

ANRF-sponsored Seminar
“SAFEGUARDING SEAFOOD- NATIONAL SEMINAR
ON AMR & FOOD SAFETY”
20-21 November 2025

The National Seminar on **“SAFEGUARDING SEAFOOD – NATIONAL SEMINAR ON AMR & FOOD SAFETY”** sponsored by the Anusandhan National Research Foundation (ANRF) was organised at the Fish Processing Technology section of FRHPHM Division, ICAR-CIFE, Mumbai, during 20-21 November 2025. The event was conducted on the occasion of **World Antimicrobial Awareness Week (WAAW) 2025**, under the **aegis of All India Network Project on Antimicrobial Resistance (AINP-AMR) in Fisheries & Livestock**. The seminar focused on the growing global concern of Antimicrobial Resistance (AMR) and its implications for seafood safety, food systems, and public health. The seminar also emphasised on national and international policies with regard to AMR, regulatory and mitigation measures for combating AMR in livestock and aquaculture systems. The seminar was inaugurated by Dr. T. Ramamurthy, Senior Scientific Consultant, ICMR-NIRBI, Kolkata, by releasing the book of abstracts. His inaugural lecture on “Antimicrobial Resistance in Foods – A Global Perspective and the Indian Context” explained how AMR threatens food systems worldwide and stressed the need for stronger national surveillance. This was followed by lectures by eminent speakers, including Prof. Shrikrishna Isloor, Professor, Veterinary College, KVAFSU, Bengaluru; Dr. Syed Dastager, Senior Principal Scientist, CSIR-NCL, Pune; Prof. Mohamed Hatha, Emeritus Professor, CUSAT, Kochi; Prof. Iddya Karunasagar, Director, International Relations, NITTE University, Mangalore; Dr. Neetu Taneja, Assoc. Professor, NIFTEM, Haryana, Dr. Krishnakumar B., Assoc. Professor, NITTE University, Mangalore, and Dr. Shivasharanappa N., Senior Scientist, ICAR-NIVEDI, Bengaluru. The lecture topics encompassed diverse aspects of AMR, its challenges and mitigation measures such as novel alternatives to mitigate AMR in livestock; unexplored microorganisms as

potential sources of novel antimicrobial compounds; impact of AMR on food Security, safety and production systems; international resources and networks for understanding and mitigating AMR; AMR in food-borne pathogens and GRAS microorganisms in food systems; genomic approaches to AMR research, and surveillance and monitoring of AMR pathogens in food animals. The seminar was attended by more than 75 participants, including students and faculty from ICAR-CIFE, Mumbai and other institutes such as ICAR-CIFT, and colleges affiliated to Mumbai University. The seminar was coordinated by Dr. Sanath Kumar, Principal Scientist; Dr. B. B. Nayak, Head; and Dr. Manjusha L., Senior Scientist from FRHPHM Division, ICAR-CIFE, Mumbai.



