of Community Science, College of Basic Sciences & Humanities and College of Horticulture & Floriculture. The University has 32 departments and three schools. The Punjab Agricultural University has competent faculty to fulfil its mandate of research, education and extension work.

The University has attained a special status in the history of Indian agriculture for its pivotal role in ushering in the Green Revolution in India. This is a pioneer State Agricultural University (SAU) of India, well known for its research, education and extension in agriculture with a well-established academic and research infrastructure. There are seven Regional Research Stations, three Fruit Research Stations, one vegetable Research Station and five Seed Farms. Besides, the University has played a pivotal role in making the country self-sufficient in food grain production and has recommended more than 971 varieties/ hybrids of different crops out of which 244 have been released at the national level. The productivity of wheat increased from 1.2 t/ha in 1960-61 to 5.19 t/ha and to an estimated 4.71 t/ha in 2022-2023 and of paddy from 1.55 t/ha to 6.47 t/ha record in 2022-2023. The cropping intensity in the State increased from 126% during 1960-61 to nearly 189.7%. Concerted efforts towards strengthening technology base in diversification crops has led to gradual increase in area under fruit crops (83.6 thousand ha in 2017-18, 86.8 in 2018-19, 90.4 in 2019-20, 93.6 thousand ha in 2020-21, 96.7 in 2021-22 to 99.7 thousand ha in 2022-23). Area under vegetable crops has also been going up (258.5 thousand ha in 2017-18, 273.6 in 2018-19, 289.4 in 2019-20, 305.4 thousand ha in 2020-21, 321.5 in 2021-22 and to 338.8 thousand ha in 2022-23). The university technologies continue to invite considerable

commercial interest. During 2023, 47 MoAs were signed to commercialize a range of varietal, farm machinery and processing technologies.

The PAU is also well known for its high academic standards. The University is imparting education in 92 academic programmes of which 11 are Undergraduate, 47 are Masters and 30 are Doctorate programmes. Two diploma and two certificate courses are also offered by PAU. In total, 4360 students have been on the rolls of PAU during the academic year 2024-25. Of these, 2616 students are in Undergraduate, 1128 in Masters and 541 in Doctorate programme while 75 students belong to Diploma Courses. At present 47% students are boys and 53% are girls. Institutes of Agriculture have been established at Gurdaspur and Bathinda where students are admitted for the initial 2 years of 6-years B.Sc. programme. Mostly rural students (about 90%) are admitted in these institutes. PAU is also a preferred destination of foreign students. Presently, 24 students from countries such as Bangladesh, Egypt, Eswatini, Ghana, Myanmar, Nepal, Syria, South Africa, Sri Lanka, Swaziland are studying in different (UG) and (PG) programmes.

There is a strong research-extension worker-farmer linkage between PAU and state development departments. PAU pioneered of the concept of Farmer's Service Centre, which was adopted by the ICAR as Agriculture Technology Information Centre (ATIC). PAU is known for its excellent rapport with the farming community through the network of 15 District Extension Centres, 18 Krishi vigyan Kendras and Agricultural Technology Information Centre at Ludhiana. Knowledge relating to technologies generated by the University is transferred to the stake holders by organizing annually 14 Kisan Melas which are attended by about 3 to 4 lakh farmers. The University is connected with 5 lakh farmers through mobile messaging services and has enrolled 7108 Kisan Doots through email for quick dissemination of farm technologies. Punjab Agricultural University has established Punjab's first Skill Development Centre in agriculture with an aim to capacity building in agriculture as well as allied sectors and bridges the gap between laboratories and farm under the National Skill Development Mission. Food Industry Business Incubation Centre has also been established by Punjab Agricultural University to provide incubation facilities to the food industry, young entrepreneurs and farmers and to develop and upscale technologies for processing and value addition of agricultural produce. PAU, weekly digital newspaper Kheti Sandesh is being sent to 9 lakh farmers regularly.

Mandate

- Imparting education in agriculture, agricultural engineering, home science and other allied sciences.
- Conducting research and seeking solutions to emerging problems in agriculture and allied sciences.
- Transfer of technology to farmers and agricultural organizations.
- Providing diverse technical services and consultancy in agro industry

7. No. of Constituent Colleges:

6

8. No. of Affiliated Colleges:

Nil

9. Details of all Constituent College:

SN	Name of	Year of	Location of along	Designation of	Telephone	Official Email of
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	Constituent College	Establishment	with		Head of Colleges (Dean/Associate Dean/Directors)	No.	College
			Place	District			
1.	College of Agriculture	1957	Ludhiana	Ludhiana	Dean	0161-2403006	deancoa@pau.edu
2.	College of Agricultural Engineering & Technology	1964	Ludhiana	Ludhiana	Dean	0161-2402456	deancoaet@pau.edu
3.	College of Community Science	1966	Ludhiana	Ludhiana	Dean	0161-2403179	deanhsc@pau.edu
4.	College of Basic Sciences & Humanities	1965	Ludhiana	Ludhiana	Dean	0161-2403533	deancobsh@pau.edu
5.	College of Horticulture and Forestry	2019	Ludhiana	Ludhiana	Dean	0161-241960-79 Ext.281	deancohf@pau.edu
6.	PAU-College of Agriculture, Ballawal Saunkhri	2021	Ballawal Saunkhri	SBS Nagar	Dean-cum-Director	9888014851	deancoabs@pau.edu

10. Academic Programmes in University/ all Constituent Colleges/Faculty:

S N	Name of the Constituent College/Faculty	Bachelor's		Master's		Ph. D.		Others including	
		Programme	Duration	Programme	Duration	Programme	Duration	Programme	Duration
1.	College of Agriculture	B.Sc. (Hons) Agriculture	4 years	Agricultural Extension Education	2 years	Agricultural Extension Education	3 years	Diploma in Agriculture	2 years
		B.Sc. (Hons) Agriculture (2+4) at Institute of Agriculture, Gurdaspur/ Bathinda	6 years	Agricultural Meteorology	2 years	Agricultural Meteorology	3 years		
		B.Tech. (Biotechnology)*	4 years	Agronomy	2 years	Agronomy	3 years		
		B.Tech. (Food Technology)*	4 years	Entomology	2 years	Entomology	3 years		
				Food Technology (Processing Technology)	2 years	Food Technology (Processing Technology)	3 years		

				Genetics & Plant Breeding	2 years	Genetics & Plant Breeding	3 years		
				Plant Pathology	2 years	Plant Pathology	3 years		
				Soil Science	2 years	Soil Science	3 years		
				Molecular Biology & Biotechnology	2 years	Molecular Biology & Biotechnology	3 years		
2.	PAU College of Agriculture Ballawal Saunkhri	B.Sc. (Hons) Agriculture	4 years	Horticulture (Fruit Science)	2 years	Horticulture (Fruit Science)	3 years		
3	College of Horticulture & Forestry	B.Sc. (Hons) Horticulture	4 years	Horticulture (Vegetable Science)	2 years	Horticulture (Vegetable Science)	3 years		
				Horticulture (Floriculture & Landscaping)	2 years	Horticulture (Floriculture & Landscaping)	3 years		
				Forestry (Silviculture & Agroforestry)	2 years				
4.	College of Agricultural Engineering & Technology	B.Tech. (Agricultural Engineering)	4 years	Artificial intelligence & Data Science in Agriculture *	2 years	Irrigation & Drainage Engineering	3 years	PG Diploma in Robotics and Mechatronics in Agriculture *	
				Civil Engineering (Hydrology & Water Resources Engineering /Structural Engineering)	2 years	Farm Machinery & Power Engineering	3 years		
				Computer Science & Engineering	2 years	Processing & Food Engineering	3 years		
				Farm Machinery & Power Engineering	2 years	Soil & Water Conservation Engineering	3 years		
				Irrigation and Drainage Engineering	2 years	Renewable Energy	3 years		
				Processing & Food Engineering	2 years				
				Soil & Water Conservation Engineering	2 years				
				Master of Computer Applications (MCA)*	2 years				

				Remote Sensing & Geographic Information System*	2 years				
5.	College of Basic Sciences & Humanities	B.Sc. (Hons.) Agribusiness Management*	4 years	Biochemistry *	5 years Integrated	Agricultural Economics	3 years		
		Integrated M.Sc. (Hons)* programme in Biochemistry, Botany, chemistry, Microbiology, Physics and Zoology	5 years	Botany*	5 years Integrated	Biochemistry	3 years		
				Chemistry*	5 years Integrated	Botany	3 years		
				Microbiology *	5 years Integrated	Business Administration	3 years		
				Zoology*	5 years Integrated	Chemistry	3 years		
				Physics*	5 years Integrated	Microbiology	3 years		
				Agricultural Economics	2 years	Sociology	3 years		
				Business Administration (Agri-Business)	2 years	Zoology	3 years		
				Business Administration	2 years				
				Biochemistry	2 years				
				Botany	2 years				
				Chemistry	2 years				
				Journalism & Mass Communication	2 years				
				Microbiology	2 years				
				Physics	2 years				

				Sociology	2 years				
				Agricultural Statistics	2 years				
				Zoology	2 years				
				Mathematics	2 years				
6.	College of Community Science	B.Sc. (Hons.) Community Science	4 years	Apparel & Textile Science	2 years	Apparel & Textile Science	3 years	Certificate Course in Early Childhood Care & Education	1 year
		B.Sc. (Hons.) Nutrition & Dietetics*	4 years	Extension Education & Communication Management	2 years	Resource Management & Consumer Science	3 years	Certificate Course in Interior Design and Decoration	1 year
		B.Sc. (Hons) Fashion Designing	4 Years	Human Development & Family Studies	2 years	Food & Nutrition	3 years		
				Resource Management & Consumer Science	2 years	Extension Education & Communication Management	3 years		
				Food & Nutrition	2 years	Human Development and Family Studies	3 years		

11. Student Status in University/ all Constituent Colleges/Faculty:

SN	Name of College	Parameters	Numbers				
			Bachelor's	Master's	Ph.D.	Others including Diploma	Total
		Intake/Year (for all courses)	837	719	246	60	1862
		Total Enrolled	767	495	147	50	1459
		Passed Out (%)	71.96%	69.29%	92.5%	16%	71.14%

12. Category wise total number of students in the university during the reported period (including off campus colleges of the Universities)

	No. of students					
	SC	ST	OBC	ESW	General	Total
Bachelor's	554	01	221	-	1806	2582
Master's	189	13	54	-	872	1128
Ph. D.	17	04	19	-	501	541
Others	06	-	01	-	102	109

13. Gender Pattern amongst Students Enrolled in University/ Constituent College/Faculty:

SN	Name of College	Parameters	Numbers (including 1 st , 2 nd , 3 rd , 4 th , 5 th , and 6 th year as applicable)			
			Bachelor's	Master's	Ph. D.	Total
		Male	1338	486	145	1969
		Female	1244	642	396	2282
		Total	2582	1128	541	4251

14. Present Faculty Strength in the University/ College/ Faculty:

SN	Name of the University/ College/ Faculty	No. of Total Sanctioned				In Position (No. of Faculty based on present Designation)			
		Prof.	Assoc. Prof.	Asst. Prof.	Total	Prof.	Assoc. Prof.	Asst. Prof.	Total
1		339	248	773	1360	265	121	400	786

15. Details of Hostels in the University including Constituent College:

Name of Hostel	Type of Hostel (Boys/ Girls /international)	Place with District	Wi-Fi	Accommodation Facilities in Number			Alternative Arrangements	
				Rooms	Beds	Total no. of allotted Beds	Rooms	Beds
Hostel No. 1	Boys	PAU, Ludhiana	Yes	114	219	219	-	-
Hostel No. 2	Boys	PAU, Ludhiana	Yes	114	244	204	-	-
Hostel No. 4	Boys	PAU, Ludhiana	Yes	107	213	213	One	Two
Hostel No. 5	Girls	PAU, Ludhiana	Yes	106	138	138	-	-
Hostel No. 6	P.G. (Girls)	PAU, Ludhiana	Yes	77	280	280	-	62
Hostel No. 7	P.G. (Boys)	PAU, Ludhiana	Yes	155	155	151	(One Guest Room)	Two
Hostel No. 10	Girls	PAU, Ludhiana	Yes	30	90	90	-	-
Hostel No. 11	Girls	PAU, Ludhiana	Yes	Cubical-30 Dormitory-524 Total 554	554	554	-	-
Hostel No.	Girls	PAU, Ludhiana	Yes	7x4=28	164	142	-	-

12				38x3=114 Total=142				
Hostel No. 13	Boys	PAU, Ludhiana	No	65	140	140	-	-
Hostel No. 14	Girls	PAU, Ludhiana	Yes	47	141	141	-	-
Hostel No. 15	Boys	PAU, Ludhiana	No	50x2=100 36x3=108 Total=208	229	229	-	-
Hostel No. 16	Girls	PAU, Ludhiana	Yes	36x3=108	108	108	-	-
ISH	National	PAU, Ludhiana	Yes	38	53	11	-	-

16. Budgetary Support to the University:

(Rs. In lakh)

Budget Heads	Total Funding form State Government				Funding support from ICAR(Rs. lakh)				Total ICAR support	Any other central funding* *	Grand Total
					Education Division	AICRP	KVK	Any other ICAR support *			
	State 1	Amir c 2	Others 3	Total 1+2+3=4	5	6	7	8	(5+6+7+8) = 9	10	4+8+10
Salary	54500.00	81.91	0	54581.91	0	6510.00	6542.76	0	13052.76	802.37	68437.04
Capital	0	0	2000 (Capital Grant) 1819.49 (RKVY)	3819.49	354.19	134.41	758.77	55.26	1302.63	289.12	5411.24
Revenue	0	0	971.84 (RKVY)	971.84	311.21	792.62	1736.06	617.30	3457.19	2009.44	6438.47
Total	54500.00	81.91	4891.33	59373.24	665.40	7437.03	9037.59	672.56	17812.58	3100.93	80286.75

* Including Development Grant, Student READY, NTS, JRF/SRF Fellowship

* Including Network Project, NICRA etc.

* Including DST, DBT Inspire fellowship, ICSSR fellowship

The above information is unaudited because all AUC's has not been yet completed

17. Total amount of Revenue Generation from all Sources by Agriculture University including off campus colleges (give in tabular form):

*Revenue Generation from all sources by Punjab Agricultural University during the year 2024-25		
Sr. No.	Head	Amount (Rs)
1	Consultancies	3,09,235
2	Certification	1,77,88,226
3	Testing	1,03,66,882
4	Tuition Fee	21,50,81,387
5	Licensing	5,19,79,157
6	Training	37,41,991
7	Sale Of Inputs	40,88,97,007
8	Commercialization Of Technologies	2,72,582
9	Any Other (Please Specify)	
	1. Application Fees	6,35,87,838
	2. Library Section	9,71,354
	3. Sale Of Scrap and Damage/Cutdown Tree	5,01,059
	4. Misc.Income/Interest/Unspent Adv./Recovery	26,86,81,487
	Total	1,04,21,78,205

* Subject to Audit and Reconciliation.

* Source – PAU Accounting software – Income Report

18.All New/Existing Civil Works Repair & Renovation under taken out of the Development Grant (Details of each civil work must be reflected in the table as per approved allocation during period under report):

(Rs. In lakh)

SN	Name of the University/ College/ Faculty	Name of the Civil Work undertaken	Location of Civil Work (specify college and place)	Cost	Work Completed/In Process	% ICAR Share	% State Share
	Nil	Nil	Nil	Nil	Nil	Nil	Nil

19.Details of Sports Facilities Strengthened by ICAR:

(Rs. in Lakh)

SN	Name of the University/ College/ Faculty	Location of the facilities & District	List of Sports Facility	Cost
	Nil	Nil	Nil	Nil
Total				

20.Total number of smart class rooms developed (Till date)

College of Agriculture	College of Agril. Engg. & Technology	College of Basic Scs. & Humanities	College of Community Science	College of Horticulture & Forestry
15	04	06	02	05

21.All Equipment purchased/replaced under Development Grants (Details of each equipment must be reflected in the table as per approved allocation during period under report):

(Rs. In lakh)

College of Agriculture

S.No.	Name of the University/ College/ Faculty	Location & District	Name of Laboratory where Equipment installed	Name of equipment	New/ Repair	Cost
1	College of Agriculture	PAU Ludhiana	Lecture room	pH Meter	New	0.23
2	College of Agriculture	PAU Ludhiana	UG Laboratory Department of Soil Science, Ludhiana	Conductivity Meter	New	0.17
3	College of Agriculture	PAU Ludhiana	UG Laboratory Department of Soil Science, Ludhiana	Hydrometer	New	0.10
4	College of Agriculture	PAU Ludhiana	UG Laboratory Department of Soil Science, Ludhiana	Spectrophotometer	New	0.78
5	College of Agriculture	PAU Ludhiana	UG Laboratory Department of Soil Science, Ludhiana	Binocular microscope	New	0.40
6	College of Agriculture	PAU Ludhiana	UG Laboratory Department of Soil Science, Ludhiana	Kjedahl Digestion Heating Block for (40 tubes)	New	0.50
7	College of Agriculture	PAU Ludhiana	Post Graduate Lab, Department of Agronomy, PAU, Ludhiana	Stereo Zoon Microscope (Binocular) (2)	New	1.44
8	College of Agriculture	PAU Ludhiana	Smart class room	Compound Microscope Monocular (5)	New	0.54
9	College of Agriculture	PAU Ludhiana	Molecular Biology Laboratory	Insect Storage Box (30)	New	0.69
10	College of Agriculture	PAU Ludhiana	Entomology Lab	Insect Collecting Net with Aluminium Handles (34)	New	0.17
11	College of Agriculture	PAU Ludhiana	Entomology Lab	UV Transilluminator Dual Wave Length 20x20CM	New	0.90
12	College of Agriculture	PAU Ludhiana	Animal Science Laboratory	Brooder machine	New	0.05605
13	College of Agriculture	PAU Ludhiana	Animal Science Laboratory	Feeder	New	0.013275
14	College of Agriculture	PAU Ludhiana	Animal Science Laboratory	Waterer	New	0.013275
15	College of Agriculture	PAU Ludhiana	Animal Science Laboratory	Egg candling machine	New	0.03245
16	College of Agriculture	PAU Ludhiana	Animal Science Laboratory	De beaker	New	0.10443
17	College of Agriculture	PAU Ludhiana	Animal Science Laboratory	Vaccinator	New	0.07056
18	College of Agriculture	PAU Ludhiana	Animal Science Laboratory	Castrator	New	0.10976
19	College of Agriculture	PAU Ludhiana	Animal Science Laboratory	Electric dehorner	New	0.03987
20	College of Agriculture	PAU Ludhiana	Animal Science Laboratory	Artificial vagina	New	0.01628
21	College of Agriculture	PAU Ludhiana	Animal Nutrition Unit Forage Millet & Nutrition Section	Cattle Crate	New	0.22302

22	College of Agriculture	PAU Ludhiana	UG/PG Lab	Pan Balance	New	0.24957
23	College of Agriculture	PAU Ludhiana	UG/PG Lab	Hand Refractometer	New	0.09983
24	College of Agriculture	PAU Ludhiana	UG/PG Lab	Deep Freezer	New	0.25060
25	College of Agriculture	IOA Gurdaspur	Physics Laboratory	Travelling Microscope (4)	New	0.30
26	College of Agriculture	IOA Gurdaspur	Physics Laboratory	Searl's Apparatus (4)	New	0.12
27	College of Agriculture	IOA Gurdaspur	Physics Laboratory	Compound Microscope (4)	New	0.10
28	College of Agriculture	IOA Bathinda	Biology Lab	Microscope (10)	New	0.435
29	College of Agriculture	IOA Bathinda	Chemistry Lab	ABBE Type Refractometer	New	0.25
30	College of Agriculture	IOA Bathinda	Physics Lab	Travelling Microscope	New	0.064
31	College of Agriculture	IOA Bathinda	Physics Lab	Vernier Calipper (5)	New	0.015
32	College of Agriculture	IOA Bathinda	Physics Lab	Screw Gauge (5)	New	0.016
Total						8.49897

College of Agricultural Engineering & Technology

SN	Name of the University/ College/ Faculty	Location & District	Name of Laboratory where Equipment installed	Name of equipment	New/ Repair	Cost
1	College of Agricultural Engineering & Technology	PAU Ludhiana	Surveying Lab	Surveyor Compass	New	0.02950
2	College of Agricultural Engineering & Technology	PAU Ludhiana	Material Testing lab	Shrinkage test apparatus	New	0.21200
3	College of Agricultural Engineering & Technology	PAU Ludhiana	Environmental Engineering Lab	Portable DO meter	New	0.24957
4	College of Agricultural Engineering & Technology	PAU Ludhiana	Department office	Extension Board	New	0.00893
5	College of Agricultural Engineering & Technology	PAU Ludhiana	APC building	Vacuum Oven and Vacuum Pump	New	0.7500
6	College of Agricultural Engineering & Technology	PAU Ludhiana	Food Packaging Lab	Sieve Bed and Hepa filter	New	0.2950
7	College of Agricultural Engineering & Technology	PAU Ludhiana	College Premises	Solar Street lights (Qty: 3)	New	0.435
8	College of Agricultural Engineering & Technology	PAU Ludhiana	PAUPTC	Analog digital insulation and conductivity tester		0.11000

9	College of Agricultural Engineering & Technology	PAU Ludhiana	Research Hall	Cold Water meter		0.25000
10	College of Agricultural Engineering & Technology	PAU Ludhiana	Water Pollution Lab	BOD Incubator		1.39000
11	College of Agricultural Engineering & Technology	PAU Ludhiana	Mechanical Engineering	Corridor Roof for UG & PG building into green roof		1.57000
12	College of Agricultural Engineering & Technology	PAU Ludhiana	Mechanical Engineering	Refrigerator Rig	New	0.97000
13	College of Agricultural Engineering & Technology	PAU Ludhiana	Mechanical Engineering	emissivity measurement apparatus	New	0.45000
14	College of Agricultural Engineering & Technology	PAU Ludhiana	Mechanical Engineering	Mig welding set	New	0.17500
15	College of Agricultural Engineering & Technology	PAU Ludhiana	Mechanical Engineering	Meter Saw	New	0.18000
16	College of Agricultural Engineering & Technology	PAU Ludhiana	Mechanical Engineering	Lego EVS Controller	New	0.22500
17	College of Agricultural Engineering & Technology	PAU Ludhiana	Farm Machinery	Lawn mower	New	0.33
18	College of Agricultural Engineering & Technology	PAU Ludhiana	Farm Machinery	Brush cutter	New	0.27
19	College of Agricultural Engineering & Technology	PAU Ludhiana	Farm Machinery	Sprinkler and HDPE pipe	New	0.10
Total						8.00

College of Basic Sciences and Humanities

S.No	Name of the University/ College/ Faculty	Location & District	Name of Laboratory where Equipment installed	Name of equipment	New/ Repair	Cost
1	College of Basic Sciences and Humanities	PAU Ludhiana	UG & PG Lab, Biochemistry	Laminar Flow	New	.50
2	College of Basic Sciences and Humanities	PAU Ludhiana	UG & PG Lab, Biochemistry	Conductivity Meter	New	.40
3	College of Basic Sciences and Humanities	PAU Ludhiana	Botany Lab	Weighing Balance	New	.49560
4	College of Basic Sciences and Humanities	PAU Ludhiana	UG Lab, Microbiology	Gel Electrophoresis	New	1.50
5	College of Basic Sciences and Humanities	PAU Ludhiana	Research, UG & PG Laboratories, Chemistry	Analytical Balance (0.0001g)-1 Ultra bath sonicator -1	New	1.016
6	College of Basic	PAU	Physics Lab, Dept. of	Flywheel	New	.05501

	Sciences and Humanities	Ludhiana	Math Stat and Physics			
7	College of Basic Sciences and Humanities	PAU Ludhiana	Physics Lab, Dept. of Math Stat and Physics	Lee Disc method	New	.12998
8	College of Basic Sciences and Humanities	PAU Ludhiana	Physics Lab, Dept. of Math Stat and Physics	Thomson Method experiment	New	.20999
9	College of Basic Sciences and Humanities	PAU Ludhiana	Physics Lab, Dept. of Math Stat and Physics	Thermocouple	New	.06199
10	College of Basic Sciences and Humanities	PAU Ludhiana	Physics Lab, Dept. of Math Stat and Physics	Newtons law of cooling	New	.02500
11	College of Basic Sciences and Humanities	PAU Ludhiana	Physics Lab, Dept. of Math Stat and Physics	Charging and discharging of capacitor	New	.02800
12	College of Basic Sciences and Humanities	PAU Ludhiana	Physics Lab, Dept. of Math Stat and Physics	Young's modulus experiment	New	.03200
13	College of Basic Sciences and Humanities	PAU Ludhiana	Physics Lab, Dept. of Math Stat and Physics	Moment of inertia- different shapes	New	.02800
14	College of Basic Sciences and Humanities	PAU Ludhiana	Physics Lab, Dept. of Math Stat and Physics	Searle's method	New	.11398
15	College of Basic Sciences and Humanities	PAU Ludhiana	Physics Lab, Dept. of Math Stat and Physics	Magnetic stirrer	New	.20
			PG Laboratory, Zoology	Microtome	New	.70
					Total	5.49555

College of Community Science

S.No	Name of the University/ College/ Faculty	Location & District	Name of Laboratory where Equipment installed	Name of equipment	New/ Repair	Cost
1	College of Community Science	PAU Ludhiana	Lab Nursery School	Geyser	New	0.10
2	College of Community Science	PAU Ludhiana	Lab Nursery School	Ac (2 ton)	New	0.60
3	College of Community Science	PAU Ludhiana	Lab Nursery School	Ac (1.5 ton)	New	0.45
4	College of Community Science	PAU Ludhiana	Lab Nursery School	Blower three	New	0.35
5	College of Community Science	PAU Ludhiana	Department of Food and	Double Wall Hot Air Oven	New	0.4779
6	College of Community Science	PAU Ludhiana	Nutrition	Analytical weighing Balance (0.1mg)	New	1.17705
7	College of Community Science	PAU Ludhiana	Department of Food and	Laboratory Centrifuge	New	0.39943
8	College of Community Science	PAU Ludhiana	Nutrition	Magnetic stirrer with hotplate (5mlh)	New	0.23010
9	College of Community Science	PAU Ludhiana	Department of Food and	Vortex shaker	New	0.21552
					Total	4.00

College of Horticulture and Forestry

SN	Name of the University/ College/ Faculty	Location & District	Name of Laboratory where Equipment installed	Name of equipment	New/ Repair	Cost
1	College of Horticulture and Forestry	PAU Ludhiana	Tissue Culture Lab	Precision Balance	New	.56502
2	College of Horticulture and Forestry	PAU Ludhiana	Plant Virology and molecular Laboratory	Nuclease free water distillation assembly	New	1.00
3	College of Horticulture and Forestry	PAU Ludhiana	Research Farm	Solar Dryer	New	1.00
4	College of Horticulture and Forestry	PAU Ludhiana	Tree Protection Lab	Zoom sterio trinocular Microscope	New	.65
5	College of Horticulture and Forestry	PAU Ludhiana	Teaching Lab	Digimatic Caliper 6"	New	.33040
6	College of Horticulture and Forestry	PAU Ludhiana	Teaching Lab	Measuring Tape	New	.01960
Total						3.56502

22. All Information Technology equipments including all Hardware/ Software (Computers/ Laptops/ Printers/ Scanners/ UPS/ Software etc) purchased/replaced out of the Development Grants:

(Rs. In lakh)

SN	Name of the University/ College/ Faculty	Location & District	Name of Laboratory where Equipment installed	Name of equipment	New/ Repair	Cost of equipment
1	College of Agricultural Engineering & Technology	PAU Ludhiana	Committee room	Techno interactive flat panel	New	1.00
2	College of Agricultural Engineering & Technology	PAU Ludhiana	College Classroom	Interactive Flat panel (75") for Smart Class	New	1.92694
3	College of Agricultural Engineering & Technology	PAU Ludhiana	Dean COAE&T	Interactive panel, Flat panel with OPS and UPS alongwith additional 7 no. of UPS 1100VA	New	2.44732
4	College of Agricultural Engineering & Technology	PAU Ludhiana	Dean COAE&T	Portable SSD 500 GB	New	0.05263
5	College of Agricultural Engineering & Technology	PAU Ludhiana	Dean COAE&T	PTZ HD Video Conference camera	New	0.57306
Total						5.99995

23. All Furniture & Fixtures purchase out of Development Grant related to Hostel, Laboratory, Exam hall and Class Rooms:

(Rs. In lakh)

SN	Name of the University/ College/ Faculty	Location & District	Name of Laboratory where Equipment installed	Name of Furniture	New/ Repair	Cost of equipment
1.	Dean, College of Community Science	Ludhiana	Class Rooms	Tables-40 Chairs-40 Almirah-04	New	.133340/-
Total						.133340/-

24. Status, where Internet and Wi-Fi Connectivity not provided in the University/ Constituent College / Faculty/ Hostels:

SN	Name of the Constituent College/ Faculty	Internet	Wi-Fi	Remark, if Any
1	Hostel No. 13	Not available	Not available	-
2	Hostel No. 15	Not available	Not available	-

25. Number of Student Beneficiaries availing RAWE/In Plant Training/Internship under Student READY in the University:

(Rs. In lakh)

SN	Name of the University/ College/ Faculty	No of Students of Beneficiaries along with Stipend given						Total	
		RAWE SC-ST Others		In-plant training		Internship			
		No.	Stipend	No.	Stipend	No.	Stipend	No.	Stipend
1.	College of Agriculture	278	45.592	-	-	-	-	278	45.592
2.	College of Agricultural Engineering and Technology	-	-	-	-	34	5.788	34	5.788
3.	Dean, College of Community Science	13	1.001	51	6.12	-	-	64	7.121

RAWE – Rural Agricultural Work Experience

26. Status of Experiential Learning (EL) Module established in the University:

(Rs. in lakh)

Year	Name of College along with location	Name of the EL Modules	Established with Support from ICAR/University/ State	Nodal Officer of EL module, their mobile no & Email	Grant Received	No. of Students trained under EL	Product being developed under EL	Revenue earned	Revolving Fund Generated	% Share of income distributed to students
2024-25	COA/Plant Pathology	Bioagents Production Unit	ICAR	Dr DS Buttar (M) 9872925785 & E-mail:	Rs. 3.0907/9 (12-13)	15	Trichoderma based Bioformulat	-	-	-

				pau_daljeet2@pau.edu			ion			
2024-25	COA/Soil Science	ELP 492: Experiential Learning in Soil, Plant Water, and Seed Analyses	-	Dr. Vivek Sharma 9876917183 sharmavivek@pau.edu Dr. Kuldip Singh 8146550714 kuldip@pau.edu Dr. Harsimran Kaur 98778 76422 harsimrankaur@pau.edu	nil	17	nil	nil	nil	Nil
2024-25	School of Organic Farming Deptt. of Agronomy , COA	Agron. 491: Agro Industrial Attachment: Seed industries / Herbicide Formulations Agron. 492: Experiential Learning in Organic Production Technology	University	Course Coordinator: Dr Satpal Singh, Asstt. Professor, Deptt. of Agronomy Mob: 8146355533 Email: satpal.pau@pau.edu	Nil	20	1. Organic production of summer moong from sowing till harvesting, threshing, packaging and sale. 2. Preparation of organic formulations for nutrient management and insect-pest control. 3. Processing, packaging and sale of organically grown turmeric. 4. Vermicompost preparation s, packaging and sale. 5. Training of cleaning, grading and packing of seeds at University Seed Farms.	Under processes	---	Profit is not shared
2024-25	COA/Entomology	Experiential Learning in Production Technology for Bioagents	Entomology (University)	Entomology – Dr P S Shera, 9872205425; psshera@pau.edu	-	16	Bioagents (Trichocards)	-	-	-
	COA/Entomology	Commercial Apiculture	ICAR	-	-	19	Quality queen bees and bee wax	0.18	-	@50% (0.07)

							candles			
2024-25	COA/ Food Tech.	Processing of Fruits and Vegetables, Production of value-added convenience foods	ICAR	Dean, CoA	-	65	Processed products from fruits, vegetables and foodgrains	-	-	-
Total						152				

College of Agricultural Engineering & Technology

Year	Name of College along with location	Name of the EL Modules	Established with Support from ICAR/University/State	Nodal Officer of EL module, their mobile no & Email	Grant Received	No. of Students trained under EL	Product being developed under EL	Revenue earned	Revolving Fund Generated	% Share of income distributed to students
2024-25	College of Agricultural Engineering & Technology	Agro processing and value addition of agricultural produce ELP-2 (8 weeks)	Stipended from ICAR and State -	Overall Coordinator: Dr Satish Kumar Gupta 9646020159 skgupta@pau.edu Dr S R Sharma, PFE 9872221839 sajeevrattan@pau.edu	-	9	Turmeric Powder, Canola Oil, Chilli Powder, domestic Flour, Rice	--	--	--
2024-25	College of Agricultural Engineering & Technology	Design and operation of micro irrigation systems and protected cultivation structures	Stipended from ICAR and State	Dr Sunil Garg, SWE 7973377535 sunil1765@pau.edu Dr Urmila Gupta, REE 9878717711 urmilphutela@pau.edu		9	Assembly of polyhouses	-	-	-

2024-25	College of Agricultural Engineering & Technology	Production of Agricultural Machinery using advanced techniques	Stipended from ICAR and State	Dr Rohinish Khurana, FMPE 9417318076 rkburana@pau.edu Dr S R Sharma, PFE 9872221839 sajeevrattan@pau.edu		9	Prototype fabrication	-	-	-
Total						34				

College of Basic Sciences and Humanities

Year	Name of College along with location	Name of the EL Modules	Established with Support from ICAR/University/State	Nodal Officer of EL module, their mobile no & Email	Grant Received	No. of Students trained under EL	Product being developed under EL	Revenue earned	Revolving Fund Generated	% Share of income distributed to students
2024-25	Deptt. of Microbiology	Specialized experiential learning programme on mushroom		Dr Shivani Sharma, ssharmas@pau.edu 8872863025		17	Mushrooms	-	-	-
2024-25	Deptt. of Microbiology	Specialized experiential learning programme on Biofertilizers		Dr. Jupinder Kaur jupinderkaur@pau.edu 9592503631		0	Biofertilizers	-	-	-
Total						17				

College of Community Science

Year	Name of College along with location	Name of the EL Modules	Established with Support from ICAR/University/State	Nodal Officer of EL module, their mobile no & Email	Grant Received	No. of Students trained under EL	Product being developed under EL	Revenue earned	Revolving Fund Generated	% Share of income distributed to students
2024-25	Food and Nutrition	Bakery and health foods	ICAR	Dr. Poonam Bakheta 9815751122 poonambakheta@pau.edu	Nil	64	Bakery products and Health foods	6.45780	2.58312	60% of profit distributed i.e. Rs 3,87,468 among students

2024-25	Apparel and Textile	Apparel manufacturing unit	ICAR	Dr Surabhi Mahajan 9463377737 surabhimahajanct@pau.edu	nil	02	02	Life style products like cushion covers, table mats, aprons, Runners etc.	.42280	60% of profit distributed 5,074/-
2024-25	HDFS	Child Care Providers' Training Programme	NIL	HOD	Nil	07	Care & Services	9.664	9.664	Nil
Total						73				

27. Achievements under Niche Area of Excellence (If any): (Rs. in lakh)

SN	Titles	Duration	Budget of the Reported period	No. of Publication (>4.0 NAAS/Thomson & Reuters rated only)	No. of Persons Trained	No. of Student Benefited	No of Patents
	-NIL-	-NIL-	-NIL-	-NIL-	-NIL-	-NIL-	-NIL-
Total							

28. Number of Students Selected for JRF/SRF/NET (ICAR/ICMR/UGC/CSIR/DBT)/ARS:

SN	Name of College/ Faculty	JRF	SRF	NET	ARS	Others	Remarks
1.	College of Agriculture	05	01	09	01	03	-
2.	College of Agricultural Engineering & Technology	02	-	-	-	09	-
3.	College of Basic Sciences & Humanities	07	05	02	-	23	-
4.	College of Community Science	04	02	19	-	02	-
5.	College of Horticulture & Forestry	-	02	01	01	-	-

29. Academic Achievement (No. of M.Sc. thesis submitted during the year):

SN	Name of College/Faculty	No. of M.Sc. Thesis Awarded in the reported year only	No. of Research Publication with NAAS /Thomson & Reuters rating			Remarks
			<5	5.0-7.5	> 7.5	
1.	College of Agriculture	95	3	9	9	-
2.	College of Agricultural	15	-	10	2	-

	Engineering & Technology					
3.	College of Basic Sciences & Humanities	52	08	21	12	-
4.	College of Community Science	24	4	5	2	-
5.	College of Horticulture & Forestry	36		9	2	-

30.Academic Achievement (No. of Ph.D Thesis submitted during the year):

SN	Name of College/Faculty	No. of Ph. D. Thesis Awarded in the reported year only	No. of Research Publication with NAAS /Thomson & Reuters rating			Remarks
			<5	5.0-7.5	> 7.5	
1.	College of Agriculture	60	5	19	20	-
2.	College of Agricultural Engineering & Technology	2	2	13	16	-
3.	College of Basic Sciences & Humanities	34	9	25	23	-
4.	College of Community Science	14	3	6	8	-
5.	College of Horticulture & Forestry	16	1	8	6	-

31.Curriculum Development & Delivery:

SN	Name of the University/ College/ Faculty	Title of Practical/ Instructional Manuals developed	Available offline or online, if yes then web address
1.	Department of Resource Management and Consumer Science	Course manual for the course "Residential and Commercial Space Design" with course no. FRM 302	Offline
2.	Department of Human Development and Family Studies	Theoretical Approaches to Parenting	Offline
3.	Department of Vegetable Science	VSC 501	Offline

32.Details of the assistance provided under Library Strengthening Component

-NIL-

33.Details of study tour conducted (ICAR assistance)

Place of visit	No. of students	Year of study
Educational Tour to Patiala (For practical exposure of theoretical content)	36	2024-25
South India Tour	51	2024-25
Centre of Excellence for Vegetables, Kartarpur	19	2024-25

34.Details of Agencies/ Organisation where students got Placement during the year:

SN	Name of the University/ College/ Faculty	Location & District	ICAR	CAU/SAU	Central Govt.	State Govt.	PDF/ Foreign	Pvt./Others
1.	College of Agriculture	Ludhiana, New Delhi, Kerala, Haryana, Muktsar, Hoshiarpur, SBS Nagar, Patiala, Amritsar, Hamirpur (H.P.),	11	9	-	14	1	14
2.	College of Agricultural Engineering & Technology	Jaipur, Bhuvneshwar, Jammu, Ludhiana	2	1	1	1	-	12
3.	College of Basic Sciences & Humanities	Ludhiana	1	2	3	4	4	15
4.	College of Community Science	Ludhiana, Izatnagar, Bareilly, Maharashtra, Vikas Nagar, SBS Nagar, Karnataka, Bihar, Uttarakhand, Sangrur, Patiala, Haryana, Moga, Mohali	-	-	4	5	-	16
5.	College of Horticulture & Forestry	PAU Ludhiana	1	-	-	24	-	10

35. Number of Faculty attending seminars/symposia (ICAR funds)/capacity building programme:

SN	Name of the University/ College/ Faculty	Location & District	Professor	Associate Professor	Assistant Professor
1.	College of Agriculture	Assam Agricultural University, Jorhat, AGMET-2025, Mysore, Karnataka (INSOPP), IARI- New Delhi, GB Pant Nagar University of Agricultural and Technology, Pantnagar, HP, PRSC, Ludhiana, Punjab, IIRS, Dehradun, Hyderabad, Telangana, Ludhiana	1	-	16
2.	College of Agricultural Engineering & Technology	PAU, Ludhiana	1	1	11
3.	College of Basic Sciences & Humanities	Bhabha Atomic Research Centre, Mumbai, Central University of Punjab, Bathinda,	-	-	7

		PAU, Ludhiana, Guru Jambheshwar University of Science & Technology, Hisar, Haryana			
4.	College of Community Science	PAU, Ludhiana	3	2	6
5.	College of Horticulture & Forestry	PAU, Ludhiana	4	1	6

36.Linkages with ICAR Institutes for Academic Research student exchange:

SN	Name of the ICAR Institute	No. of Students		
		Teaching	Ph D Guidance	Lab Facilities
1.	Chaudhary Charan Singh Haryana agricultural University (Linkage with Department of Soil Science)	05	-	-
2.	GADVASU, Ludhiana		01	
3.	ICAR CIPHET, Ludhiana	-	-	02
4.	ICAR- NINFET (National Institute of Natural Fibre Engineering and Technology) Kolkata	-	03	-

37.No. of student entrepreneurs over last 5 years (year wise)

Sr. No.	Year	Number of students
1	2024-2025	16
2.	2023-2024	03
3.	2022-2023	04
4.	2021-2022	07
5.	2020-2021	05

38.Total no. of entrepreneurs over last 5 years

No. of ABI Centre established:	Total no. of incubates	No. of startups

-NIL-

39.Good Governance

Item	Number	Dates
Meeting of Board of Management held	317th	30.07.2024
	318th	28.03.2025
Meeting of Academic Council held	428th	05.07.2024
	429th	30.08.2024
Convocation of the university held	46th	08.02.2025
	47th	05.03.2025

40.Linkages with National/International universities/Institutes

SN	Name of Institute	Type of linkage
1.	Dayanand Medical College & Hospital, Ludhiana	<ul style="list-style-type: none"> - To promote interdisciplinary research in the food, nutrition and health. - To promote Postgraduate research activities in collaborating work. - To promote research in the area of environment and other social areas. - To strengthen internship and outreach activities in collaborative mode.
2.	Punjab & Sind Bank Ludhiana	<ul style="list-style-type: none"> - To demonstrate how advanced farming techniques contribute in resource conservation and reducing adverse impact on environment. - To show how new cutting-edge techniques contribute to risk mitigation in the context of different biotic and abiotic stresses. - To demonstrate the practical application as well as clear understanding of advanced techniques to attract youth towards farming - To exhibit technologies forecasting different threats to agriculture production and their checks and counters.
3.	Centers for International Projects Trust, New Delhi	<p>The Parties hereby agree to promote cooperation in the field:</p> <ul style="list-style-type: none"> - Engagement of experts such as agronomists, entomologists, and crop scientists to deliver lectures/talks during field level farmers camp in each district. - Support in conducting a farmer's training at Krishi Vigyan Kendra's. - Support in accessing season-specific crop advisories of PAU and KVKs to CIPT's target farmers across 12 districts. - Exchange of scientific literature, information and methodology <p>Development and implementation of collaborative extension projects in the identified areas and methodology to be used as mutually agreed upon, subject to IPR (Intellectual Property Rights) clause in Article IV.</p>
4.	Sardar Swaran Singh National Institute of Bio-Energy, Kapurthala.	<ul style="list-style-type: none"> - The Parties hereby agree to promote cooperation in the fields mentioned below on mutually agreed terms & conditions. - Exchange of research's, scientists and technologists - Student exchange between PAU and SSS NIBE. - Exchange of knowledge in the mutual areas of interest such as industrial fermentation, ethanol production from biomass, biomass management, thermal conversion of biomass, bio-gas, biochar etc. - Exchange of scientific literature, field studies from relevant funding agencies. - Field evaluation of technologies/solutions developed by both the institutions in the experimental filed stations of PAU and vice versa. - Use of scientific equipment as available and required in the programme of common interest as may be mutually agreed upon. - Development and implementation of collaborative teaching research and extensions projects in the identified areas and methodology to be used as mutually agreed upon, subject to IPR (Intellectual Property Rights) clause in Article IV.

41.Affiliated private/govt colleges with the University

Name of college	Location	Courses offered	Intake per year

-No affiliated College-**42.Details of Faculty in Affiliated College:**

SN	Name of Affiliated College	Year of Establishment	Location of along with		Designation of Head of Colleges (Dean/Associate Dean/Directors)	Telephone No.	Official Email of College
				Place District			

-No affiliated College-**43.Student Status in Affiliated College:**

SN	Name of Affiliated College	Parameters	Numbers				
			Bachelor's	Master's	Ph. D.	Others including Diploma	Total
		Intake/year					
		Enrolled (Total)					
		Passed Out (%)					

N/A**44.Gender Pattern amongst Students Enrolled in Affiliated College:**

SN	Name of Affiliated College	Parameters	Numbers (including 1 st , 2 nd , 3 rd , 4 th , 5 th , and 6 th year as applicable)			
			Bachelor's	Master's	Ph. D.	Total
		Male				
		Female				
		Total				

N/A

45. Please mention Ten Most Significant Achievements/Impacts out of the ICAR Development Grant Provided to the University:

1. ICAR Development Grant is a major scheme catering to various financial needs of teaching activities across constituent departments of the College.
2. The purchase of equipment related to nitrogen analysis in Post Graduate laboratory of Department of Agronomy has improved working efficiency of students for nitrogen analysis of soil & plant.
3. Instalment of AC in molecular Biology laboratory of School of Agricultural Biotechnology has mediated an easy environment for working of students and effective maintenance of lab instruments.
4. Smart classrooms have promoted effective learning among students. It has served as an important audio visual tool for teaching purpose.
5. Equipments purchased out of ICAR grant are being used for UG and PG classes.
6. Grant in aid enhanced student performance in Research, Teaching activities.
7. It aided student's evaluation by inviting scientist from other universities.
8. Lectures were conducted by inviting scientist from other university that enhanced knowledge of faculty and students.
9. Financial help to students through NTS, JRF, SRF, RAWE etc. provides much needed financial support and motivates the students to improve their academic performance.
10. ICAR development grant has helped the university to uphold the standards of academics and research as is reflected from good number of research publications of faculty and students in Impact factor journals.

46. List Two Major Constraints Faced by the University for Enhancement of Education Quality:

1. Need based research activity grant should be provided to take up hot burning issues for research. Also, timely release of grant from ICAR to the university is important to avoid delay in executing the various work within the stipulated time.
2. No release of non-recurring grant for purchase of computers has limited the use of e-content delivery to UG and PG students.

47. Justification for Continuing ICAR Support:

1. The Grant given by ICAR for strengthening higher agricultural education in SAUs is very helpful in improving and maintaining the quality of higher education being provided by PAU. Over the years this grant has helped in holistic maintenance and development of infrastructure, laboratories, curriculum delivery, Smart classrooms, library resources giving exposure to students as well as faculty and faculty up-gradation.
2. The financial support given under Student READY programme is a big incentive that encourages entrepreneurship development in undergraduate students.
3. The ICAR support is most vital for providing better infrastructure and practical skill development. The Lectures from renowned scientists are quite helpful for PG students.

48. List of Top Five Priority Areas Related to Higher Agriculture Education Improvement that University

- Development of more laboratories so that each student can perform practicals individually rather than groups of 5 to 10 or even more.
- To facilitate early implementation of MoU's with international Institutes of repute.
- NAHEP IDP funding for skill up-gradation of faculty and students under exchange programme with national and international institutes.
- Funds for strengthening ICT infrastructure needed for virtual classes.
- Regular block grants under CAPITAL head is needed in order to strengthen the research infrastructure and facilities. New equipments and replacement of obsolete equipment to strengthen the teaching and research of PG students.

49.UC/AUC as per format

JRF/SRF, ICAR-PG Scholarship, National Talent Scholarship and Student READY UC are under process

GFR 12 – A
Strengthening and Development of Higher Agricultural Education in India
(Sub-component wise)

Name of the University
Financial Year:

Punjab Agricultural University
2024-25

1. Name of the Scheme

Development Grant

2. Total Grant received:

Capital	General	Total
35000000.00	1000000.00	36000000.00

3. Grants position at the beginning of the financial year

(i) Cash in Hand/Bank

(ii) Unadjusted advances

Capital	General	Total
14683.00	1326.00	16009.00

(iii) Total

16009.00		
35014683.00	1001326.00	36016009.00

4. Total Grant available (Sr. 2+ Sr. 3)

5. Details of grants received, expenditure incurred and closing balances: (Actuals)

5. Details of grants received, expenditure incurred and closing balances										
Unspent Balances of Grants received years (figure as at Sl. No. 3 (iii))	Interest Earned thereon	State Share	Grant received during the year					Total Available funds	Expenditure incurred	Closing Balances
1	2	3	4					5	6	7
			Sanction No.	Date	Capital	General	Amount			
16009.00	0.00	0.00	F.No.Edn./4(2)/2024-EP&HS	20.01.2025	19000000.00	1000000.00	20000000.00	36016009.00	35998792.00	1208.00
			F.No.Edn./4(2)/2024-EP&HS	11.02.2025	16000000.00		16000000.00			
				Total	35000000.00	1000000.00	36000000.00			
Refund to Council, if any								16009.00		
Total available fund								36000000.00	35998792.00	1208.00

6. Component wise utilization of grants:

Capital	General	Total
34998978.00	999814.00	1208.00

7. Details of grants position at the end of the year (Closing balance as an unspent balance)

(i) Cash in Hand/Bank

0.00

(ii) Unadjusted Advances

Capital	General	Total
1022.00	186.00	1208.00

(iii) Total

1208.00

Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under.....(name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure - I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure - II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure -II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date:

Place:

Signature

Name.....

Chief Finance Officer
(Head of the Finance)

Signature
25/6/25
Comptroller
Punjab Agricultural University
LUDHIANA

Signature

Name **Dr. Manav**

Head of the Organisation

Signature
Indira Singh Gill
Dean
Postgraduate Studies
Punjab Agricultural University
LUDHIANA

GFR 12 – C
UTILIZATION CERTIFICATE
(SUB-COMPONENT WISE)

Name of the University: Punjab Agricultural University, Ludhiana
Financial Year: 2024-25
Name of Scheme: Development Grant

Sr. No.	Letter No. and date	Amount	Certified that out of Rs. 36000000.00 (Rs. Three Crore Sixty Lakh only) of grant sanctioned during the year 2024-25 in favour of Punjab Agricultural University, Ludhiana under the Ministry/Department Letter no. given in the margin and Rs. 16009.00 account of unspent balance of the previous year total of Rs. 36016009.00 an amount has been refunded to council (if any) Rs. 16009.00 Vide letter dated 21.11.2024. Total fund available Rs. 36000000.00 during 2024-25. A sum of Rs. 35998792.00 has been utilized for the purpose of Development Grant for which it was sanctioned and that the balance of Rs. 1208.00 remaining unutilized of the end of the year has been surrendered to Government vide No.... Dated.... Will be adjusted toward the grants payable during the next year.
1.	F.No.Edn./4(2) /2024-EP&HS	20000000.00	
2.	F.No.Edn./4(2) /2024-EP&HS	16000000.00	
3.	Unspent Balance	16009.00	
	Total	36016009.00	

2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sectioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Signature
Comptroller
Punjab Agricultural University
LUDHIANA

Signature
Designation..... **Dean**
Postgraduate Studies
Punjab Agricultural University
Date..... **LUDHIANA**

PS: The UC/AUC shall disclose separately the actual expenditure incurred loans and advance given to suppliers to stores and assets, to construction agencies and like in accordance with scheme guidelines and in furtherance to the scheme objectives, which do not constitute expenditure at the stage. These shall be treated as utilized grants but allowed to be carried forward.

50. Whether the university is accredited or not (mention date):

Yes, Punjab Agricultural University is accredited by National Agricultural Education Accreditation Board, New Delhi with A+ grade from 1st April 2024 to 31st March 2029.

51. National Ranking overall and among AUs.

Punjab Agricultural University was adjudged as Third Best amongst Agriculture and Allied Sector Category and got 80 Overall rank.

52. Please attach good quality photographs (for each component wherever, applicable)



Students performing lab Experiments

Experiential Learning Students at Work



Mushroom Cultivation



53. For any new civil work initiated with the grant from Council please indicate if any liability is still pending w.r.t to the approved vetted amount

S.No.	Item of work	Sanctioned (year)	Total Amount (vetted)	Amount released (Till date)	Balance to be released in this FY

Punjab Agricultural University

Financial Year of the Demand: 2024-25

(Rs. in Lakh)

S.No.	Components	Main University	CoA Ludhiana	CoAET Ludhiana	CoCS Ludhiana	CoBSH Ludhiana	CoHF Ludhiana	Total (in Lakh)
A.	Grant-in-Aid CAPITAL							
1	Works							
1.1	a. Land	x	x	x	x	x	x	x
1.2	b. Building							
1.2.1	Girls' Hostel							
1.2.2	Boys' Hostel	300.00						300.00
1.2.3	International Hostel							
1.2.4	Examination Hall							
1.2.5	Educational Museum							
1.2.6	University Auditorium							
1.3	c. Works							
1.3.1	Repair/ Renovation of Hostel							
1.3.2	Repair/ Renovation of Examination/ Laboratories/ Sports Facility/ Green Initiatives							
1.3.3	Refurbishing of Smart Class Rooms	20.00						20.00
1.3.4	Centenary Grant/ Renovation of Old and Historical Infrastructure							
2	Equipment							
2.1	Equipment for Central Instrumentation Facility							
2.2	Equipment for UG & PG Laboratories/ Sports Facility/ Green Initiatives excluding computers & its peripherals		10.00	10.00	5.00	5.00		30.00
2.3	Minor Equipment under Nodal Cell							
3	Information Technology (Computer Hardware/ Software)							
3.1	Computer Hardware							
3.2	Computer Software							
4	Library Books & Journals	x	x	x	x	x	x	x
4.1	Print Book	x	x	x	x	x	x	x
4.2	Print Journal	x	x	x	x	x	x	x
4.3	e-Book other than CeRA	x	x	x	x	x	x	x
4.4	e-Journal other than CeRA	x	x	x	x	x	x	x
4.5	Digitization of Resources	x	x	x	x	x	x	x
5	Vehicles & Vessels	x	x	x	x	x	x	x
6	Livestock	x	x	x	x	x	x	x
7	Furniture and Fixtures for							
7.1	Hostel							

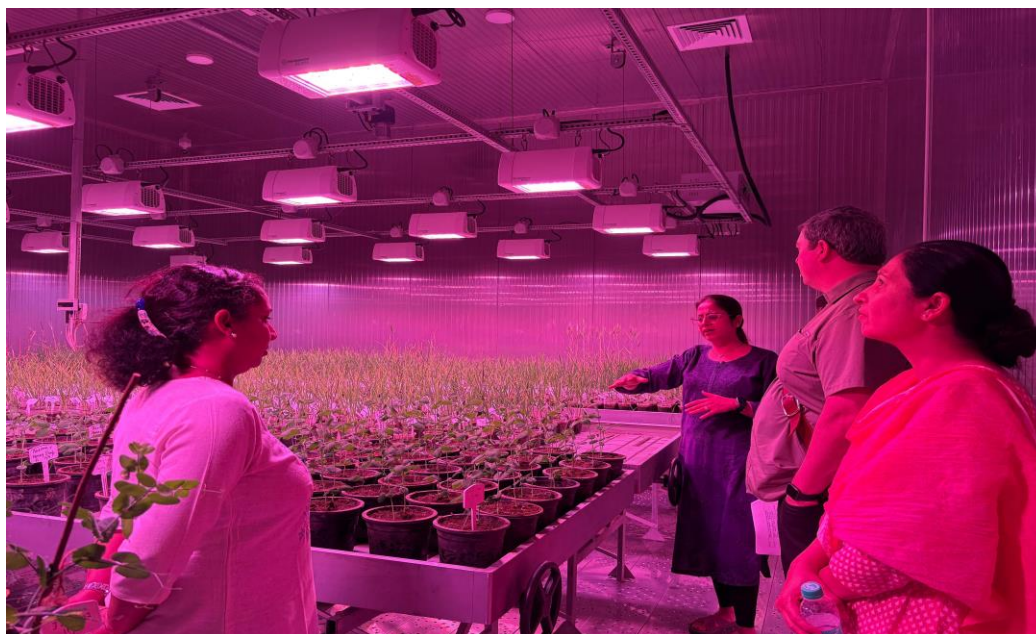
Punjab Agricultural University

Financial Year of the Demand: 2024-25

(Rs. in Lakh)

S.No.	Components	Main University	CoA Ludhiana	CoAET Ludhiana	CoCS Ludhiana	CoBSH Ludhiana	CoHF Ludhiana	Total (in Lakh)
7.2	Examination Hall							
7.3	Laboratory							
7.4	Class Room							
7.5	Library	x	x	x	x	x	x	x
8	Others							
	Total CAPITAL	320.00	10.00	10.00	5.00	5.00		350.00
B.	Grant-in-Aid Salaries (REVENUE)	x	x	x	x	x	x	x
C.	Grant-in-Aid General (REVENUE)							
9	Research & Operational Expenses							
9.1	Research Expenses							
9.1.1	Curriculum Development and Delivery: Contingency grants for UG/PG Practical and preparation of quality Instructional Manuals	2.00						2.00
9.1.2	Strengthening of UG/ PG Teaching: Participation of Faculty/ Ph.D. students in Seminars/ Conferences/Trainings including Educational Tour within the country. In no case funding for foreign travel will be allowed.	2.00						2.00
9.1.3	Support to DEAN	1.00						1.00
9.2	Operational Expenses							
9.2.1	Student and Faculty Amenities: Tutorials for SC/ST students; Students Counseling, Placement Cell; Health Facilities; Personality Development; Recreation facilities including Agri-Unifest & Agri-Sports	2.00						2.00
9.2.2	Best Teacher Award; Guest & Adjunct Faculty							
9.2.3	Support to Nodal Cell	3.00						
10	Miscellaneous Expenses							3.00
11	Others							
12	Publicity & Exhibitions							
	Total Grant in Aid-Capital	320.00	10.00	10.00	5.00	5.00		350.00
	Total Grant in Aid-Salary							
	Total Grant in Aid-Revenue	10.00						10.00
	Grand Total: Grant in Aid (CAPITAL+ SALARY + REVENUE)	330.00	10.00	10.00	5.00	5.00		360.00

54. Provide Five Best Quality Photographs of the Activities Depicting Impact Mentioned in the Report:



Speed Breeding Facility at the School of Agricultural Biotechnology



Students performing lab Experiments



Students performing lab Experiments

[Handwritten Signature]

Signature of the Nodal Officer

Name: Dr. Manavendra Singh Gill

Designation: Dean Postgraduate Studies

Date: 26.06.2025

Seal:
Dean
Postgraduate Studies
Punjab Agricultural University
LUDHIANA

[Handwritten Signature]

Signature of the Vice Chancellor

Name: Dr. Satbir Singh Gosal

Designation: Vice-chancellor, PAU

Date: 26.06.2025

Seal:
Vice Chancellor
Punjab Agricultural University
Ludhiana