

COF-AT A GLANCE

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College of Fisheries, Dholi, Muzaffarpur-843 121, RPCAU, Pusa, Bihar, India

CITATION

COF-at a Glance, 2025. College of Fisheries, Dr. Rajendra Prasad Central Agricultural University, Dholi, Muzaffarpur-843 121, Bihar. pp. 38.

MONTH & YEAR OF PUBLICATION

October, 2025

PREFACE

It gives me immense pleasure to present COF- AT A GLANCE, a concise compendium highlighting the journey, achievements, and aspirations of the College of Fisheries, Dholi, Dr. Rajendra Prasad Central Agricultural University, Pusa. Since its inception, the College has been committed to advancing fisheries education activities with the objective of strengthening the blue economy and sustainable utilization resources. And since 2018 the college began Post-graduation in Aquaculture and Fisheries Resource Management, and later on doctoral programme since 2021 in Aquaculture and now from 2025 onwards the college shall be persuading teaching with B.F.Sc, M.F.Sc Aquaculture, Fisheries Resource Management, Fish Processing Technology, Aquatic Animal Health Management, and PhD in Aquaculture, Fisheries Resource Management beside the PG research, and fisheries extension activities.



Professor P.P. Srivastava dean.cof@rpcau.ac.in

This issue of COF-AT A GLANCE provides an overview of our academic programs, infrastructural facilities, research initiatives, extension activities, and the dedicated efforts of our faculty, staff, and students. It is designed to serve as a quick reference for academicians, researchers, students, and stakeholders who wish to acquaint themselves with the vision and contributions of the College. The College of Fisheries, Dholi, stands at the forefront of nurturing skilled human resources and generating knowledge for sustainable aquaculture and fisheries management.

I sincerely recognize and acknowledge the commitment of all who have contributed to the growth of this institution and to the preparation of this document. I hope COF-AT A GLANCE will be both informative and inspiring, reflecting our continued dedication for the excellence in fisheries science and education.

DEAN CoF, Dholi

College of Fisheries, Dholi

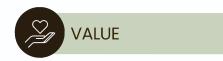
The College of Fisheries, Dholi, is one of the oldest colleges in the fisheries sector in the country, offering undergraduate and post-graduate professional degree programs. It was officially established on November 5, 1986, following approval by the Board of Management, than Rajendra Agricultural University during its meeting on August 26, 1986. Thus, this college became the 7th Fisheries College in the country operating under the Agricultural University Education System. The first batch of students was enrolled in the academic session of 1986–87, with the classes commenced on January 13, 1987.



 To establish a distinctive teaching and learning environment through technical education and scientific research in fisheries, producing technical experts, researchers, and entrepreneurs dedicated to serving fishers, farmers, and industries.



- To provide fisheries graduates with a robust academic curriculum, innovative research opportunities, and industrial training to impart new knowledge.
- To develop outstanding researchers and educators through high-quality education and cutting-edge research in postgraduate programs.
- To identify and address regional and national research challenges and undertaking collaborative projects with academia and industry, aiming for sustainable fish production.
- To disseminate appropriate aquaculture and fisheries technologies to fishers, farmers, and industries.



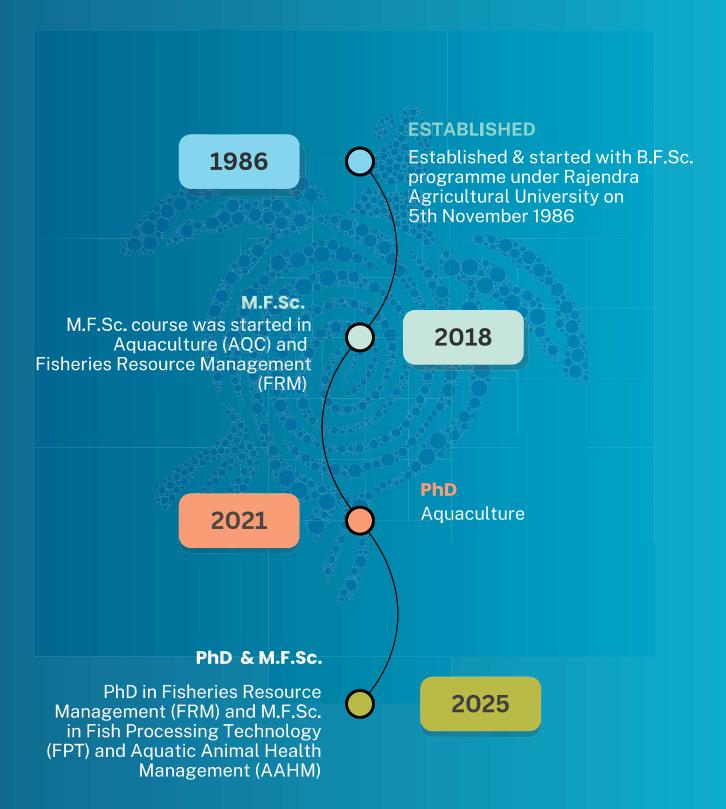
 Upholding the highest standards of teaching and research maintaining ethics, honesty and transparency, accountability to all stakeholders.



ORGANOGRAM



TIMELINE





Admission of Indian nationals to the B.F.Sc. programme is taken by the Indian Council of Agricultural Research (ICAR) through the ICAR-AIEEA (UG) examination, held annually by the National Testing Agency (NTA). Eligible subjects for this examination include PCB, PCMB, or Inter-Agriculture in Higher Secondary/10+2/Intermediate.

For Foreign/NRI/PIO/SAARC/ASIAN/AFRICAN nationals, admission is through ICAR or nomination by their respective country's embassy. Applicants can also apply directly to RPCAU, Pusa, Samastipur, Bihar, India, with RPCAU obtaining clearance from DARE/MEA, Government of India. Candidates can apply when admissions are announced on the university website





Post-Graduate Programme

Admission of Indian nationals to the M.F.Sc. programmes is taken by the Indian Council of Agricultural Research (ICAR) through the ICAR-AIEEA (PG & PhD) examination, held annually by the National Testing Agency (NTA).

In-service candidates from Central/State Agricultural Universities, ICAR Institutes, and industry-sponsored candidates may also apply for the program through the proper channel or their employer under their academic upgradation scheme.

Foreign/NRI/PIO/SAARC/ASIAN/AFRICAN nationals seeking admission to PG and PhD programs can apply directly to RPCAU, Pusa, Samastipur, Bihar, India. RPCAU will obtain clearance from DARE/MEA, Government of India. Candidates should apply via email (asst.registrar_exam@rpcau.ac.in) when admissions are announced on the university website (www.rpcau.ac.in).



FELLOWSHIP

National Talent Scholarship to the Under-graduates @ ₹ 3,000.00 and merit assistantship to Post graduate students (M.F.Sc.) @ ₹ 5,000.00 per months who admitted in the College through ICAR. This is applicable only to those students who are not domicile of Bihar.

Students of State of Bihar admitted in Under-graduate programme are eligible for stipend of Govt. of Bihar @ ₹ 2,000.00 per months. Additionally, they receive ₹ 6,000.00 per year as Book Grant for the purchase of books and reading materials.

Students enrolled in PG and PhD programme are eligible for University scholarship @ ₹ 3,000.00 and ₹4,500.00 per month, respectively.

The candidates who passed the ICAR-SRF/CSIR/UGC/DBT/ICMR/NFHE/MANF are eligible for the Fellowship of the above bodies as per rules.

There will be no fellowship to in-service/industry sponsored candidates.





AVAILABILITY OF SEATS

S. No.	Academic Programme	No. of seats	Eligibility
1	B.F.Sc.	44	PCB/PCMB/ Inter- Agriculture
	M.F.Sc.		
2	a. Aquaculture	6	B.F.Sc.
	b. Fisheries Resource Management	6	B.F.Sc.
	c. Fish Processing Technology	5	B.F.Sc.
	d. Aquatic Animal Health Management	5	B.F.Sc.
3	PhD		:::::
	a. Aquaculture	5	B.F.Sc., M.F.Sc. (Aquaculture)
	b. Fisheries Resource Management	2	B.F.Sc., M.F.Sc.(FRM)





NEW ENVIRONMENT NEEDS

Student support

Acclimatization

Know each other

DEEKSHARAMBH

A university foundation course designed for all newly admitted students of the Bachelor's Degree program at RPCAU, Pusa.

The program aimed at facilitating a smooth transition for the students from school to college and the university education system. It aimed to help students blend into the new environment and set a healthy routine that included a mix of curricular, co-curricular, and extracurricular activities.



Students learn fast and confidently

AQUACULTURE

The Department of Aquaculture is a department of the college, offering M.F.Sc. and PhD programs. Its primary focus includes developing low-cost feed, induced breeding of potential fish species, and promoting cage culture, RAS, and biofloc fish culture systems. Additionally, the department emphasizes training and awareness programs for freshwater fish farmers to keep them updated on the latest techniques in aquaculture.



Dr. Sivendra Kumar **Professor & Head**



Dr. Mukesh Kumar Singh **Assistant Professor**



Dr. Pravesh Kumar **Assistant Professor**



Assistant Professor



Dr. Sanayaima Singha Mr. Patekar Prakash Goraksha **Assistant Professor**

On-going Research Projects

Title of the Project	Investigator	Funding Agency	Period
Exploring of the potential of phyto origin materials on health status and reproductive performance of Climbing Perch (Anabas testudineus)	Dr. Shivendra Kumar	Institutional	2024-26
Studies on nanoencapsulation of Oregano essential oil and its use as fish anesthetic agent	Dr. Pravesh Kumar	Institutional	2024-26
Taxonomic evaluation of selected small indigenous freshwater fishes from Bihar	Dr. M. K. Singh	Institutional	2024-27



CIRCULAR CARP HATCHERY



BIOFLOC UNIT



RAS

FARM FACILITIES

COF, Dholi is equipped with a well-established research-cum-demonstration fish hatchery and other farm facilities, which serves as a valuable resource for teaching, research and training purposes.

CAREER OPPORTUNITIES

- Educators, researchers, or consultants in academia and aquaculture firms.
- Extension services, NGOs, and government roles for training and technical support.
- Project management or leadership roles in aquaculture programs.



FRESHWATER PRAWN HATCHERY



FARM FACILITIES



FEED MILL

FISHERIES RESOURCE MANAGEMENT

Fish resources in Bihar are facing severe challenges due to heavy exploitation and environmental degradation. The decline in fish stocks and subsequent economic downturn is also attributed to a lack of knowledge regarding sustainable fisheries practices and conservation methods. To address this, the Department of Fisheries Resource Management was established to provide regular academic teaching to B.F.Sc. and M.F.Sc. students on topics such as fish taxonomy, biology, fish population dynamics, and resource assessment. The department also conducts scientific research on species and population diversity, feeding, reproductive and environmental biology, stock assessment, and the level of exploitation of fish resources in various water bodies across Bihar. Presently Department is offering PG and PhD in Fisheries Resource Management.



Dr. Ghanasham Nath Jha Associate Professor



Dr. Adita Sharma Assistant Professor



Mr. Roshan Kumar Ram Assistant Professor



Dr. S. Bidyasagar Singh Assistant Professor

On-going Research Projects

Title of the Project	Investigators	Funding Agency	Period
Entrepreneurship Development Programme on Freshwater Pearl Culture: to empower schedule cast (SC) communities of North Bihar	Dr. Adita Sharma	Education Division, ICAR, New Delhi	2025-26
Demonstration of Pearl culture using Freshwater mussel, Lamelidens marginalis	Dr. Adita Sharma	Institutional	2024-26
Studies on diversity, feeding habits and Reproductive biology of Ornamental Loach Fishes from Rivers of North Bihar	Mr. R. K. Ram	Institutional	2024-26



AQUATIC ANIMAL HEALTH MANAGEMENT

The department aims to conduct under graduate (UG) & Post-Graduate (PG) teaching, research, and extension activities related to Aquatic Animal Health. It offers diagnostic services for fish diseases to aquaculture farmers. Additionally, it supports aquarium shop owners and hobbyists by diagnosing and managing diseases in ornamental fish.



Dr. R.K. Brahmchari
Assistant Professor (Senior Scale)



Dr. S.K. Nayak Assistant Professor



Dr. Glushan Kumar Assistant Professor

On-going Research Projects

Title of the Project	Investigators	Funding Agency	Period
National Surveillance Programme for Aquatic Animal Diseases (NSPAAD) - Phase II [Sub Project No. 28]	Dr. R. K. Brahmchari	PMMSY, DoF, GOI	2023-26
Enhancing Fish Health Through Biotherapeutic Microbial Supple-mentation in Indian Major Carp Labeo rohita Fingerlings	Dr. S. K. Nayak	Institutional	2024-26





LABORATORY FACILITIES

The laboratory is well-equipped with modern instruments and diagnostic facilities required for the detection, identification, and analysis of aquatic animal diseases. lt provides comprehensive support for disease surveillance, pathogen isolation, molecular and microscopic examination, and health monitoring of aquatic organisms. These facilities not only strengthen academic and research activities but also contribute to the development of effective health management strategies for sustainable aquaculture and fisheries.



AQUATIC ENVIRONMENT MANAGEMENT

Aquatic environments worldwide are under immense anthropogenic stress, whether freshwater, marine, or brackish water ecosystems. The discharge of industrial effluents into these ecosystems poses significant challenges, making pollution monitoring crucial due to its substantial impact on fish production. A scientific approach is essential to identify the root causes of these problems and to develop suitable remedies for the sustainable use of aquatic resources. To address these issues, the department conducts undergraduate teaching, research, and extension activities focused on the aquatic environment. Additionally, the department addresses environmental constraints faced by the aquaculture sector.



Dr. Mogalekar H.S. Assistant Professor



Ms. Chandni Roy Dutt
Assistant Professor

On-going Research Projects

Title of the Project	Investigator	Funding Agency	Period
Assessment of Molluscan and Crustacean Diversity in Selected Stretches of Gandak River of North Bihar	Dr. Mogalekar H.S.	Institutional	2024-26
Assessing turtles /tortoise diversity, habitat ecology and nesting ground identification for conservation along the Gandak River in Valmiki Tiger Reserve	Dr. Mogalekar H.S.	Centre for Applied Research & Peoples Engagement, Aurangabad, Maharashtra	2024-25

FISH PROCESSING TECHNOLOGY

Fish processing is a key area within the fisheries post-harvest sector, focusing on various aspects of seafood preservation and value addition. Methods of processing and preservation range from basic techniques such as icing and chilling, to advanced technologies like freezing and retorting. Value addition involves developing innovative products that ensure the effective utilization of both commercially important species and underutilized fish. The department provides undergraduate teaching, conducts research, and engages in extension activities for rural youth, covering these essential aspects of fish processing.



Dr. Tanushri Ghorai Assistant Professor



Ms. Abhilipsa Biswal Assistant Professor

On-going Research Projects

Title of the Project	Investigator	Funding Agency	Period
Development of natural preservative blended Ready-to-eat Fish Cuisine using Sous Vide Technique	Dr. T. Ghorai	Institutional	2024-26





FACILITIES

The laboratory is well-equipped with a comprehensive range of instruments machinery, extending from basic laboratory high-end to advanced, equipment. These facilities are specifically designed to support food processing, preservation, and the value addition of fish and fishery products. The availability of such infrastructure not only facilitates practical training and skill development of students but also enables research, innovation, and technology dissemination in the field of fish processing and postharvest technology.



FISHERIES ENGINEERING

The Department of Fisheries Engineering focuses on delivering quality education and conducting research in several key areas, including aquaculture engineering, materials for fishing craft and gear, the design and construction of fishing gear and craft, fishing technology, biodiversity protection, environmental safety, fish preservation techniques, and the validation, standardization, and mechanization of Indigenous Technical Knowledge (ITKs) related to fish harvest and post-harvest technology.



Mr. Anirudh Kumar Assistant Professor

On-going Research Project

Title of the Project	Investigator	Funding Agency	Period
Development of Solar Powered Aeration System (SPAS) for fish pond	Mr. Anirudh Kumar	Institutional	2024-26



FISHERIES EXTENSION, ECONOMICS AND STATISTICS

The Department of Fisheries Extension, Economics and Statistics integrates social sciences with fisheries education by focusing on economics, statistics, and extension methodologies. It equips students with skills in socio-economic analysis, research, and community outreach while promoting sustainable fisheries development. Through teaching, research, and stakeholder engagement, the department plays a vital role in linking scientific innovations with fishing communities and shaping policies for the holistic growth of the fisheries sector.



Dr. Abhilash Thapa Assistant Professor Fisheries Economics



Mr. Ram Kumar Kurmi Assistant Professor Fisheries Extension

INFRASTRUCTURE AND PEDAGOGY

LEARNING RESOURCES

The classrooms at CoF, Dholi provide an excellent environment for learning. They are furnished with well-designed furniture, offer proper seating arrangements, and feature Digital Podiums equipped with interactive whiteboards. The teaching-learning pedagogy adopted in these classrooms is IT-enabled, allowing each classroom to accommodate up to 45 students. Classrooms are provided with CCTV for effective supervision.

Dr. V.G. Jhingran Committee Room and Dr. P.V. Dehadrai Video Conference Hall are dedicated spaces designed for hosting post-graduate seminars and conferences.

LABORATORY

Independent laboratories to each departments for conducting UG/PG practicals, designed to accommodate the sanctioned student capacity. These laboratories are equipped with the necessary instruments and equipment to facilitate postgraduate research activities.

The College boasts a vibrant aquarium lab that houses a diverse array of indigenous and exotic ornamental fishes. This facility not only offers practical, hands-on training to students but also serves as a captivating attraction for a significant number of visitors.

The wet laboratory is available at the College to support post-graduate experiments.

LIBRARY

The College library supports the teaching, research, and extension programs of the institution by providing services to students, faculty, and researchers. It houses a collection of over **7,200** text and reference books. Additionally, the library offers access to a mobile and web-based digital platform, **MyLOFT** (My Library on Fingertips), available to both students and faculty. The University also subscribes to **ONOS** (One Nation, One Subscription) — the largest e-resource platform providing access to a vast collection of journals and high-impact research articles.



AMINITIES AND FACILITIES

BOYS HOSTEL

The Dinkar Boys Hostel at the College provides residential accommodation for up to 75 male students. The hostel is designed to offer a safe, comfortable, and student-friendly living environment, equipped with essential amenities to meet the daily needs of residents.

GIRLS HOSTEL

In addition, hostel facilities for female students are available in three wellmaintained Girls' Hostels located within the Dholi Parisar. Both boys' and girls' hostels are equipped with all the essential amenities required for a safe and comfortable stay, including common adequate living space, rooms, and basic recreational facilities. The hostel mess is managed by the students themselves on a cooperative basis, which not only ensures nutritious and hygienic meals but also inculcates a sense of responsibility, teamwork, and community living among the residents.







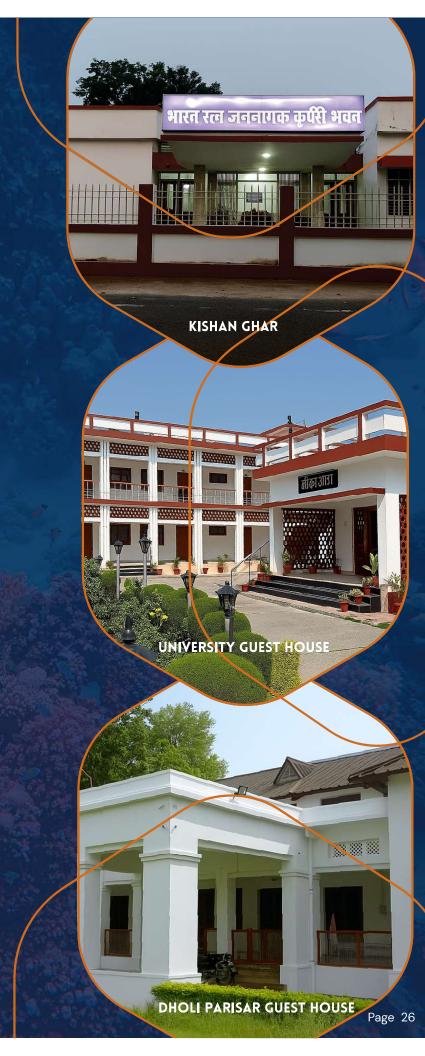


There is a shared playground at Dholi Parisar, providing facilities for playing games such as cricket, football, and volleyball. Additionally, indoor games like badminton and table tennis are available at the respective hostels. Numerous student clubs are being managed by students and supervised by faculty coordinators. These clubs are highly active and dynamic, holding regular meetings and organizing events for the betterment of both students and the community. The following clubs are currently operating at Dholi Parishar: Cultural Club, Literary Club, Art & Craft Club, Games & Sports Club, and Yoga Club. Students are actively involved in inter-collegiate and inter-university competitions in sports & games meet and cultural fests.

TThe Dholi Parisar is equipped with well-maintained guest houses that function under the administrative control of Tirhut College of Agriculture (TCA), Dholi, and Dr. Rajendra Prasad Central Agricultural University (RPCAU), Pusa, Headquarters. These facilities are available for accommodation students, parents, visiting academicians, and other authorized guests. Reservations are subject to prior booking and availability, and allotment is made on a payment basis in accordance with the prescribed rules and regulations on availability of the rooms."

CONTACT DETAILS

guesthouse@rpcau.ac.in





MEDICAL CARE

y that is

COLLEGE DISPENSARY
DHOLI CAMPUS

The Dholi Parisar a well-established dispensary that is easily accessible to both students and campus residents, ensuring medical attention within the premises. The dispensary provides Outpatient Department (OPD) services free of charge, thereby addressing the routine healthcare needs of the university community.

In addition, the University Dispensary is adequately with essential equipped medical facilities and infrastructure, enabling the provision of healthcare support first-line and treatment for common ailments, as well as referral services when necessary







Agriculture/Specialist Officers

of

Extension

Fisheries

Agriculture

Officer

in Nationalised Banks

Agriculture Co-ordinator

2. STATE GOVERNMENT

Department

Department

Fisheries

industries/Fishing industries

ENTREPRENEURSHIP

- Fish/ Shrimp/ Pearl Farming
- Fish/Shrimp Hatchery
- Ornamental Fish Industry
- Fish Feed/Healthcare/Processing Industry
- Consultancy

EXPOSURE VISITS OF STUDENTS

STUDENTS ARE GIVEN OPPORTUNITY
TO VISIT DIFFERENT RESEARCH
CENTRES, FARMS, INDUSTIRES AND
EDUCATION INSTITURES TO FOSTER
THEIR PRACTICAL EXPOSURE.











































INTERNATIONAL

SUCESS ABROAD





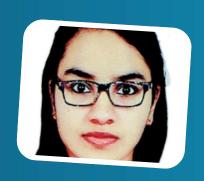
(B.F.Sc. Batch 2019-23), has been awarded the prestigious "Erasmus Mundus Joint Master in Aquaculture, Environment, and Society (EMJM ACES-STAR)" fellowship for 2023-25. She will receive her Master's degree jointly from UHI-SAMS, Oban (Scotland, UK), University of Crete (Greece), and University of Nantes (France).

Ms. Sonali Singh,

(B.F.Sc., Batch 2018-22), has been awarded the prestigious "Erasmus Mundus Joint Masters in Health Management in Aquaculture (EMJM Aqua-H)" fellowship for 2023-25. She will receive her master's degree jointly from Ghent University (Belgium), Norges Teknisk-Naturvitenskapelige University (Norway), Wageningen University (The Netherlands), and Universitat de Barcelona (Spain).



Ms. Hiba Jasmin V,



(B.F.Sc. Batch 2018-22), has been awarded the prestigious "Erasmus Mundus Joint Masters in Aquaculture, Environment and Society (EMJM ACES-STAR)" fellowship for 2022-24. She will receive her master's degree jointly from the University of Highlands and Islands (Scotland), University of Crete (Greece), University of Nantes (France), and Radboud University (Netherlands).

Ms. Allena Antony, (B.F.Sc. Batch 2018-22), has been awarded the prestigious "Erasmus Mundus Joint Masters in Health Management in Aquaculture (EMJM Aqua-H)" fellowship for 2022-24, jointly offered by Ghent University, Norges Teknisk-Naturvitenskapelige University, Wageningen University, Universitat Autónoma de Barcelona, and Universitat de Barcelona

Congratulations TOPPERS OF ICAR-AIEEA (PG) 2022



















Congratulations TOPPERS OF ICAR-JRF 2023



















Congratulations TOPPERS OF ICAR-JRF 2024



KANISTHA, AIR-1



VAISHAKI, AIR-5



TANISHKA, AIR-14



CHINMAYEE, AIR-15



AAKANKSHA, AIR-16



SAMBHAVI, AIR-22



ANUBHAV, AIR-27

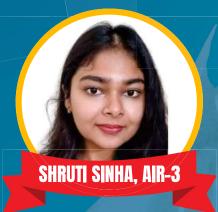


TANU PRIYA, AIR-29



PRIYANKA, AIR-36

Congratulations TOPPERS OF ICAR-JRF 2025



















MARIYA, AIR-32 (EWS-5)



SANTANU SHIT, AIR-38 (SC-2)



SHAKSHI PRIYA, AIR-47 (EWS-1)



SWARUP BISWAS, AIR-55



ADITY DAS, AIR-113

Congratulations UG VISITOR MEDAL







CHANDNI (2017-21)



PRUVA, (2018-22)



KASVI KAJAL (2019-23)

PG CHANCELLOR MEDAL







HOW TO REACH COF, DHOLI



The campus is well connected by air through two nearby airports. Patna Airport, situated about 88 km away, serves as a major hub with frequent flights to several destinations. In addition, Darbhanga Airport, located approximately 53 km from the campus, provides a convenient option for air travelers, ensuring easy accessibility to the institute.



BY TRAIN

The nearest stations are

Dholi Railway Station – 6 km from the campus (nearest station).

Khudiram Bose Pusa Station – 14 km, Samastipur Junction – 25 km, Muzaffarpur Junction – 28 km.



BY ROAD

The campus is easily accessible by road, with regular bus and taxi services available. Its connectivity is further enhanced by well-maintained national highways that link the campus to nearby towns and major cities

Where ideas become art

Young minds, bold art

Students' Talent



Art by: Gayatri Sahoo



Art by: Daya G.



Art by: Ghanashyam Pradhan

