

**FISHERISTIC:**  
**Future of Fisheries, Imagined Now**

An exhibition of game-changing ideas and concepts, that imagines and foresees the future of fisheries, was on display as part of the CIFEST-ONE23 celebrations organised during 20-22 March 2023 at ICAR-CIFE, Mumbai. Thirty young and brilliant student scholars of CIFE showcased 10 of their ideas which were curated by a team of passionate faculty. They sought to reimagine a world of fisheries and aquaculture with a vision that is far-reaching but sustainable, has a mix of certainties and uncertainties, and promises of hope for a better future aided by science.

The FISHERIESTIC exhibition was inaugurated by Dr. Himanshu Pathak, Director General, ICAR and Secretary, the Department of Agricultural Research and Education (DARE) in presence of Dr J.K Jena, DDG (Fisheries) and Dr. Ravi Shankar CN, Director and Vice-Chancellor, ICAR-CIFE. Notable dignitaries namely Dr. N.P. Sahu, Joint Director, ICAR-CIFE, Dr. Dilip Kumar, Former Director and Vice Chancellor, ICAR-CIFE, Dr. Kuldeep K. Lal, Director, ICAR-CIBA, Dr. P. Krishnan, Director BoBP-IGO and Deans of various fisheries colleges were delighted to be part of the occasion. Nearly 350 fisheries graduates and postgraduates from across the fisheries colleges as well as the faculty and staff had a thrilling experience going through, enquiring, learning and getting inspired from the ideas that were on display as working models and prototypes.

The following FISHERIESTIC Ideas, Concepts & Working Models were on display:

**1. Resilient Hamlet**

A sustainable farming model for circular bio-economy was the brainchild of Sagar Shinde, Ashutosh Danve and Swaraj Adakney

**2. LinguaPiscis**

Model depicted the fish's language interpretation to sustain them by identifying their breeding ground. The idea was conceived and exhibited by Dhanalakshmi and Shivkumar.



### 3. FisEerG

Anurag Singh and Mahesh Sharma put forth Fishergy, an idea focused on generating electricity from fish movement.

### 4. FishBind

Model was about turning fish bone waste into miracle CSD products and was made by Sourav Debnath, Suraj Saha and Subam Debroy.

### 5. FisHerd

Jerusha S. and Sandhiya V. developed FisHerd model, the fully automated AI cage-bots to make cage culture possible in the depths of water to overcome loopholes and flaws in modern mariculture.

### 6. NanoSort

Micro-algae usage to remove nano plastics from aquatic systems was exhibited under the title NanoSort by Pritam Sarkar, Tanushree Bhowmik and Puja Rani Basak.

### 7. ProjectSAND

Project SAND, a motion put forward by Dr Bhoomaiah D., A. Venkata Sai, K. Nagendrasai, K. Nikhil and K. Shivarama Krishna was a strategic AquapoNics model in Desert to make fisheries possible in the horizons of desert.

### 8. MAAngrove

B Chanikya Naidu and Sahana M D crafted skincare solutions and magical healthcare products from mangrove ecosystem waste under the banner MAAngrove.

### 9. AquaTHERM

AquaTHERM, a thermal IR imaging to save aquatic mammals, was designed by Sangita Roy, Liton Paul, Tamal Seth, Pritam Sarkar and Bhashwati Roy. The model was centered around the concept of thermal IR imaging, a promising technology that carries the ability to lessen the risk of collision between aquatic creatures and ships.





## 10. BioGlo

BioGlo's concept was using bioluminescent bacteria to bring life to the light. Poonam Majumder, Nagakalpitha Shree NN and Akanksha made this. **GarbageFISH**

To top it all, an art installation called GarbageFISH was created by the students of FEES Division out of waste and discards to sound an alarm to the world of the dangers of marine pollution and unsustainable consumption.

The innovative concepts and ideas of the students were much appreciated and applauded by the DG, ICAR and other delegates.



### The idea curators

Dr. Bhoomaiah D., Dr. Nalini Poojari, Mr. Abuthagir Ibrahlim, Dr. Kapil Sukdhane, Dr. Neha W. Qureshi, Dr. Sanath Kumar and Dr. Ananthan P.S., the faculty at ICAR-CIFE, curated the ideas and mentored the students to sharpen their concepts and come out with brilliant exhibits and displays.