



PD-RPCAUIB-UCN-005/2024

**Ranked 14<sup>th</sup>**  
NIRF India Rankings 2025

**Ranked 9<sup>th</sup>**  
IIRF India Rankings 2025

# **RPCAU** @ *a Glance*



**DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY**  
**Pusa, Samastipur, Bihar-848125**

## **RPCAU @ a Glance**

Patron

**Dr. P.S. Pandey**

Vice-Chancellor

Dr. Rajendra Prasad Central Agricultural University, Pusa, Bihar

Compiled and Edited by

**Dr. U.K. Behera**, Director Education

**Dr. Rakesh Mani Sharma**, University Librarian

**Dr. Ravish Chandra**, Associate Professor, CAET

**Dr. A.K. Gautam**, Assistant Professor, CAET

**Dr. M.S. Sai Reddy**, Assistant Professor, Entomology, PGCA

**Dr. A.K. Panda**, Assistant Professor, Horticulture, PGCA

Technical Assistance

**Mr. Manish Kumar**, Library Assistant, University Library

**Mr. Kamdeo Kumar Pal**, Designer-cum-Composer, Publication Division

Copyright © 2025 by RPCAU, Pusa, All rights reserved

PD-RPCAU-IB-UCN-005/2024

Published by

**Publication Division**

Dr. Rajendra Prasad Central Agricultural University

Pusa, Samastipur, Bihar-848 125

# PUSA: THE PILGRIMAGE OF INDIAN AGRICULTURE

## A HISTORICAL PERSPECTIVE

The history of Pusa is age-old, which has the roots in the Darbhanga Raj of Tirhut Estate wherein 18<sup>th</sup> century after the victories of the British East India Company in the Battle of Plassey (1757) and the Battle of Buxar (1764) followed by the Treaty of Allahabad (1765), the imperial government acquired the U-shaped land of Pusa near the right bank of the Burhi Gandak River in 1796. Later on East India Company established a stud farm at Poosah (Pusa), led by Lieutenant Major Frazer (Superintendent, 1793-1808) to breed cavalry horses. This endeavour continued until 1874 but was closed due to an epidemic of gland disease. The Bengal government owned a sprawling estate at Pusa, where it had earlier run a model farm from 1875 to 1876. It was subsequently leased out to the British tobacco firms for experiments on tobacco culture from 1877 to 1897 to meet the requirements of UK cigarette factories.

Pusa is a place of pilgrimage for agricultural researchers and academicians in India because it is the place where organized agricultural research and education began in pre-independence India on April 1, 1905, when it was established as the "Imperial Agricultural Research Institute (IARI)". Initially, the "Phipps Laboratory" was constructed after generous donation of £30,000 in 1903 to the Agricultural Research Institute (ARI) by the Mr. Henry Phipps, an American philanthropist. Further, a grant of £110,000 by the colonial government resulted in the development of different infrastructural facilities, including the "Navlakha Building". In 1911, the name of ARI was changed to the "Imperial Institute of Agricultural Research," and in 1919, it was renamed "Imperial Agricultural Research Institute (IARI)." However, a devastating earthquake in January 15, 1934, led to the institute's relocation to Delhi on July 29, 1936, and it acquired its current name, "Indian Agricultural Research Institute (IARI)," after the independence of India in 1947. Since then, this institute has been continuously in the service of India and has made many significant achievements in agriculture, making India a food surplus and nutritionally secure country.



Imperial Agricultural Research Institute, Pusa (Bihar)



Scientists at work in a laboratory at the Agricultural Research Institute, Pusa, Bihar

Hence, IARI, Pusa, Samastipur (Bihar) is the birth place of Agricultural Research and Education in India wherein 1923, the first post graduate programme in agricultural education was started and today it's a centenary year of that wonderful prestigious initiation. Since, 1794 Pusa has been epicentre of agricultural and animal husbandry related economic activities in one form or other that can be traced back in many historical documents of that period. Therefore, it can be safely concluded that name of Pusa is not based on the name of Philanthropist Mr. Phipps from United State of America (USA) which is otherwise general perception and belief but it is not true. In fact, historically Pusa was existing long before the generous contribution made by the Henry Phipps of USA and can be found into the "Rigvedas 10<sup>th</sup> sloka devoted to deity Pooshan" "पूषा गा अन्वेतु नः पूषा रक्षुत्वर्वतः। पूषा वाजं सनोतु नः ॥५॥sukt 6.54.5." and also in the 16<sup>th</sup> sloka of "Eshavaashopnishad" which is one of the reputed embodiment of holy knowledge book.

# About the RPCAU

Dr. Rajendra Prasad Central Agricultural University (RPCAU) an Institution of National Importance, was established on 7<sup>th</sup> October, 2016, owes its legacy to Rajendra Agricultural University, Pusa (1970) and Agricultural Research Institute, Pusa (1905), where higher agricultural education as Post Graduate Diploma in India was initiated in four disciplines-Botany, Agricultural Chemistry, Mycology and Entomology is considered to be the mother of organized agricultural research and education in India. The jurisdiction and responsibility of RPCAU, Pusa with respect to teaching, research and programme of extension education is extended to the whole country with special reference to the state of Bihar.



**Dr. P. L. Gautam**  
Chancellor



**Dr. P. S. Pandey**  
Vice Chancellor



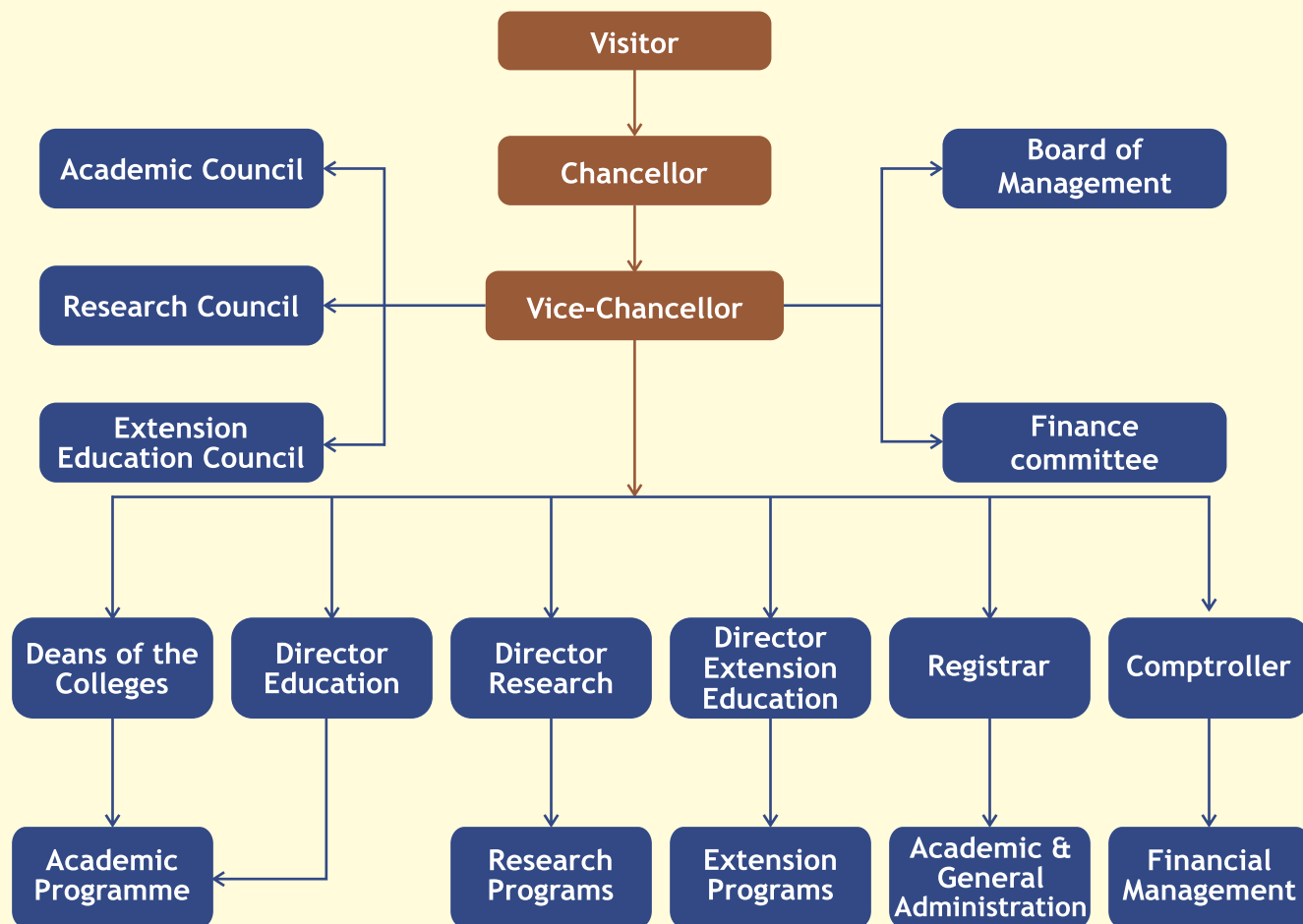
## VISION

Advancing professional competency for pursuing excellence in education, research and entrepreneurship in relation to agriculture and allied sectors with ethical values to meet the regional, national and global needs and offering specialized services to the farmers for decent livelihood.

## MISSION

- Promoting high quality learning environment and creation of integrated approach that develops an appreciation and understanding of the environmental and socio-economic significance of soil-plant-animal-people interface.
- Shaping agricultural stakeholders into self-sustaining mode through innovation centric education, cutting edge research, entrepreneurship/start up skill development and dissemination of appropriate agricultural technology.
- Nurturing national/global needs of achieving sustainable food production and safety while mitigating pressure on agricultural land through advance interventions of research and development.

# UNIVERSITY ORGANOGRAM



## COLLEGES

- Tirhut College of Agriculture, Dholi
- Post Graduate College of Agriculture, Pusa
- College of Basic Sciences & Humanities, Pusa
- College of Community Science, Pusa
- College of Agricultural Engineering & Technology, Pusa
- College of Fisheries, Dholi
- Pt. Deen Dayal Upadhyay College of Horticulture & Forestry, Piprakothi
- School of Agribusiness & Rural Management, Pusa

## UNITS

- Agricultural Technology Information Centre (ATIC)
- Central Workshop
- E-Governance Cell
- Estate Unit
- External Examination & Evaluation Cell
- Internal Complaint Committee (ICC)
- Media Cell
- Placement Cell
- Publication Division
- Rajbhasha Koshang
- RTI Cell
- Security Section
- Seed & Farms units
- Technical Cell
- University Dispensary
- University Library
- Vigilance Unit

# ACHIEVEMENTS IN EDUCATION

RPCAU, Pusa consists of 8 colleges viz. Tirhut College of Agriculture; Post Graduate College of Agriculture; College of Agricultural Engineering and Technology; College of Community Science; College of Basic Sciences & Humanities; College of Fisheries; Pt. Deen Dayal Upadhyay College of Horticulture and Forestry; and School of Agri Business & Rural Management. The University offers undergraduate (UG) programme in 10 disciplines viz. Agriculture, Horticulture, Agricultural Engineering, Community Science, Fisheries, Biotechnology, Food Technology, Food Nutrition and Dietetics, Natural Farming and Forestry; Master's programme in 28 subjects and Ph.D. programme in 16 subjects. The University is not only generating qualified and technically competent human resources but also introduced some innovative programmes to nurture inherent talent & holistic development of student to make responsible citizen for society as well as country through Deeksharambh as foundation course; programme for augmenting happiness index of student and faculty. All these efforts of the University have led to excellent performance of the students at national and international level as evident from the selection of students for higher studies in international organization as well as national reputed organization/Institutions like IISc, Bengaluru, IISERs, IITs, IARI, CIFE and also first ranker in national level entrance examination (GATE & AIEEA). Launching of Certificate & Post-graduate diploma programme for school dropout to graduate for generating human resources at base level as well as supervisory level for industry and society are some of the recent milestones. Further, revival of Placement Unit; up-gradation and automation of library facilities, and training of more than 1.3 lakh members of farming community justified our movement in vibrant mode.

## OUR COLLEGES



### Tirhut College of Agriculture, Dholi

**Year of Establishment :** 1960

**Programme offered :** B. Sc. (Hons.) Agriculture

**Department :** Agril. Economics, Agril. Engineering, Agril. Statistics, Agronomy, Entomology, Extension Education, Genetics & Plant Breeding, Horticulture, Plant Pathology, Soil Science.

Providing under-graduate students agricultural education for tackling the problems of agriculture and disseminating agricultural knowledge/ technologies.



### Post Graduate College of Agriculture, Pusa

**Year of Establishment :** 1970

**Programme offered :** B. Sc. (Hons.) Natural Farming, M. Sc. (Ag.) & Ph.D

**Department :** Agricultural Economics, Agronomy, Entomology, Extension Education, Forestry, Genetics & Plant Breeding, Horticulture (Veg. & Fruit), Plant Pathology & Nematology, Seed Science and Technology, Soil Science.

To impart education in different branches of agriculture and allied fields and to undertake basic, strategic and applied research for developing technologies to enhance productivity and quality of agricultural and animal produce and helping state government in supplying breeder seeds towards production and multiplication of foundation and certified seeds.



### College of Basic Sciences & Humanities, Pusa

**Year of Establishment :** 1981

**Programme offered :** B. Tech. (Biotech), M.Sc. & Ph. D

**Department :** Agricultural Biotechnology & Molecular Biology, Botany, Plant Physiology & Biochemistry, Microbiology, Statistics & Computer Application.

To strengthen the teaching and research programme in different disciplines of Basic Sciences and humanities and train graduate and post-graduates students in modern biology with particular reference to Agriculture Biotechnology. Also serve as a repository of national and international scientific information on various aspects of agricultural and animal production.



### College of Community Science, Pusa

**Year of Establishment :** 1982

**Programme offered :** B.Sc. (Community Science), B.Sc. (Food Nutrition and Dietetics), M. Sc. & Ph.D

**Department :** Foods & Nutrition, Home Science Extension Education & Communication Management, Human Development and Family Studies, Resource Management and Consumer Science (RMCS), Textile and Apparel Designing.

To impart quality education at UG & PG level with emphasis on for Rural Awareness Work Experience and Job Training in Foods & Nutrition, Home Science Extension and Communication Management including Seminar and Dissertation / Thesis at Post Graduate level Programmes.



### College of Agricultural Engineering & Technology, Pusa

**Year of Establishment :** 1983

**Programme offered :** B.Tech., (Ag. Engg.), B.Tech. (Food Tech.), M.Tech., Ph.D

**Department :** Farm Machinery and Power Engineering (FMPE), Food Technology (FT), Irrigation and Drainage Engineering (IDE), Processing and Food Engineering (PFE), Soil and Water Conservation Engineering (SWCE).

To impart new knowledge among agricultural engineering graduates by engaging in rigor academic curriculum, innovative research and industrial training and produce exemplary researchers and educators through quality education and cutting-edge research in postgraduate programmes. Also to identify the regional and national researchable issues for achieving sustainable food production by undertaking collaborative projects with academia and industry.



### College of Fisheries, Dholi

**Year of Establishment :** 1986

**Programme offered :** B.F.Sc., M.F.Sc. and Ph.D.

**Department :** Aquatic Animal Health Management, Aquaculture, Aquatic Environment Management, Fisheries Engineering, Fisheries Extension Economics & Statistics, Fisheries Resource Management, Post Harvest & Processing Technology.

To develop innovative course materials, lecturers and assignments and also invite various experts regularly as visiting faculty from industries and academic institutions to pace the students knowledge with latest developments in the field of fisheries and aquaculture besides imparting quality education in the said domain.



### Pt. Deen Dayal Upadhyay College of Horticulture & Forestry Piprakothi

**Year of Establishment :** 2018

**Programme offered :** B. Sc. (Hons.) Horticulture & B.Sc. (Hons.) Forestry

To impart quality education in forestry and horticulture & to undertake basic, strategic and applied research for developing new forestry based technology. To enhance productivity and quality produce on farms, marginal lands, degraded and waste land from tree based systems under different agro-climatic zones of Bihar. Empowering students excel in various national and international level examinations.



### School of Agribusiness & Rural Management, Pusa

**Year of Establishment :** 2020

**Programme offered :** MBA (ABM), MBA (RM)

Creating professionally trained agri-business and rural managers with an appropriate ethos and values with problem-solving skill sets to efficiently contribute for all the stakeholders involved in agribusiness and rural development sector.

# DEGREE PROGRAMMES BEING OFFERED

	S. No.	Programme Name	College	Intake Capacity
<b>10 Under Graduate Course</b>	1	B.F.Sc.	COF, Dholi	44
	2	B.Sc. (Hons.) Agriculture	TCA, Dholi	99
	3	B.Sc. (Hons.) Community Science	CCS, Pusa	44
	4	B.Sc. (Hons.) Forestry	PDDUCH&F	33
	5	B.Sc. (Hons.) Horticulture	PDDUCH&F	55
	6	B.Sc. (Hons.) Natural Farming	SNF, PGCA, Pusa	20
	7	B.Sc. (Hons.) Food Nutrition & Dietetics	CCS, Pusa	22
	8	B.Tech. Agricultural Engineering	CAE&T, Pusa	44
	9	B.Tech. Bio-Technology	CBS&H, Pusa	55
	10	B.Tech. Food Technology	CAE&T, Pusa	33
<b>28 Post Graduate Course</b>	1	M. Tech. Farm Machinery and Power Engineering	CAE&T, Pusa	6
	2	M. Tech. Processing & Food Engineering	CAE&T, Pusa	6
	3	M. Tech. Soil and Water Conservation Engineering	CAE&T, Pusa	6
	4	M.B.A. Agri-Business Management	SAB&RM, Pusa	51
	5	M.B.A. Rural Management	SAB&RM, Pusa	30
	6	M.F.Sc. Aquaculture	COF, Dholi	6
	7	M.F.Sc. Fisheries Resources Management	COF, Dholi	6
	8	M.Sc. (Ag.) Agricultural Economics	PGCA, Pusa	13
	9	M.Sc. (Ag.) Agricultural Extension Education	PGCA, Pusa	10
	10	M.Sc. (Ag.) Agricultural Statistics	CBS&H, Pusa	6
	11	M.Sc. (Ag.) Agronomy	PGCA, Pusa	22
	12	M.Sc. (Ag.) Bio-Chemistry	CBS&H, Pusa	5
	13	M.Sc. (Ag.) Entomology	PGCA, Pusa	13
	14	M.Sc. (Ag.) Fruit Science	PGCA, Pusa	6
	15	M.Sc. (Ag.) Genetics and Plant Breeding	PGCA, Pusa	21
	16	M.Sc. (Ag.) Microbiology	CBS&H, Pusa	6
	17	M.Sc. (Ag.) Molecular Biology and Biotechnology	CBS&H, Pusa	6
	18	M.Sc. (Ag.) Nematology	PGCA, Pusa	6
	19	M.Sc. (Ag.) Plant Pathology	PGCA, Pusa	13
	20	M.Sc. (Ag.) Plant Physiology	CBS&H, Pusa	6
	21	M.Sc. (Ag.) Seed Science & Technology	PGCA, Pusa	6
	22	M.Sc. (Ag.) Soil Science	PGCA, Pusa	13
	23	M.Sc. (Ag.) Vegetable Science	PGCA, Pusa	6
	24	M.Sc. (C. Sc.) Apparel and Textile Science	CCS, Pusa	5
	25	M.Sc. (C. Sc.) Extension Education and Communication Management	CCS, Pusa	9

	26	M.Sc. (C. Sc.) Food and Nutrition	CCS, Pusa	6
	27	M.Sc. (C. Sc.) Resource Management and Consumer Science	CCS, Pusa	6
	28	M.Sc. (Forestry) Silviculture & Agroforestry	PGCA, Pusa	5
<b>Doctor of Philosophy (Ph.D) in 16 Disciplines</b>	1	Ph. D. Agricultural Economics	PGCA, Pusa	3
	2	Ph. D. Agricultural Extension Education	PGCA, Pusa	2
	3	Ph. D. Agronomy	PGCA, Pusa	5
	4	Ph. D. Aquaculture	COF, Dholi	5
	5	Ph. D. Entomology	PGCA, Pusa	4
	6	Ph. D. Farm Machinery and Power Engineering	CAE&T, Pusa	2
	7	Ph. D. Food and Nutrition	CCS Pusa	2
	8	Ph. D. Genetics & Plant Breeding	PGCA, Pusa	4
	9	Ph. D. Microbiology	CBS&H, Pusa	5
	10	Ph. D. Molecular Biology & Biotechnology	CBS&H, Pusa	4
	11	Ph. D. Plant Pathology	PGCA, Pusa	3
	12	Ph. D. Plant Physiology	CBS&H, Pusa	3
	13	Ph. D. Processing and Food Engineering	CAE&T, Pusa	2
	14	Ph. D. Soil and Water Conservation Engineering	CAE&T, Pusa	2
	15	Ph. D. Soil Science	PGCA, Pusa	4
	16	Ph. D. Vegetable Science	PGCA, Pusa	5
<b>3 PG Diploma &amp; 10 Certificate Courses</b>	1	PG Diploma in Agri-Tourism Management		
	2	PG Diploma in Agri-Warehouse Management		
	3	PG Diploma in Agricultural Journalism & Mass Communication		
	1	Artificial Insemination & Embryo Transfer Technology		
	2	Farm Mechanization		
	3	Fish Culture Assistant		
	4	Fish Hatchery Assistant		
	5	Mushroom Cultivation technology		
	6	Nursery Management		
	7	Plant Tissue Culture		
8	Seed Production Assistant			
9	Senior Citizen Care			
10	Sugarcane Cultivation Assistant			

## STUDENTS INTAKE-2025

Degree	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
UG	290	319	319	407	407	427	384
PG	280	280	288	294	302	302	235
Ph.D	32	32	39	44	54	54	39

# SIGNIFICANT ACHIEVEMENTS

Academic Programme	67 programmes (10 UG, 28 PG, 16 Ph.D, 3 PG Diploma and 10 Certificate courses)
Students	Intake Capacity - 1080; Student Strength - 2108; Student Diversity - 27 states; Student retention - 92%
Faculty	<u>No. of Faculty - 292; Faculty Diversity - 17 States</u>
Collaboration	National and International Collaborations - 56
Other Academic Initiative/Achievement	<ul style="list-style-type: none"> <li>• AIR-1 in ICAR -AIEEA (PG) Fishries</li> <li>• 3<sup>rd</sup> Rank in Asia's Largest Business Conclave organized by E-cell, IIT, Mumbai</li> <li>• <u>123 students qualified in International/National level exams</u></li> <li>• A one-month "Guru Dakshata – Faculty Induction Programme" for newly recruited faculty members in university functioning, soft skills, ICT, administration, research, IPR, and field experience to enhance overall academic and research productivity.</li> <li>• Ensured Academic Integrity by implementing plagiarism detecting software (TURNITIN)</li> <li>• Introduced Academic Management Module</li> <li>• Faculty Induction Programme for newly recruited faculty</li> <li>• Blended mode of Pedagogy &amp; Remote Access to Library database &amp; E-Resources</li> <li>• Nurture the inherent talent of students &amp; holistic development to make responsible citizens for society as well as for the country through Deeksharambh, a Foundation Course</li> </ul>



**DEEKSHARAMBH**



**100 % PLACEMENT AT SAB&RM**



**3rd CONVOCATION**

Dr. Rajendra Prasad Central Agricultural University, Pusa, Bihar  
**Celebrating Academic Excellence !!**  
 Proudly extend heartfelt  
**Congratulations**  
 to all  
**123 brilliant students**  
 who have qualified ICAR NET/CSIR NET & JRF

# ACHIEVEMENTS IN RESEARCH

Excellence in research is the foundation of the university's approach across various agriculture and allied sectors. The university through its Directorate of Research has fourteen well-established units, including eight centers of excellence, advanced studies, and startup facilitation centers; four research centers/regional research stations; and two research institutes all dedicated to research and excellence. These units are focused on addressing research challenges in niche areas and specific crops.



## REGIONAL RESEARCH STATIONS UNDER RPCAU



Banana Research Centre, Goraul



Regional Research Station, Jhanjharpur



Regional Research Station, Madhopur



Animal Production Research Institute, Pusa



Sugarcane Research Institute, Pusa



Regional Research Station, Biraul

# CENTRE OF EXCELLENCE / ADVANCE CENTRES



Centre of Excellence on Food Processing



Centre of Advanced Studies on Climate Change



Centre of Research in Wealth from Waste



Centre of Excellence in Water Management



Centre of Startup Facilitation



Advance Centre of Mushroom Research



Centre of Excellence on indigenous breed

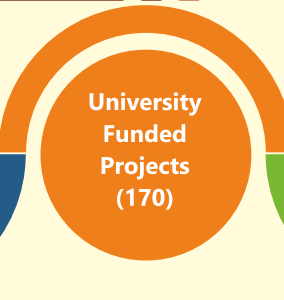


Indigenous cattle conservation and improvement Centre

# RESEARCH PROJECTS



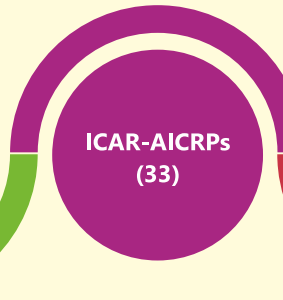
International Projects (03)



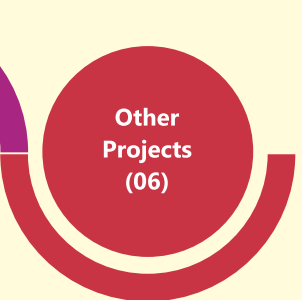
University Funded Projects (170)



State and National Sponsored (25) Projects



ICAR-AICRPs (33)



Other Projects (06)

# PATENTS GRANTED-13



Self-propelled rotary power paddy weeder (2021)



Hand-cranked Improved Chakki (2022)



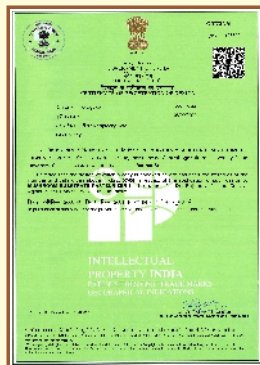
Food Cart (2022)



Hand Tool for Okra Harvesting with Collection Hopper (2022)



A power driven device for shelling and hulling of grains (2023)



Mushroom substrate pasteurizer (2023)



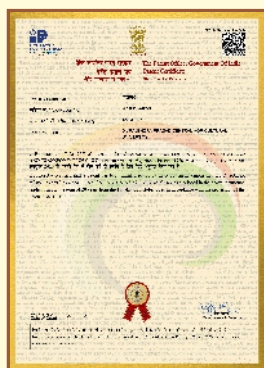
Method and Composition of Unique Mushroom Samosa (2023)



Multi-Crop-Seeder



Energy dense nutritive food having balanced nutritional composition and process for preparation (2023)



A Solar Powered Fish Preservation and Transportation Card



Mushroom Biscuits and Preparation Therof

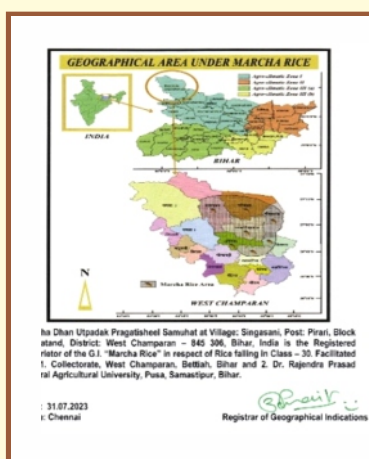


Mushroom Paneer and Method of Producing the Same



Method of Quantifying Organic Carbon in Soil

## GEOGRAPHICAL INDICATION FOR MARCHA DHAN



**Major Crop Varieties Released :** A total of 23 varieties of 10 different crops have been released through SVRC/CVRC for different agroclimatic conditions, including one biofortified wheat variety.

Sl. No.	Crop	Varieties
1	Rice	Rajendra Nilam, Rajendra Saraswati
2	Wheat	Rajendra Gehun 1, Rajendra Gehun 3, Rajendra Gehun 4
3	Maize	Shaktiman-5, Rajendra Baby corn 1, Rajendra Popcorn 1, Rajendra Hybrid Makka-4
4	Millets	Rajendra Kauni 1, Rajendra Madua 1
5	Pulses	Rajendra Arhar 1, Rajendra Arhar 2
6	Sugarcane	Rajendra Ganna 1, Rajendra Ganna 2, Rajendra Ganna 5
7	Tuber Crops	Rajendra Sakarkand 7, Rajendra Arvi 2, Rajendra Mishrikand 3
8	Spices	Rajendra Dhania 1, Rajendra Dhania 2
9	Mushroom	Rajendra Mushroom Dudhiya-1
10	Garlic	Rajendra Lahsun - 1

**Promising Technologies :** Generated/validated/transferred 27 new technologies for enhancing agricultural productivity and also commercialized 12 technologies. University developed around 100 products of various commodities viz. Mushroom, Honey, Sugarcane, Millets etc. Some of the important technologies are listed below :

1. Integrated management of Panama wilt disease of Banana
2. Package and practices for Tulsi (*Ocimum sanctum* L.)
3. Management of Papaya Ring Spot Virus diseases of papaya under Agro-ecological condition of Bihar
4. Rajendra Matsya Bandhu – Solar powered fish preservation-selling cart
5. Ground water recharge cum Drainage Unit
6. Yam bean seed extract as safer insecticide for management of aphids in mustard
7. Rajendra Pusa Mushroom Paneer Production Technology
8. Rajendra Mushroom Substrate Sterilizer
9. Rajendra Pusa Salty Mushroom Biscuits (Products)
10. Rajendra Pusa Mushroom Gulab Jamun (Products)
11. Hand-cranked improved Chakki
12. Manual cabbage harvesting machine
13. Boat-based solar photovoltaic pumping system for irrigation
14. Litchi waste based low-cost fish feed (Products)
15. Hand-tool for okra harvesting
16. Induced Breeding Technology for Indian Spiny Eel/ Gainchi
17. Pond polyhouse for survival and culture of fresh water giant prawn larvae during winter months
18. Taro crop sowing Implement for society of Taro crops

**Scientific Publications :** Faculty contributions include 1458 publications– research papers (National & International Journals), Books, Popular articles, Policy papers and Book chapters.

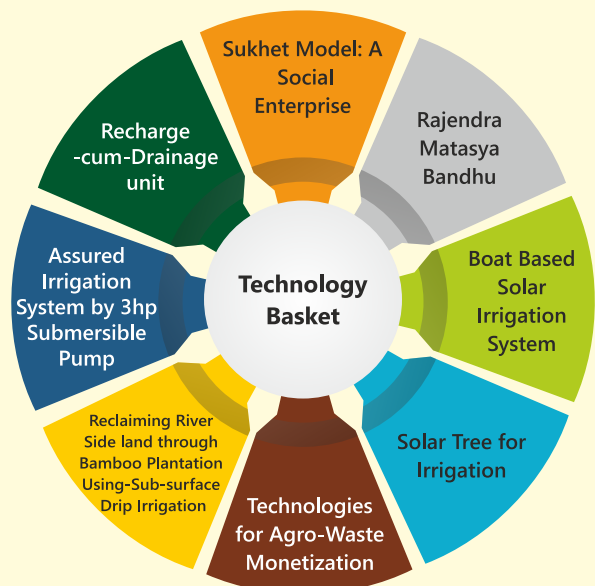
# ACHIEVEMENTS IN EXTENSION

The Directorate of Extension at the university catalyzes the augmentation of farmers' income by disseminating farmer-friendly technologies and services through 16 Krishi Vigyan Kendras (KVKs). The university conducts impactful initiatives such as Farmer's fairs, Front Line Demonstration (FLD), On-Farm Trials (OFT), Training programs and engaging farmers. These events played a crucial role in imparting scientific knowledge on various agricultural technologies, innovations, best farming practices, millet cultivation, and efficient waste management for wealth creation. The Hon'ble Prime Minister of India, Shri Narendra Modi, endorsed the university's efforts during the 80th Edition of Mann Ki Baat. His specific encouragement focused on the implementation of the university's Sukhet Model initiative in various panchayats nationwide. This innovative model incentivizes villagers with free LPG refills in exchange for 20 kg of cow dung and farmyard waste per day for a two-month period, contributing significantly to sustainable agricultural practices, rural development and sanitation.



## SIGNIFICANT EXTENSION ACTIVITIES

- Organized 9 mega Kisan Melas, including one at the birthplace of Dr. Rajendra Prasad, the First President of India during 2016-2024. More than 50 thousand farmers benefited.
- More than three Lakh (3,00,154) Farmers/ Rural youth/ Extension functionaries got benefited through various training events organized by KVKs during 2016 to 2023.
- Conducted 1,916 front line demonstrations, 23,267 farmer-centric activities, and 2,026 farmers' training programs, 160 technology assessment trials, developed 80 Extension Knowledge Kiosks, and conducted 64 e-Kisan Choupals in virtual mode during 2016 to 2023.



# KRISHI VIGYAN KENDRAS (KVKs)

KVK, Bhagwanpur Hat, Siwan	KVK, Narkatiyaganj, West Champaran II
KVK, Birauli, Samastipur	KVK, Piprakothi, East Champaran
KVK, Hariharpur, Vaishali	KVK, Parsauni, East Champaran II
KVK, Jale, Darbhanga	KVK, Saraiya, Muzaffarpur
KVK, Khodawandpur, Begusarai	KVK, Seohar
KVK, Lada, Samastipur II	KVK, Sipaya, Gopalganj
KVK, Madhopur, West Champaran	KVK, Sukhet, Madhubani II
KVK, Manjhi, Saran	KVK, Turki, Muzaffarpur II



# AWARDS AND RECOGNITIONS

The university has consistently been ranked among the top 10 government universities for three consecutive years (2021-22, 2022-23 and 2024-25) in the India Today-MDRA (Marketing and Development Research Associates), New Delhi. India Today-MDRA ranking has raised to 8 during 2025. Besides, there are many medals & recognitions viz. The best KVK Awards, AICRP best centre Awards, NAAS Fellowships, Fellow of professional societies, Awards to the Scientists, Women Scientist Awards, Jagjivan Ram innovative farmer Award and Sukhet Model of rural environment and energy security, appreciated by Hon'ble PM. University has also made progress in the way of raising its NIRF (National Institutional Ranking Framework) ranking from 29 in 2024 to 14 in Agriculture and Allied Sectors by NIRF India Ranking 2025. In the IIRF (Indian Institutional Ranking Framework) Central University Rankings 2024, RPCAU, Pusa ranked 10th Among Central Universities in India.



# CENTRAL FACILITIES

We are proud to highlight the array of central facilities that our esteemed university provides to enhance the overall experience of our students, faculty, and guests. These facilities are designed to support academic pursuits, a holistic educational environment, ensure well-being, and foster a vibrant campus life. University is committed to maintaining and enhancing these facilities to ensure a fulfilling and enriching experience for all. An overview of some key central facilities are presented here.

## BIO-DIVERSITY PARK



University is having a beautiful Biodiversity Park covering area of 7.5 ha with focus to conserve native flora and fauna while promoting environmental education and awareness. The park includes various components such as a VIP Plant Tour Block, Cactus House, Rose Garden, Lawn Garden, Natural Forts Tree Species, Cane Block, Aquatic Ponds, Un-conventional Fruits Block, Medicinal Trees Block, Cultural Vans

Block, Nursery Block, Bambusetum, and Butterfly Garden. These components features diverse plant species including endangered ones, and serve educational, recreational, and conversational purposes. The park is open to visitors for a nominal fee on all working days.

## MUSEUM

The university house two museum namely Historical Museum & Vihangam museum. The historical museum is a vital repository of the region's rich agricultural history, spanning from the East India Company's acquisition of Pusa land in 1784 to the establishment of the Agricultural Research Institute in 1905. It encapsulates pivotal moments, including the closure of the horse breeding stud farm, the impact of famines and floods, and the significant contributions of American philanthropist Henry Phipps in 1903.



The exhibits vividly narrate the evolving landscape, from early attempts at horse breeding to the contract for tobacco production in 1877 and the subsequent damages caused by natural disasters. The establishment of a post office in 1895 and the transfer of Pusa's land to the Government of India in 1903 marked crucial milestones.

Central to the museum's narrative is the transformative vision of creating an Agricultural Research Institute, culminating in the laying of the foundation stone of the Phipps Laboratory in 1905 by Viceroy Lord Curzon. This historical timeline underscores the museum's significance, serving as a visual and informational testament to the resilience, challenges, and innovations that shaped Pusa's agricultural legacy. Visitors can explore this curated journey, gaining insights into the region's dynamic past and its enduring impact on agricultural research and development.

Another museum "Vihangam" at RPCAU, Pusa depicts the rich and distinguished legacy of Pusa in agricultural education and research, boasting a history spanning over 200 years. Having evolved into a Central Agricultural University in 2016, it has consistently achieved remarkable milestones. To commemorate this rich heritage and recent accomplishments, the university has unveiled Vihangam, an Agriculture Museum.



The Agriculture Museum showcases the illustrious history of Pusa, featuring displays of various crop seeds, jaggery and honey products, value-added bamboo products, agricultural waste-based products, and mushroom-based products developed by the university. Informative display boards highlighting

research topics like the Sukhet Model, Fish cart Matsya Bandhu, Recharge cum Drainage System, Boat-based Irrigation System, Fish meal prepared from litchi kernels, Climate Resilient Agriculture and Integrated Watershed Management model. Notable attractions within the museum include a Makhana diorama and ancient varieties of paddy.

The exterior of the museum presents a captivating journey, portraying the evolution of various crops, agricultural machinery, fish farming, water management, and the development of cutting-edge technologies. Additionally, it beautifully illustrates the historical journey of India's oldest universities and the life-giving Ganga, from Gomukh to Ganga Sagar.

## CENTRAL WORKSHOP

The central workshop of the university serves as a hub for diverse mechanical activities, encompassing welding, repairs, and maintenance of a range of equipment. Its core functions extend to facilitating the upkeep of university vehicles, offering a comprehensive service that includes requisition based availability of vehicles. The workshop plays a pivotal role in ensuring the seamless operation of the fleets of university vehicles and contributes significantly to the overall maintenance and longevity of university assets. Furthermore, the central workshop manages the availability of university vehicles through a requisition system. This streamlined process ensures that faculty, staff, and other authorized personnel can access vehicles as needed for official purposes. The workshop not only maintains these vehicles but also plays a crucial role in their periodic maintenance. Beyond conventional automotive services, the central workshop extends its expertise to the maintenance of tractors and other farm implements.



## HIGHLIGHTS OF RECENT INITIATIVES AND ACHIEVEMENTS

- Inauguration of high-tech IVF laboratory by the Hon'ble Prime Minister, 2025
- Awarded with 5G Lab to the University by the Hon'ble Prime Minister, 2023
- Establishment of Drone Training Centre for Eastern India in the University, 2023
- Deeksharambh - Orientation Programme, 2023
- GI Tag of Marcha Rice, 2023
- Patents Granted : 13 Patents granted during 2021-25
- Installation of National Flag on 104 ft long steel pole @ Tiranga Park of RPCAU, 2023
- Sukhet Model : An innovative programme of RPCAU, Pusa for rural energy and environment security. Programme is recognized by Hon'ble Prime Minister.
- Integrated University Management System (IUMS) established under NAHEP, ICAR, New Delhi.
- One-month "Guru Dakshata – Faculty Induction Programme" for newly recruited faculty members

# WAY FORWARD



## FLAGSHIP RESEARCH PROGRAMME

- Climate Resilient Agriculture
- Natural Farming system model and Package & Practices

## INTERNATIONALIZATION OF EDUCATION

Following the NEP-2020 guidelines, Education in RPCAU, Pusa will be made more global by accommodating many foreign students & collaboration with international organizations.



## IMPLEMENTATION OF NEP-2020

Road map for Institute Development Plan (IDP) will be developed by following the framework of NEP-2020 and it will be implemented in RPCAU, Pusa, Bihar in most effective manner.

## SUSTAINABLE DEVELOPMENT GOALS-2030

A blue print for the development and progress of all people is developed with 17 prominent goals. RPCAU, Pusa will strive for its achievement by re-orienting & aligning its programmes and activities in this direction.

## Viksit Bharat@2047

Programmes & strategies will be developed to lead RPCAU, Pusa in the direction to achieve the target of Viksit Bharat@2047. More emphasis will be given for innovation & creativity by faculties & students.