

NATIONAL SEMINAR

Advances in Environment Management for Sustainable Fisheries & Livestock Production (AEMS-2024)



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📍 College of Fisheries, Kishanganj
18-19 November, 2024

Key Highlights

- Dr. V. G. Jhingran Best Indian Scientist Award
- Dr. P. V. Dehadrai Best Indian Young Scientist Award
- Dr. V. R. P. Sinha Best Master's Thesis Award
- Prof. H P C Shetty Best Innovation Gold Medal
- Women Scientist Oration Competition
- Full Paper will be Published in IJAEB Journal



Organized by

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

Sponsored by



**Last Date for Registration, Abstract/ Full Paper Submission
and Award Application extended till October 20, 2024**



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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 (AEMS-2024)” 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
- Parasitology
- Animal Health
- Emerging Pathogens
- Vaccine & Biosecurity
- Pharmacology & Therapeutics

Theme IV: Technological Innovations for Biodiversity Conservation.

- Ecotoxicology
- Bioremediation
- 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.

Call for Abstracts

Abstracts/extended summary should be submitted through email (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. Authors should submit abstract in Garamond font 12 with double spacing in word 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.

Full Paper submission

Full paper will be published in special issue of *International Journal of Agriculture Environment and Biotechnology* (NAAS Score 2024: 4.92). Follow Journal guidelines at <https://www.ijaeb.com/>. Soft copy of published paper will be provided to authors.

Deadline for Submission of Abstracts & Full Paper: 20/10/2024

Click here to
Submit Full Paper



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 the field of Aquatic Science/ Fisheries 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. Applicants are informed to send the application to cofkne.seminar2024@gmail.com on or before October 20, 2024. Best Thesis will be awarded with Dr. V R P Sinha Gold Medal and Certificate.



Click here to download Best Masters Thesis Application

- **Dr. V. G. Jhingran Gold Medal for Best Indian Scientist- 4 Awards**

It is aimed to recognize Scientists/ Professors for their outstanding contributions in the field of Fisheries. **The awards will be given in two separate categories: 36 to 45 years age (2 awards) and above 45 years age (2 awards).** Scientists are invited to send the applications in the standard format to cofkne.seminar2024@gmail.com on or before **October 20, 2024**. After pre-screening by eminent juries, best 10 entries will be invited for presentation during National Seminar.



Click here to download Best Indian Scientist Application

- **Dr. P. V. Dehadrai Gold Medal for Best Indian Young Scientist- 2 Awards**

It is designed to recognize Assistant Professor/ Scientist/ SMS/ RA/ SRF from ICAR/SAUs/CAUs for their significant research achievements in the field of Fisheries. **Maximum age limit for participation is 35 years.** Researchers are invited to send the applications in the standard format to cofkne.seminar2024@gmail.com on or before October 20, 2024. After pre-screening by eminent juries, best 10 entries will be invited for presentation during National Seminar.



Click here to download Best Indian Young Scientist Application

- **Women Scientist Oration competition (National Level)- 3 Awards**

It aims to provide young women researchers to present their research outcomes. The competition will be held in two categories (Students & Faculty) based on Masters research work. Applicants are informed to send the summary of thesis to cofkne.seminar2024@gmail.com on or before October 20, 2024.

IDEATHON-2024

A National Level Competition for UG/PG/Ph.D Students

Background

It is a national level competition aimed to provide an avenue to students for showcasing their innovative projects and ideas. This competition is focused on Mission LiFE and innovation ideas should be centered to solve the problems related to aquatic environment. This competition will be organised along with the National Seminar AEMS-2024 at College of Fisheries, Kishanganj, Bihar.

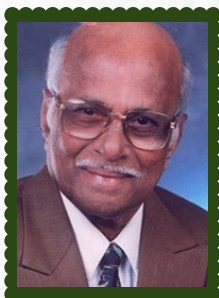
Guidelines for Participation

- Ideas should be submitted individually.
- Application form should be forwarded by Dean/Director.
- After Screening, top 15 ideas will be invited for presentation.
- TA will be provided to participants in sleeper class.
- On-campus accommodation will be provided free of cost to students.
- Students should send applications in word file to cofkne.seminar2024@gmail.com.



Application for IDEATHON-2024

1. Title of Idea:
2. Genesis of the Idea (Max. 200 words)
3. State the problem in aquatic environment targeted by idea (Max. 250 words)
4. Brief Summary of the idea highlighting its need, salient Features and utility, etc. (Max. 500 words)
5. Provide a pictorial representation of idea (JPG/JPEG file only).
6. State the details of development and implementation process of idea with target areas of operation (Max. 500 Words)
7. Is there any Intellectual Property (IP) component associated with idea? If yes, give details.
8. SWOT analysis of the project.



Awards

Best ideas will be Awarded with
Prof. H P C Shetty Gold Medal and Certificate
(Two in each category: UG, PG & Ph.D)

Last date for submission of entries: 20/10/2024

Accommodation

Accommodations are available for Faculty participants 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.

Note:- Participants are requested to inform by October 30, 2024 for accommodation.

Cultural Night

A mega cultural night depicting the sparkling performances by the student talents representing the diverse culture and tradition of India will be showcased during first day of seminar.



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.

Sponsorship Packages

Gold Sponsor- ₹ 2.0 Lakhs

- Exhibition Stall (10' × 10' size).
- 15 min presentation in any two technical sessions. Display of company logo and banner in all sessions. Full-page colour advertisement in the Souvenir.

Silver Sponsor- ₹ 1.0 Lakhs

- Exhibition Stall (10' × 10' size).
- 10 minutes presentation in any one session. Display of company logo and banner in the session. Full-page colour advertisement in the Souvenir.

Bronze Sponsor- ₹ 0.5 Lakhs

- Exhibition Stall (10' × 10' size).
- Half page colour advertisement in the Souvenir.

Other Options

- Physical exhibition stall (10'x10' size) – ₹0.25 Lakh.
- Half-page colour advertisement in the Souvenir – ₹30,000/-
- Full page B/W advertisement in the Souvenir – ₹30,000/-
- Half page B/W advertisement in the Souvenir – ₹20,000/-
- 1/4 of Full page colour advertisement in the Souvenir – ₹15,000/-
- 1/4 of Full page B/W advertisement in the Souvenir – ₹10,000/-

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 November offers a pleasant weather with average temperature of 26 °C.



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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)

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5. **Theme:**

6. **Institute & Department:**

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

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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 & Abstract must be sent through mail
(cofkne.seminar2024@gmail.com)

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

