

# NATIONAL SEMINAR



## Advances in Environment Management for Sustainable Fisheries & Livestock Production



College of Fisheries, Kishanganj



25-26 July, 2024



### Organized by

Department of Aquatic Environment Management  
College of Fisheries, Kishanganj  
Bihar Animal Sciences University  
Patna, Bihar

### Sponsored by



सत्यमेव जयते

Department of Science & Technology  
Govt. of India



**Last Date for Registration and  
Abstract Submission is July 10, 2024**



## Background

Fisheries and Livestock sector are principal sources of livelihood for a large section of the economically underprivileged population of the country. These sectors have grown up tremendously since last decade and are supporting economic growth & prosperity of the country. However, with the increase in urbanization and population these sectors are facing new challenges including environmental aspects in terms of pollution, climate change, antimicrobial resistance etc. It is the need of the hour to focus on environmentally sound aquaculture and animal production system and study emerging environmental issues. The main aim of this seminar is to provide common national platform and conduct interactive sessions among the researchers on topic “Advances in Environment Management for Sustainable Fisheries and Livestock Production” with themes focusing on environmental biotechnology, eco-friendly sustainable food production, one health, biodiversity conservation through technological innovations.

## About College of Fisheries, Kishanganj

The College of Fisheries, Kishanganj was incorporated in the Bihar Animal Sciences University Act as one of its constituent college. The Hon'ble Chief Minister of Bihar, Shri Nitish Kumar formally inaugurated and announced the start of first academic session of this college on 29th August, 2018. This college offers a credible fisheries education that nurtures the next-generation professionals and entrepreneurs in the fisheries sector and contributes to the state and nation by pursuing innovations and research relevant to local needs and directed towards maximizing outcomes for economic, social and environmental well-being. The College of Fisheries is committed to become a centre of excellence in Fisheries education in the region. Currently college offers four year B.F.Sc. degree program and two year M.F.Sc. in seven disciplines.



## About Department of Aquatic Environment Management

Aquatic Environment Management Department of College of Fisheries, Kishanganj is actively engaged in teaching, research and extension on various aspects of fisheries including water and soil quality management, emerging pollutants, groundwater contamination and aquatic biodiversity. The lab is equipped with state-of-art instruments such as AAS, HPLC, Spectrophotometer, Flame Photometer, Multi-parameter water analyzer, BOD incubator, Refrigerated Centrifuge etc. Department have two ongoing institutional research projects and conducts need based externally funded trainings and workshops for fish farmers.





## Thematic Areas

### Theme I: Eco-friendly Sustainable Fish and Livestock Production.

- Integrated Fish Farming
- Species Diversification
- Use of degraded lands
- Animal Production
- Animal nutrition
- Waste to Wealth

### Theme II: Environmental Biotechnology in Fisheries & Veterinary Science.

- Omics Technology
- Genome editing
- Bioinformatics
- Selective Breeding
- Microbial genetics
- Marker Assisted Selection

### Theme III: One Health for Ecosystem Wealth.

- Fish Health
- Antimicrobial resistance
- Veterinary drugs
- Toxicology & Parasitology
- Animal Health
- Emerging Pathogens
- Vaccine & Biosecurity
- Pharmacology & Therapeutics

### Theme IV: Technological Innovations for Biodiversity Conservation.

- Aquatic Pollution
- Bioremediation
- Fisheries Resource Management
- Remote Sensing & GIS

### Theme V: Climate Change in Fisheries and Livestock System.

- Climate resilient system
- Multi-sectoral Mitigation
- Adaptation strategies
- Carbon sequestration

## How to Apply

Scientists, Research Scholars, Students, Industry personal can send the screenshot of payment and application in the prescribed format given in brochure to Mr. Ashutosh Kr. Singh, Organizing Secretary through [cofkne.seminar2024@gmail.com](mailto:cofkne.seminar2024@gmail.com).

## Call for Papers

Papers are invited on the listed thematic areas for oral/poster presentations. Abstracts/extended summary should be submitted through email ([cofkne.seminar2024@gmail.com](mailto:cofkne.seminar2024@gmail.com)). At least one of the authors of the abstract must register for the conference while submitting abstract. Abstract/Souvenir Book will be published with ISBN.

## Guidelines for Abstract Submission

Authors should submit abstract in Garamond font 12 with double spacing in word 97-2003 file format. The word count should not exceed 300 words. The names of all authors should be mentioned after the Title in italics. Please provide e-mail id and phone number of presenting author with asterisk (\*) and affiliation. Abstract should be followed by 4-5 keywords relevant to the research work mentioned in abstract. Authors must mention the theme under which they are submitting the abstract.

### Registration fees

Scientist/Professor/SMS :	Rs. 3000
State Govt. officials :	Rs. 2500
RA/SRF /YP :	Rs. 2000
Students :	Rs. 1500

### Account details

Account No:-38683596387  
IFSC :-SBIN0061241  
Name:- College of Fisheries  
Bank: SBI, DKAC Campus , Kishanganj





## Accommodation

Accommodations are available for delegates in university guest house & Hotels at Kishanganj on payment basis. On Campus accommodation will be provided to student participants on the request of first come first basis, subject to availability.

## Awards

- Best Poster and Oral Presentations (Top 3) will be awarded in each theme.
- **Dr. V R P Sinha Gold Medal for Best Masters Thesis (National Level)**

Applicants should have completed his/ her master degree in disciplines relevant to environmental science after 1st January 2022. Based on screening, top 5 entries will be invited for presentation during the seminar and sleeper class fares through shortest route will be provided. Last date for submission of application is June 20, 2024. Best Thesis will be awarded with Dr. V R P Sinha Gold Medal and Certificate.

- **IDEATHON-2024**

It is a national level competition aimed to provide an avenue to students for showcasing their innovative products, projects, and ideas. This competition is focused on Mission LiFE and innovation ideas should be centered to solve problems related to aquatic environment. Students must send applications in standard format to [cofkne.seminar2024@gmail.com](mailto:cofkne.seminar2024@gmail.com) on or before June 20, 2024. After screening, top 15 ideas will be invited for presentation during the seminar. Top three projects will be awarded with Prof. H P C Shetty Gold Medal and Certificate.

Click here to download Best Masters Thesis Application



Click here to download IDEATHON application



## Exhibition

Exhibition will be arranged at the venue of seminar which includes participation from research institutions, state governments, Industries, NGOs related to education, research, business and entrepreneurship in Fisheries and Veterinary Science.

## About the Venue

College of Fisheries, Kishanganj is located 22 Km away from Kishanganj Railway Station. The nearest airport to college is Bagdogra International Airport (64.7 km). Darjeeling, a famous hill station in the Himalayan foothills is 130 km from college. Sikkim, a north-eastern state known as “land of flowers” and famous for Kanchenjunga, the world's third highest peak is 200 km from college. In Kishanganj, the month of July offers a pleasant weather with average temperature of 26 °C.





# National Organizing Committee

## Patron

**Dr. Rameshwar Singh**  
Hon'ble Vice-Chancellor  
Bihar Animal Sciences University, Patna

## Chairperson

**Dr. V. P. Saini**  
Dean  
College of Fisheries, Kishanganj

## Co-Chairperson

**Dr. Chandradas**  
Dean  
College of Veterinary & Animal Sciences, Kishanganj

## Organizing Secretary

**Mr. Ashutosh Kumar Singh**  
Assistant Professor, AEM  
College of Fisheries, Kishanganj

## Convener

**Mr. Tapas Paul**  
Assistant Professor, AEM  
College of Fisheries, Kishanganj

## Co-Organizing Secretary

**Ms. Madhu Kumari**  
Assistant Professor, AEM  
College of Fisheries, Kishanganj

## Co-Convener

**Dr. Abhishek Thakur**  
Assistant Professor, FPT  
College of Fisheries, Kishanganj

## National Advisory Board

**Dr. J K Jena**, DDG (Fisheries), ICAR  
**Dr. Dilip Kumar**, Ex Director, ICAR-CIFE  
**Dr. B K Behera**, Chief Executive, NFDB  
**Dr. Ravishankar C.N.**, VC, ICAR-CIFE  
**Dr. B. K. Das**, Director, ICAR-CIFRI  
**Dr. K. K Lal**, Director, ICAR-CIBA  
**Dr. P. K. Sahoo**, Director, ICAR-CIFA  
**Dr. P. K. Pandey**, Director, ICAR-DCFR  
**Dr. U. K. Sarkar**, Director, ICAR-NBFRG  
**Dr. George Ninan**, Director, ICAR-CIFT  
**Dr. A. Gopalakrishnan**, Director, ICAR-CMFRI  
**Dr. N. P. Sahu**, JD, ICAR-CIFE  
**Dr. P. Krishnan**, Director, BOBP  
**Dr. Anup Das**, Director, ICAR-RCER, Patna  
**Dr. B. P. Mohanty**, ADG (IF), ICAR

**Dr. Shubhadeep Ghosh**, ADG (MF) ICAR  
**Dr. L. Narashima Murthy**, SED, NFDB  
**Dr. Veer Singh**, DRI-cum-Dean, PGS, BASU  
**Dr. Sanjeev Kumar**, Registrar, BASU  
**Dr. V. K. Saxena**, Director Research, BASU  
**Dr. A. K. Thakur**, DEE, BASU  
**Dr. A. K. Sharma**, SWO, BASU  
**Dr. J. K. Prasad**, Dean, BVC, BASU  
**Dr. Umesh Singh**, Dean, SGDIT, BASU  
**Dr. Raman Kumar Trivedi**, DSW, RPCAU  
**Dr. P. P. Srivastava**, Dean, CoF, RPCAU  
**Dr. K. Sathyanarayana**, Assoc. Dean, DKAC  
**Dr. Sukumar Dey**, Scientist D, DST-SERB  
**Dr. Prem Kumar**, Pr. Scientist, ICAR  
**Dr. Kamal Sharma**, Pr. Scientist, ICAR-RCER

## Organizing Committee Members

**Dr. Abhed Pandey**, Assoc. professor, AQC  
**Dr. Naresh Raj Keer**, Asstt. Professor, AQC  
**Dr. Sangeeta Kumari**, Asstt. Professor, AQC  
**Dr. Abhiman**, Asstt. Professor, AQC  
**Mr. Vivek Kumar**, Asstt. Professor, AQC  
**Mr. Abhishek Kumar**, Asstt. Professor, AQC  
**Dr. Sudeshna Sarker**, Asstt. Professor, AAHM  
**Mr. Bhartendu Vimal**, Asstt. Professor, AAHM  
**Ms. Pushpa Kumari**, Asstt. Professor, AAHM  
**Mr. Pankaj Kumar**, Asstt. Professor, AAHM  
**Dr. Mamta Singh**, Asstt. Professor, FBT  
**Dr. Aman Diwakar**, Asstt. Professor, FBT  
**Dr. Sachin O Khairnar**, Assoc. Professor, FGB  
**Ms. Aishwarya Sharma**, Asstt. Professor, FGB  
**Dr. Sagarika Swain**, Asstt. Professor, FNFT

**Mr. Rajesh Kumar**, Asstt. Professor, FNFT  
**Dr. Narendra K Verma**, Asstt. Professor, FEX  
**Dr. Sarvendra Kumar**, Asstt. Professor, FPB  
**Dr. Showkat Ahmad Dar**, Asstt. Professor, FPB  
**Ms. Susmita Rani**, Asstt. Professor, FPB  
**Dr. Pooja Saklani**, Asstt. Professor, FPT  
**Dr. Parmanand Prabhakar**, Asstt. Professor, FPT  
**Dr. Md. Aman Hassan**, Asstt. Professor, FPT  
**Ms. Tenji Pem Bhutia**, Asstt. Professor, FEC  
**Mr. Ravi Shankar Kumar**, Asstt. Professor, FEC  
**Ms. Saba Nabi**, Asstt. Professor, FEC  
**Dr. Rupam Shamanta**, Asstt. Professor, FRM  
**Mr. Gyan Chandra**, Asstt. Professor, FRM  
**Ms. Anjali Pushp**, Asstt. Professor, FRM  
**Mr. Tushar Kumar**, Photographer, CoF



# Advances in Environment Management for Sustainable Fisheries and Livestock Production

## REGISTRATION FORM

**Delegates' Purpose:** Chair/Co-Chair/Oral/Poster/Participation/Exhibition

1. **Name** .....

2. **Gender** .....

3. **Designation:** Scientist/Professor/SMS/State Govt. officials/ RA/SRF /YP/Students

4. **Title of the Abstract** (if any) .....

.....

.....

5. **Theme:** .....

6. **Institute & Department:** .....

.....

7. **Contact Details (Whatsapp no. & E-mail id):** .....

.....

8. **Accommodation:** Required/Not required (For Students)

9. **Details of the Registration Fee Paid:**

a) **Cash/NEFT**.....

b) **Amount (Rs.)** .....

c) **Transaction / Reference No**.....

Signature of Participant

Registration form with fees details must be sent through mail  
(cofkne.seminar2024@gmail.com)

### Contacts for Correspondence



81084 06415/ 87092 80891/ 7506901366

or visit [cofbasu-edu.in](http://cofbasu-edu.in)