



**School of Fisheries**  
**Centurion University of Technology and Management**  
**Paralakhemundi, Odisha-761211**

**Report on the Webinar “Adverse Consequences of Intensive Aquaculture System”**

The School of Fisheries, Centurion University of Technology and Management (CUTM), Paralakhemundi, Odisha organized a webinar on “**Adverse Consequences of Intensive Aquaculture System**” on **29<sup>th</sup> Aug. 2022**. The eminent guest speakers of the webinar were **Sweta Pradhan** (Scientist, ICAR-CIFE, Kolkata Centre). 101 participants from various research organizations, central Institutes, state universities have registered for the webinar.

The webinar was started with the welcome address by Dr. Anita Patra, Registrar, CUTM. She enlightened about the School of Fisheries, CUTM and introduced all the invited speakers.

The morning session began with the lecture of **Sweta Pradhan** (Scientist, ICAR-CIFE, Kolkata Centre), on the topic “Advanced technologies cause environmental impacts Currently numerous modern technologies have been developed to maintain the optimum water quality, feed nutrient requirement, feed, disease control measures, stocking densities, modernized enclosures, etc. to fulfillment the targeted fish production. But at the same time, these modernized techniques cause release of several harmful gasses such as carbon dioxide, nitrous oxide, methane etc. that directly causes detrimental adverse effect to the environment. Resolution concepts such as 1) Select the right site and making sure it is assessed correctly 2) Use native species to minimise impacts of escaped fish 3) Keeps farms local d smaller, 4) Not overstocking to minimise waste 4) Improvement of feed quality (i.e., feed that doesn’t disintegrate as quickly) 5) Certification and legislation around sustainability and 5) Best management

All the lectures were followed by discussion between the respective expert and the participants. The webinar was concluded with vote of thanks by Dr. S.P. Nanda, Dean, MSSoA (Admin), CUTM where, she thanked all the speakers, participants, organizers, faculty members and other officials for their active support for making the programme successful.



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Video conference interface showing a grid of 12 participants and a bottom control bar.

Grid of participants (top to bottom, left to right):

- Parasuraman N R
- Galagali, Hemant
- Sugant R
- Kannadas S
- lakshminarayana (Guest)
- Divakar Gupta (Guest)
- Ravi Kumar P (Guest)
- Mousumi Sengupta
- Saibaba S
- Suresh MR
- Venkatraja B
- Anand Sasikumar

Bottom control bar (left to right):

- DG (Ravi Kumar P (Guest))
- RP (Venkatraja B)
- VB (Sugant R)
- MS (Mousumi Sengupta)
- L (lakshminarayana (Guest))