



Ranked 14th
NIRF India Rankings 2025

Ranked 10th
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. Satya Prakash, Associate Professor, PGCA

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

Dr. K.L. Bhutia, Assistant Professor, AB&MB, CBSH

Dr. Meenakshi Dwivedi, Assistant Professor, PGCA

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

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PUSA: THE PILGRIMAGE OF INDIAN AGRICULTURE

A HISTORICAL PERSPECTIVE

The history of Pusa is age-old, tracing its roots to the Darbhanga Raj of the Tirhut Estate. In the 18th 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 1767. The East India Company later established a stud farm at Poosah (Pusa) under the supervision of Lieutenant Major Frazer (Superintendent, 1793–1808) to breed cavalry horses. This endeavour continued until 1874, when it was closed due to an epidemic of glanders disease. The Bengal Government owned a large estate at Pusa, where it had earlier operated a model farm from 1875 to 1876. The estate was then leased to a British tobacco company for experimenting on tobacco cultivation from 1877 to 1897 to meet the requirements of cigarette factories in the UK.

Pusa is regarded as a place of pilgrimage for agricultural researchers and academicians in India because it is where organized agricultural research and education began in pre-independence India. This journey began on April 1, 1905, with the establishment of the Agricultural Research Institute (ARI). The “Phipps Laboratory” was the first major structure, built after a generous donation of £30,000 in 1903 by the American philanthropist Henry Phipps. A further grant of £110,000 by the colonial government led to the development of several infrastructures, including the iconic “Navlakha Building.” In 1911, ARI was renamed the Imperial Institute of Agricultural Research, and in 1919, it became the Imperial Agricultural Research Institute (IARI). However, a devastating earthquake on January 15, 1934, forced the relocation of the institute to Delhi on July 29, 1936. After India gained independence in 1947, it assumed its present name, the Indian Agricultural Research Institute (IARI). Since then, IARI has played a pivotal role in advancing Indian agriculture, contributing significantly to making the country both food-secure and nutritionally self-reliant.



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 truly the birthplace of organised agricultural research and education in India. It was here that the first postgraduate programme in agricultural education was introduced in 1923, marking a historic milestone whose centenary is being celebrated in recent year. Pusa has been an epicentre of agriculture- and animal husbandry-related activities since 1794, as documented in several historical records. Its longstanding role in scientific, economic, and educational development makes it one of the oldest centres of agricultural advancement in the Indian subcontinent. Therefore, it is important to clarify that the name Pusa did not originate from the American philanthropist Henry Phipps, despite the common misconception arising from his generous donation to ARI. In reality, Pusa existed long before Phipps' contribution, and its name can be traced to ancient Indian texts. References to “Pooshan”, a Vedic deity associated with nourishment and protection, appear in the 10th sloka of the Rigveda “पूषा गा अन्वेतु नः पूषा रक्षत्वर्वतः । पूषा वाजं सनोतु नः ॥(५)॥sukt 6.54.5 and again in the 16th verse of the Isha Upanishad, a revered text of spiritual knowledge. These references establish that the name Pusa has deep cultural and historical roots, firmly embedded in India's ancient heritage rather than in colonial-era philanthropy.

About the RPCAU

Dr. Rajendra Prasad Central Agricultural University (RPCAU) an Institution of National Importance, was established on 7th 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



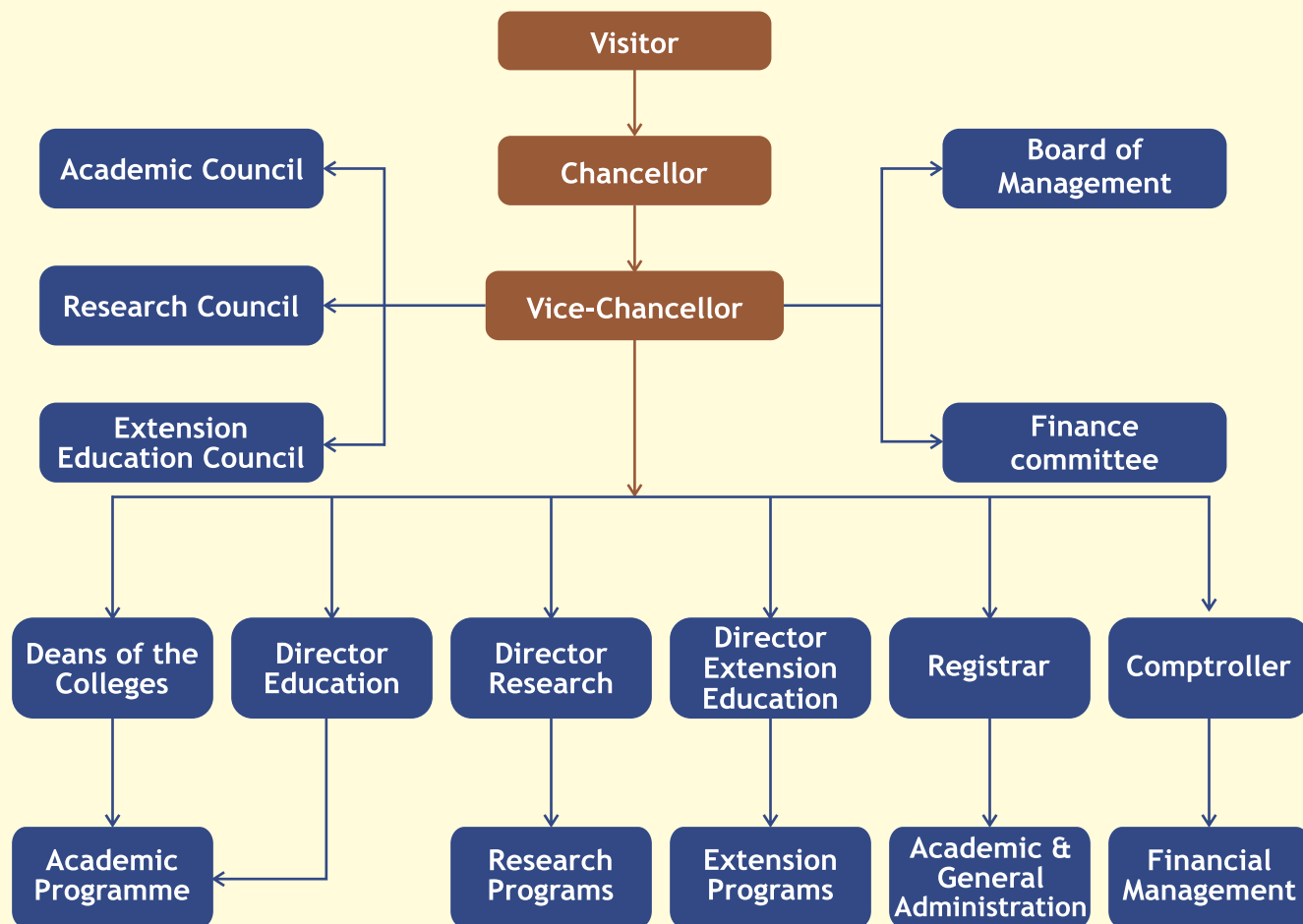
VISION

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

INSTITUTES/UNITS

- Agricultural Technology Information Centre (ATIC)
- Animal Production Research Institute, Pusa (APRI)
- 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
- Sugarcane Research Institutes (SRI)
- 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 main campus of the university at Pusa spreads over 1036 acres. The University offers undergraduate (UG) programmes 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 31 subjects and Ph.D. programme in 22 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. The university has also played a frontline role in implementing NEP-2020.

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 |
|---------------------------------|--------|--|-----------------|-----------------|
| 10 Under Graduate Course | 1 | B.Sc. (Hons.) Agriculture | TCA, Dholi | 99 |
| | 2 | B.F.Sc. | CoF, Dholi | 44 |
| | 3 | B.Sc. (Hons.) Community Science | CCS, Pusa | 44 |
| | 4 | B.Sc. (Hons.) Forestry | PDUCH&F | 33 |
| | 5 | B.Sc. (Hons.) Horticulture | PDUCH&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 | CAET, Pusa | 44 |
| | 9 | B.Tech. Bio-Technology | CBSH, Pusa | 55 |
| | 10 | B.Tech. Food Technology | CAET, Pusa | 33 |
| 31 Post Graduate Course | 1 | M. Tech. Farm Machinery and Power Engineering | CAET, Pusa | 6 |
| | 2 | M. Tech. Processing & Food Engineering | CAET, Pusa | 6 |
| | 3 | M. Tech. Soil and Water Conservation Engineering | CAET, 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. Aquatic Animal Health Management | CoF, Dholi | 5 |
| | 8 | M.F.Sc. Fisheries Resources Management | CoF, Dholi | 6 |
| | 9 | M.F.Sc. Fish Processing Technology | CoF, Dholi | 5 |
| | 10 | M.Sc. (Ag.) Agricultural Economics | PGCA, Pusa | 13 |
| | 11 | M.Sc. (Ag.) Agricultural Extension Education | PGCA, Pusa | 10 |
| | 12 | M.Sc. (Ag.) Agricultural Statistics | CBSH, Pusa | 6 |
| | 13 | M.Sc. (Ag.) Agronomy | PGCA, Pusa | 22 |
| | 14 | M.Sc. (Ag.) Bio-Chemistry | CBSH, Pusa | 5 |
| | 15 | M.Sc. (Ag.) Entomology | PGCA, Pusa | 13 |
| | 16 | M.Sc. (Ag.) Floriculture and Landscaping | PGCA, Pusa | 4 |
| | 17 | M.Sc. (Ag.) Fruit Science | PGCA, Pusa | 6 |
| | 18 | M.Sc. (Ag.) Genetics and Plant Breeding | PGCA, Pusa | 21 |
| | 19 | M.Sc. (Ag.) Microbiology | CBSH, Pusa | 6 |
| | 20 | M.Sc. (Ag.) Molecular Biology and Biotechnology | CBSH, Pusa | 6 |
| | 21 | M.Sc. (Ag.) Nematology | PGCA, Pusa | 6 |
| | 22 | M.Sc. (Ag.) Plant Pathology | PGCA, Pusa | 13 |
| | 23 | M.Sc. (Ag.) Plant Physiology | CBSH, Pusa | 6 |
| | 24 | M.Sc. (Ag.) Seed Science & Technology | PGCA, Pusa | 6 |
| | 25 | M.Sc. (Ag.) Soil Science | PGCA, Pusa | 13 |
| | 26 | M.Sc. (Ag.) Vegetable Science | PGCA, Pusa | 6 |

| | | | | |
|--|---------------------------------|---|-----------------|----|
| | 27 | M.Sc. (C. Sc.) Apparel and Textile Science | CCS, Pusa | 5 |
| | 28 | M.Sc. (C. Sc.) Extension Education and Communication Management | CCS, Pusa | 9 |
| | 29 | M.Sc. (C.Sc.) Food and Nutrition | CCS, Pusa | 6 |
| | 30 | M.Sc. (C.Sc.) Resource Management and Consumer Science | CCS, Pusa | 6 |
| | 31 | M.Sc. (Forestry) Silviculture & Agroforestry | PGCA, Pusa | 5 |
| Doctor of Philosophy (Ph.D) in 22 Disciplines | 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 | CAET, Pusa | 2 |
| | 7 | Ph.D. Food and Nutrition | CCS, Pusa | 2 |
| | 8 | Ph.D. Genetics & Plant Breeding | PGCA, Pusa | 4 |
| | 9 | Ph.D. Microbiology | CBSH, Pusa | 5 |
| | 10 | Ph.D. Molecular Biology & Biotechnology | CBSH, Pusa | 4 |
| | 11 | Ph.D. Plant Pathology | PGCA, Pusa | 3 |
| | 12 | Ph.D. Plant Physiology | CBSH, Pusa | 3 |
| | 13 | Ph.D. Processing and Food Engineering | CAET, Pusa | 2 |
| | 14 | Ph.D. Soil and Water Conservation Engineering | CAET, Pusa | 2 |
| | 15 | Ph.D. Soil Science | PGCA, Pusa | 4 |
| | 16 | Ph.D. Vegetable Science | PGCA, Pusa | 5 |
| | 17 | Ph.D. Agricultural Statistics | CBSH, Pusa | 2 |
| | 18 | Ph.D. Agribusiness Management | SAB&RM, Pusa | 2 |
| | 19 | Ph.D. Fisheries Resources Management | CoF, Dholi | 2 |
| | 20 | Ph.D. Seed Science and Technology | PGCA, Pusa | 2 |
| | 21 | Ph.D. Fruit Science | PGCA, Pusa | 2 |
| | 22 | Ph.D. Silviculture and Agroforestry | PGCA, Pusa | 2 |
| 3 PG Diploma & 10 Certificate Courses | 1 | PG Diploma in Agri-Tourism Management | SAB&RM, Pusa | 25 |
| | 2 | PG Diploma in Agri-Warehouse Management | CAET, Pusa | 25 |
| | 3 | PG Diploma in Agricultural Journalism & Mass Communication | SAB&RM, Pusa | 25 |
| | 1 | Artificial Insemination & Embryo Transfer Technology | RGM, Piprakothi | 20 |
| | 2 | Farm Mechanization | CAET, Pusa | 20 |
| | 3 | Fish Culture Assistant | CoF, Dholi | 10 |
| | 4 | Fish Hatchery Assistant | CoF, Dholi | 10 |
| | 5 | Mushroom Cultivation Technology | CBSH, Pusa | 20 |
| | 6 | Nursery Management | PDUCH&F | 20 |
| | 7 | Plant Tissue Culture | CBSH, Pusa | 20 |
| 8 | Seed Production Assistant | DS, Dholi | 20 | |
| 9 | Senior Citizen Care | CCS, Pusa | 20 | |
| 10 | Sugarcane Cultivation Assistant | SRI, Pusa | 20 | |

STUDENTS INTAKE

| Degree | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | 2024-25 |
|--------|---------|---------|---------|---------|---------|---------|---------|
| UG | 290 | 319 | 319 | 407 | 407 | 427 | 451 |
| PG | 280 | 280 | 288 | 294 | 302 | 302 | 302 |
| Ph.D. | 32 | 32 | 39 | 44 | 54 | 54 | 54 |

SIGNIFICANT ACHIEVEMENTS

| | |
|---------------------------------------|--|
| Academic Programme | 76 programmes (10 UG, 31 PG, 22 Ph.D, 3 PG Diploma and 10 Certificate courses) |
| Students | Intake Capacity-830 (2025-26); Student Strength-1989; Student Diversity-27 states; Student retention-92% |
| Faculty | No. of Faculty - 288; Faculty Diversity - 22 States |
| Collaboration | National and International Collaborations - 56 |
| Other Academic Initiative/Achievement | <ul style="list-style-type: none"> AIR-1 in ICAR-AIEEA (PG) Fisheries E-cell CAET, Pusa Secured 2nd position in the ADVANCED TRACT on innovation and entrepreneurship development contest organised by IIT Mumbai among 600 colleges in 2024. 123 students qualified in International/National level exams. Ensured Academic Integrity by implementing plagiarism detecting software (TURNITIN). Introduced Academic Management Module. Faculty Induction Programme for newly recruited faculties. Blended mode of Pedagogy & Remote Access to Library database & E-Resources. Deeksharambh : Nurture the inherent talent of students & holistic development to make responsible citizens for society as well as for the country through Deeksharambh, a Foundation Course. Radio Frequency Identification (RFID) enabled library system. |



DEEKSHARAMBH



100 % PLACEMENT AT SAB&RM



CONVOCATION



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

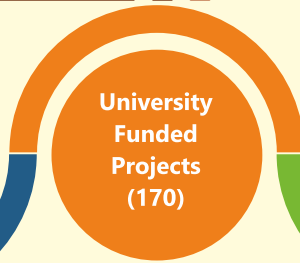


Indigenous cattle conservation and improvement Centre

RESEARCH PROJECTS



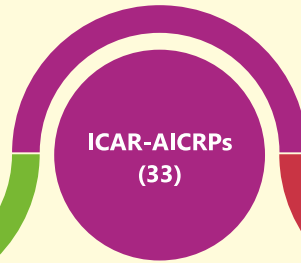
International Projects (03)



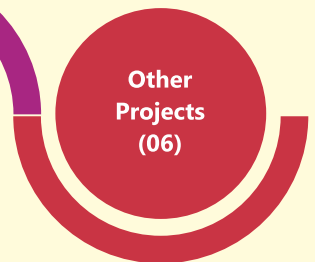
University Funded Projects (170)



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)



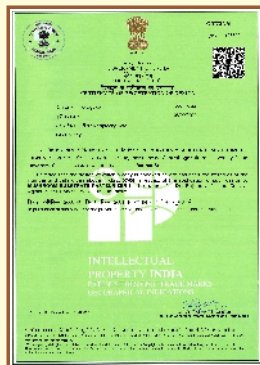
Food Cart (2022)



Hand Tool for Okra Harvesting with Collection Hopper (2022)



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



Mushroom substrate pasteurizer (2023)



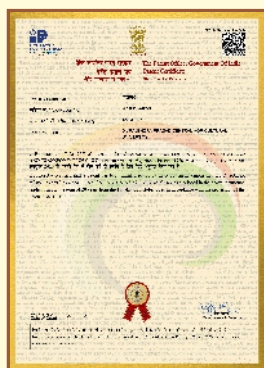
Method and Composition of Unique Mushroom Samosa (2023)



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

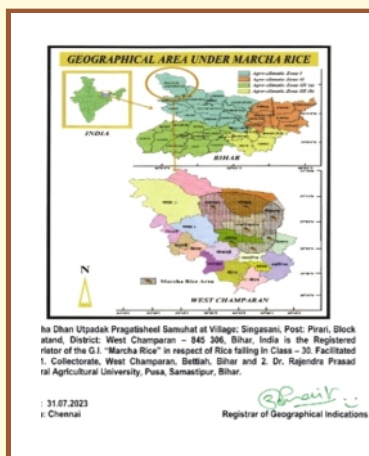


Mushroom Paneer and Method of Producing the Same



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

Scientific Publications : Faculty contributions include 1737 (Scopus Indexed) publications– research papers (National & International Journals), Books, Popular articles, Policy papers and Book chapters.

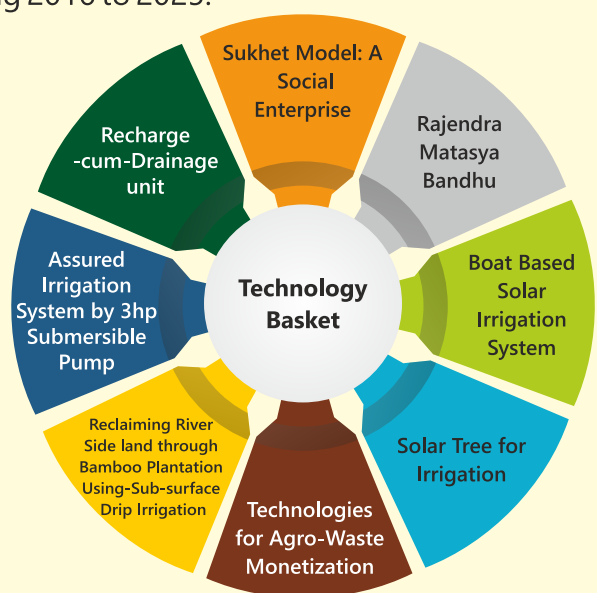
ACHIEVEMENTS IN EXTENSION

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. Under the visionary leadership of Dr. P. S. Pandey, Hon'ble Vice Chancellor, RPCAU, Pusa, the University played a pivotal role in steering the implementation of Viksit Krishi Sankalp Abhiyan (VKSA) across Bihar and Jharkhand. The campaign, conducted from 29 May to 12 June 2025, facilitated extensive outreach across 62 districts, benefitting over 8.58 lakh farmers through 7,201 programmes organised in 9,811 villages. Through coordinated efforts of KVKs, ICAR institutes, SAUs/CAUs, and state departments, critical messages on climate-resilient agriculture, improved Kharif management, agri-drone applications, livestock development, and natural farming were effectively disseminated.



SIGNIFICANT EXTENSION ACTIVITIES

- Organized 10 mega Kisan Melas, including one at the birthplace of Dr. Rajendra Prasad, the First President of India during 2016-2025. More than 60 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 2025.
- 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 2025.



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 2025 under Agriculture and Allied Sectors. In the IIRF (Indian Institutional Ranking Framework) Central University Rankings 2025, 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.

UNIVERSITY LIBRARY

The Dr. Rajendra Prasad Central Agricultural University (RPCAU) Library is the heart of the university's academic system. It consists of a central library at Pusa and eight constituent college libraries across three campuses, all connected via a cloud-hosted Koha ILMS to efficiently meet the academic and research needs of the user community. Established in 1978 at TCA Dholi and moved to Pusa in 1981, the library supports the university's mandate by providing diverse learning resources like scientific journals, books, e-books, and databases. Furthermore, it has achieved significant digital transformation through the deployment of state-of-the-art technology, including RFID (Radio Frequency Identification) for self-circulation services and MyLOFT (My Library on Finger Tips) for 24x7 remote access to its digital resources from anywhere, any time.



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.



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. 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 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.
- Establishment of School of Natural Farming-2023.
- Establishment of Central Instrumentation facility during 2025.

WAY FORWARD



FLAGSHIP RESEARCH PROGRAMME

- Climate Resilient Agriculture
- Natural Farming system model and Package & Practices
- Digital Agriculture with focus on AI

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 blueprint 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.