



भा. कृ. अनु. प.-केन्द्रीय मात्स्यिकी शिक्षा संस्थान, मुंबई
ICAR-Central Institute of Fisheries Education,
Mumbai-61

NAHEP sponsored workshop on “Techniques in Health Management” on 7th September, 2023

Report

ICAR-Central Institute of Fisheries Education, Mumbai conducted a **workshop on “Techniques in Health Management”** on 7th September, 2023 under the aegis of National Agricultural Higher Education Project (NAHEP). **Full Bright Fellow, Prof. (Dr.) Arun K. Dhar, Director of Aquaculture Pathology Laboratory; University of Arizona, Tucson, USA** was the expert in this workshop who delivered the lectures on **“Diagnosis for aquatic animal diseases”** and **“Troubleshooting in molecular diagnostics”**. The workshop was designed to provide a brief idea about the various diagnosis techniques started from conventional to rapid and sensitive molecular that employed in the health management practices of aquaculture. **A total of 99 participants including 48 males and 51 females from various parts divisions of ICAR-CIFE attended the workshop.** During the workshop, participants had the opportunity to explore a wide range of tools used in aquatic health management, particularly focusing on advanced diagnostic techniques for shrimp and fish diseases. **Dr. Dhar also shared valuable insights into virology and demonstrated how to enhance our understanding of genome sequences from histology blocks.** He provided guidance on interpreting histology slides using advanced tools such as PCR, RT-PCR, Western blotting, and ELISA. Dr. Arun's presentation took students on a remarkable journey through his achievements in this field. The session concluded with an engaging Q&A session, where participants had the chance to seek clarification and gain further insights. Overall, the workshop makes students feeling motivated, inspired, and enriched through various interactions. **The workshop was coordinated by Dr. Megha K. Badekar, Principal Scientist & Head, Aquatic Environment and Health Management Division and Dr. Saurav Kumar, Scientist, AEHM Division, ICAR-CIFE.**



Fig. 1: Dr. Arun K Dhar is delivering his lecture to the students of ICAR-Central Institute of Fisheries Education, Mumbai