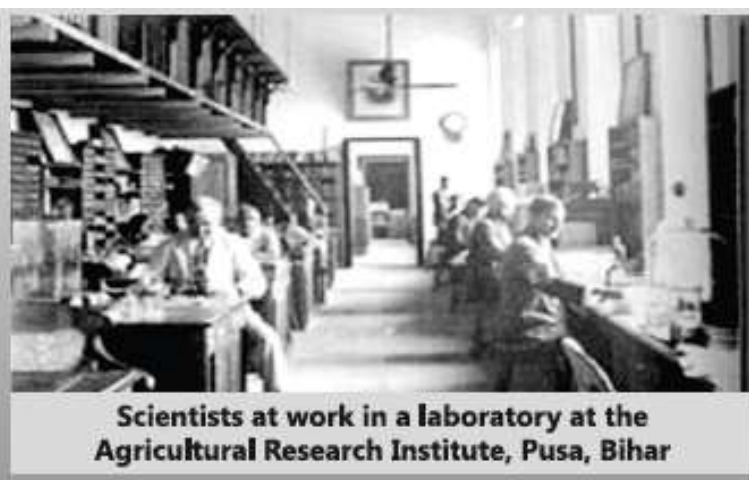


Content for Re-Development of DARE Website

Heritage of Pusa

The history of Pusa is age-old, which has the roots in the Darbhanga Raj of Tirhut Estate wherein 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 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.

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 epicenter 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 10th sloka devoted to deity Pooshan" "पूषा गा अवतु नः पूषा रक्षिता रिवतः। पूषा वाजं सनोतु नः।" ॥५॥sukt 6.54.5." and also in the 16th sloka of "Eshavaashopnishad" which is one of the reputed embodiment of holy knowledge book.

About RPCAU

Dr. Rajendra Prasad Central Agricultural University (RPCAU) an Institution of National Importance, was established on 7 October, 2016, owes its legacy to Rajendra Agricultural University, Pusa (1970) and Agricultural Research Institute, Pusa (1905), where higher agricultural



education at 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 extension education is extended to the whole country with special reference to the state of Bihar.

VISION

Advancing professional competency for pursuing excellence in agriculture and allied education, research, and entrepreneurship with ethical values to meet the Regional, National and Global needs and offering specialized services to the farmers for decent livelihood resilient and mitigating pressure on agricultural land through higher productivity.

MISSION

- (A) 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.
- (B) Shaping agricultural stakeholders into self-sustaining mode through innovative centric education, cutting-edge research, entrepreneurship/start-up skill development and dissemination of appropriate agricultural technology.
- (C) Nurturing national/global needs of achieving sustainable food production and safety while mitigating pressure on agricultural land through advance interventions of research and development.

Objectives:

- To improve the quality of education, research, and extension by creating a sound, intellectual and hardworking manpower in agriculture and allied fields at par with the national/international institutes.
- To undertake basic, strategic, and applied research for developing technologies to enhance productivity and quality of agricultural and animal produce.
- To improve the nutritional standard and quality of life of the people through the promotion of sustainable development in agriculture sector.
- To provide an integrated outreach to meet the agricultural needs of the country with special reference to Bihar and to act as a link between the university scientists and farming community as well as allied industries.

Brief Background 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 at 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 extension education is extended to the whole country with special reference to the state of Bihar.

RPCAU consists of eight colleges located at Pusa, Dholi, and Piprakothi, offering 67 academic programs, including 10 undergraduate, 28 postgraduate, 16 PhD, 3 PG diploma, and 10 certificate courses. The university has an intake capacity of 1,080 students, with a current strength of 2,000 students and a high retention rate of 92%. Students from 27 states and faculty from 17 states contribute to this diversity.

Research and innovation remain the backbone of RPCAU. With six regional research stations and institutes and eight Centers of Excellence, the university successfully implemented 185 research projects, leading to the release of 23 varieties, 28 technologies,

and 12 patents. Our focus on intellectual contributions resulted in 1,458 publications in national and international journals.

In extension activities, the university, through its 16 Krishi Vigyan Kendras, trained over 3,00,000 farmers, conducted 1,916 frontline demonstrations, and organized 23,267 farmer-centric activities. Our initiatives like the *Sukhet Model* have received national recognition, including appreciation in the 80th edition of *Mann Ki Baat* and Award of 5G Lab to RPCAU, Pusa by Hon'ble Prime Ministers. RPCAU has also established a DGCA-approved Drone Pilot Training Center, providing licenses to aspiring drone pilots, furthering its commitment to advancing digital technology and modern agricultural education in the region.

RPCAU's commitment to sustainability was reflected in awards such as the Green Campus Initiative Excellence Award and recognition as the Green University of the Asia-Pacific region. Our academic excellence is validated by rankings like 7th in IIRF 2024 and 29th in NIRF 2024.

Academic Programs and Students Welfare Activities

Excellence in education is embodied in the academic structure of the university, consisting of 08 colleges viz. Tirhut College of Agriculture, PG College of Agriculture, College of Agricultural Engineering and Technology, College of Community Science, College of Basic Sciences and Humanities, College of Fisheries and Pt. Deen Dayal Upadhyay College of Horticulture and Forestry, 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, Forestry, Natural Farming and Food Nutrition and Dietetics; Master's programme in 28 subjects and Ph.D. programme in 16 subjects. To streamline academic processes, RPCAU has implemented the Integrated University Management System (IUMS) and e-Office, enhancing its academic management efficiency. 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 generate responsible citizen for society as well as country through Diksharambh as foundation course; programme for augmenting happiness index of student and faculty and Career counselling of students. 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, IISERs, IITs, IARI, CIFA 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.



Educational Programs

RPCAU consists of eight colleges located at Pusa, Dholi, and Piprakothi, offering 67 academic programs, including 10 undergraduate, 28 postgraduate, 16 PhD, 3 PG diploma, and 10 certificate courses. The university has an intake capacity of 1,080 students, with a current strength of 2,000 students and a high retention rate of 92%. Students from 27 states and faculty from 17 states contribute to this diversity.

Number of Colleges attached: 08

1. Tirhut College of Agriculture, Dholi, Muzaffarpur
2. College of Fisheries, Dholi, Muzaffarpur
3. Pandit Dindayal Upadhyay College of Horticulture and Forestry, Piprakothi, Motihari
4. College of Community Science, Pusa, Samastipur
5. College of Agriculture Engineering & Technology, Pusa, Samastipur
6. College of Basic Science and Humanities, Pusa, Samastipur
7. Post-Graduate College of Agriculture, Pusa, Samastipur
8. School of Agri-Business and Rural Management (SAB&RM), Pusa

ACADEMIC PROGRAMME

	Sl. No.	Degrees offered
10 Under Graduate	1	B.Tech. Agricultural Engineering
	2	B.Tech. Food Technology
	3	B.Tech. Bio-Technology
	4	B.Sc. (Hons.) Community Science
	5	B.F.Sc.
	6	B.Sc. (Hons.) Forestry
	7	B.Sc. (Hons.) Horticulture
	8	B.Sc. (Hons.) Agriculture
	9	B.Sc. (Hons.) Natural Farming
	10	B.Sc. (Hons.) Food Nutrition and Dietetics
28 Post Graduate	1	M. Tech. Farm Machinery and Power Engineering
	2	M. Tech. Processing & Food Engineering
	3	M. Tech. Soil and Water Conservation Engineering
	4	M.Sc. (Ag.) Agricultural Statistics
	5	M.Sc. (Ag.) Bio-Chemistry
	6	M.Sc. (Ag.) Microbiology
	7	M.Sc. (Ag.) Molecular Biology and Biotechnology
	8	M.Sc. (Ag.) Plant Physiology
	9	M.Sc. (C.Sc.) Apparel and Textile Science
	10	M.Sc. (C.Sc.) Extension Education & Communication Management
	11	M.Sc. (C.Sc.) Food and Nutrition
	12	M.Sc. (C.Sc.) Resource Management and Consumer Science
	13	M.F.Sc. Aquaculture
	14	M.F.Sc. Fisheries Resources Management
	15	M.Sc. (Ag.) Agronomy
	16	M.Sc. (Ag.) Agricultural Economics
	17	M.Sc. (Ag.) Agricultural Extension Education
	18	M.Sc. (Ag.) Entomology
	19	M.Sc. (Ag.) Fruit Science
	20	M.Sc. (Ag.) Genetics and Plant Breeding
	21	M.Sc. (Ag.) Nematology
	22	M.Sc. (Ag.) Plant Pathology
	23	M.Sc. (Ag.) Seed Science & Technology
	24	M.Sc. (Ag.) Soil Science
	25	M.Sc. (Ag.) Vegetable Science
	26	M.Sc. (Forestry) Silviculture & Agroforestry
	27	M.B.A. Agri-Business Management
	28	M.B.A. Rural Management

Research

With two research institute, four regional research stations, as well as eight centers of excellence, RPCAU has achieved notable research outcomes. These include the development of 23 crop varieties, 28 technologies, 12 patents, and 1 GI tag. In terms of project implementation, RPCAU has undertaken a total of 185 research projects, with 107 ongoing and 78 successfully completed, reflecting sustained efforts to address pressing agricultural challenges. The university's research productivity is highlighted by an impressive portfolio of 1,458 publications and the development of five influential policy papers that have contributed to shaping agricultural policy and practice.

Extension

RPCAU's extension services through its 16 Krishi Vigyan Kendras (KVKs) have benefited approximately 50,000 farmers through nine Kisan melas and various training programs. Over 3 lakh farmers/rural youth/extension workers have been benefitted through various activities of the KVKs. The university also conducted 1,916 front-line demonstrations, 23,267 farmer activities, and 160 technology trials, while establishing 80 Extension Knowledge Kiosks and 64 virtual e-Kisan Choupals.

Awards and Recognitions

The university ranked 7th in IIRF 2024, 29th in NIRF 2024, and ranked 9th among the top important government universities in the India Today-MDRA survey 2024. RPCAU has earned national recognition in various fields, including the feature of its Sukhet Model in the "Mann Ki Baat" program and Awarded with 5G Lab to RPCAU, Pusa by Hon'ble Prime Ministers 2023. RPCAU has also established a DGCA-approved Drone Pilot Training Center, providing licenses to aspiring drone pilots, furthering its commitment to advancing digital technology and modern agricultural education in the region. It received the "University of the Year Award" from FICCI in 2021, and both a Green Campus Excellence Award and a Green University award for the Asia-Pacific region in 2020. KVKs of RPCAU have been awarded including the Pandit Deendayal Upadhyay Krishi Vigyan Protshahan Puraskar in 2020 and the Jagjivan Ram Abhinav Kisan Puraskar.



Students Achievements

Students excelled in various fields, winning medals at the All-India ICAR Sports Meet 2022-23, securing AIR-1 in GATE, and achieving 3rd place in Asia's largest business conclave at IIT Mumbai. The university's E-Cell recently achieved 2nd place in the All India E-Summit Contest organized as part of the National Entrepreneurship Challenge at IIT Mumbai from February 2-4, 2024. Furthermore, the Agri-Business and Rural Management students achieved 100% placement for both the 2022-23 and 2023-24 academic years.

