



# COLLEGE OF FISHERIES

## Acharya Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya – 224 229, U.P.

### 1. Brief about the College

The College of Fisheries is situated in the campus of Acharya Narendra Deva University of Agriculture and Technology at Kumarganj in Ayodhya district of Uttar Pradesh. It is an education and research institute established in academic year 2006-07 with the financial assistance from the State Government of Uttar Pradesh and Indian Council of Agriculture Research, New Delhi. At present the College offers Bachelor of Fisheries Science (B.F.Sc.), a four-year degree programme to the students 10+2 Science (Biology/Agriculture) as basic qualification, and Master of Fisheries (M.F.Sc.). The students are admitted through Uttar Pradesh Combined Agriculture and Technology Entrance Test (UP-CATET). Semester system of education is followed in the entire course programme.

At present, following seven departments are existing in the College:

Sl. No.	Department
1.	Aquaculture
2.	Fisheries Resource Management
3.	Aquatic Animal Health Management
4.	Aquatic Environment Management
5.	Fish Processing Technology
6.	Fisheries Engineering
7.	Fisheries Extension, Economics and Statistics

**2. Vision:** To be a leading institution of the country through quality education, research and extension at par with international standards.

**3. Mission:** Mission: To achieve excellence in fisheries and aquaculture science for preparing the fisheries sectors effectively responding to emerging regional, national and global challenges.

**4. Objective:**

- To provide quality education in various fields of specialization in fisheries to transform students into trained human resource with high professional ethics,
- To contribute in sustainable development of fisheries of the state and country,

- To establish itself as a Centre of Excellence in the field of fisheries,
- To develop environmentally sustainable, economically viable and socially acceptable freshwater aquaculture technologies providing livelihood security to fish farmers,

## 5. Faculty strength

There are total 8 faculties and 5 non-teaching staff in the College.

Sl. No.	Name and Details	Designation
1.	Dr. C. P. Singh	Dean
<b>Department of Fisheries Resource Management</b>		
1.	Dr. C. P. Singh	Professor
2.	Dr. Radhakrishnan KV	Associate Professor
3.	Mr. Sunil Kant Verma	Assistant Professor
4.	Dr. Jyoti Saroj	Assistant Professor
<b>Department of Aquaculture</b>		
1.	Dr. Laxmi Prasad	Associate Professor
2.	Dr. Dinesh Kumar	Assistant Professor
3.	Dr. Shashank Singh	Assistant Professor
<b>Department of Fish Processing Technology</b>		
1.	Mr. Pradip Kumar Maurya	Assistant Professor

## 6. Academics

### Bachelor Degree Programme

The B.F.Sc is a four years degree programme in Fisheries Science, offered in College, with an intake capacity of 33 students at present. The college has adopted the fifth Deans Committee Syllabus pattern for B.F.Sc. Degree programme. The programme has 180 (84+96) total credits. The pattern of instruction is the semester course credit system. An enrolled student shall have to score a minimum Overall Grade Point (OGPA) of 5.5 out of 10.0 in order to earn B.F.Sc. degree. The students are undergoing Student READY Programme (SRP) in the fourth year of their programme. In the SRP, the students are attached to various aquaculture farms, seed production units, feed processing mills and fish processing industries at various states like Maharashtra, Gujarat, Haryana and Madhya Pradesh to learn the elaborateness of industries.

### Master Degree Programme

Master of Fisheries Science (M.F.Sc) is a two years Post-graduate degree programme offered in two disciplines, namely Aquaculture and Fisheries Resource Management. There are 8 seats in M.F.Sc. (Aquaculture) and 8 seats in M.F.Sc. (FRM). The College has started Ph.D. degree programme in 2023-24 with 2 seats in each department (Aquaculture and Fisheries Resource Management). The candidates possessing B.F.Sc. degree are eligible for admission

through UPCATET entrance test. Presently, Broad Subject Matter Area (BSMA) syllabus is being adopted for M.F.Sc. programme and Ph.D. degree programme.

## 7. Student strength:

Degree Programmes	Intake Capacity	Admission in 2023-24	Successfully Completed in 2023-24
B.F.Sc.	40	33	18
M.F.Sc.	22	17	4
Ph.D.	4	4	-

## 8. Research

### Ongoing projects

Sl. No.	Title of the Project	Funding agency	Budget (₹ in lakh)	Principal Investigator/ Co-PI
1.	Development of suitable model to harvest the optimum potential of fish production in sodic soil of Uttar Pradesh	UPCAR, Lucknow	18.86	Dr Laxmi Prasad, Dr Dinesh Kumar and Mr. Sunil Kant Verma
2.	Strengthening and Modernization of Instructional Fish Farm at College of Fisheries, A.N.D.U.A.&T., Kumarganj, Ayodhya	RKVY	337.80	Mr. Sunil Kant Verma, Dr. Laxmi Prasad and Dr. Dinesh Kumar
3	Species validation, breeding, growth and nutritional perspectives of the catfish <i>Clarias magur</i> for diversification of aquaculture in Eastern Uttar Pradesh.	UPCAR (Accepted)	50.00 Lac	2023-24

## 9. Extension activities

The faculty from college regularly deliver radio talks, participate in Kisan Mela, Kishan Ghosti and deliver TV talk to create awareness among the fish farmers. The College also publish leaflets, articles, training manuals and booklets for effective dissemination of information related

to fish culture technology. The rural unemployed youth and women were demonstrated preparation of value-added fish products like fish cutlet and Paneer.

## **10. Facilities and Infrastructure**

### **The College:**

The College have four undergraduate and seven post-graduate class rooms along with one examination hall, one committee room, two central laboratories, six research laboratories, one ornamental fish breeding unit and two wet laboratories. A Computer Lab facility is available for students and faculty. The lab also provides an environment to learn new technologies to students and complete assignments/projects. The College has a well-managed library containing latest books, magazines and manuals published in fisheries and related fields. A referral fish museum having specimens of common freshwater and marine fish species is also established.

### **Instructional fish farm:**

The total area for the instructional fish farm is 6.0 ha consisting of nursery, rearing and grow-out ponds having prime population of Indian major carps and Exotic major carps. Total twenty-four smaller ponds are constructed as experimental trial units to support research activities of postgraduate students and projects. An integrated paddy-cum fish farming model is also being developed at the farm as demonstration unit for farmers' and visitors. Two earthen ponds are constructed to store the waste water from the hostels as well as from the dairy farm and trials on waste water utilization are undergoing. Vegetables-cum fish culture unit and Makhana Unit established for the exploration of culture possibilities of students and for the.

### **Experimental units**

26 ponds have been constructed at Instructional fish farm so that student's research work in the Department of Fishery Resource Management and Aquaculture may be conducted successfully.

An Eco- carp hatchery have been constructed under the 'Mega Seed Project' at the farm and are being currently used for practical and seed production of IMC.

Successful carp breeding and seed production was made in the hatchery during the breeding season and fish fingerlings are being sold to the farmers at rational prices. A trial on *Pangasius* culture was conducted in the farm besides carp polyculture. this trial showed good performance resulting its repetition in present season. The fishes of the farm are used for different practical and breeding purposes for students. Rest of fish are sold time to time.

## 11. Faculty achievements:

### Awards:

1. Dr. Dinesh Kumar, Asstt. Prof. was bestowed with “**Environment Protection Research Award-2021**” by Scientific Educational Research Society, Meerut (U.P.).
2. Sri Sunil Kant Verma, Asstt. Prof. was also awarded with “**Best Teacher Award**” by A.N.D.U.A&T, Kumarganj, Ayodhya (U.P.)
3. Dr. Jyoti Saroj, Asstt. Prof. was awarded with “**Best Oral Presentation Award**” in National Conference Organized by COF, Kishanganj Alumni association in collaboration with All India Agricultural Students Association-fisheries chapter at College of fisheries, Kishanganj (BASU), Bihar.
4. Dr. Jyoti Saroj, Asstt. Prof. was also awarded with “**Young Women Scientist Award**” in National Conference Organized by COF, Kishanganj Alumni association in collaboration with All India Agricultural Students Association-fisheries chapter at College of fisheries, Kishanganj (BASU), Bihar.
5. Dr. Radhakrishnan bagged the **Best Oral Presentation Award** in the International Conference on Fisheries and Expo “Charting Sustainable Horizons: Fisheries, Blue Economy and the Globla Goals” conducted at Kochi, Kerala from 12-14 January 2024.
6. Dr. Radhakrishnan bagged the **Best Oral Presentation Award** in the International Conference on “Climate Change and Agriculture: Impacts, mitigation and adaptations for sustainable food security and livelihood improvement (ICCA-2024)” conducted at ANDUAT from 1 to 2 March 2024.

### Programmes and Activities



National Women's Day on 13 Feb 2022



Demonstration of preparing Fish Cutlet on the occasion of National Womens Day



**Swachta Polling Campaign**



**Invited Lecture by Alumni Mr. J.P. Tiwari, Area Manager, Growel Fish Feed on 9<sup>th</sup> June, 2022**



**Invited Lecture By Dr. V.K.Tiwari, Principal scientist , ICAR-CIFE, Retd. 24 August,2022**



**River Ranching in Gomti River on the occasion of National Fish Farmers Day 10<sup>th</sup> July, 2022**



**Ghosti on the occasion of National Fish Farmers Day 10<sup>th</sup> July, 2022**

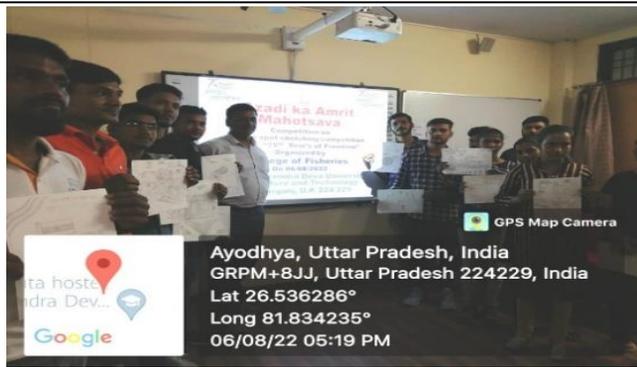
**Azadi Ka Amrit Mahotsav**



**Plantation**



**Prabhats Pheri**



**Drawing Competition**



**Friendship Day celebration in Village Gadhauli**



**Rangoli Competition in college**



**Swachhta Abhiyan Campaign**



**Har Ghar Tiranga Campaign**



**Inauguration of Amrit Sarovar on 5<sup>th</sup> September, 2022**



**Inauguration of Paddy-cum-Fish Farming Unit & Makhana Kheti on 5<sup>th</sup> September, 2022**



**MOU signed between College of Fisheries and NBFGR, Lucknow 24<sup>th</sup> September 2022**



**Farmer's Fair on 10<sup>th</sup> October on the occasion of University Foundation Day**



**Poster Competition on the occasion of World Fisheries Day**



**Students Freshers Party on 26<sup>th</sup> Nov, 2022**



**Seed Ranching and Field Day on the occasion of World Fisheries Day 21<sup>st</sup> November, 2022**



**Field visit by Shri S.K.Saxena, Retd. Justice of High Court on the occasion of Sanvidhan Divas Samaroh**