

WORKSHOP-CUM-DEMONSTRATION
ON
“FLOWCYTOMETRY AND ITS APPLICATIONS”

A Workshop-cum-Demonstration on **“Flowcytometry and its Applications”** was organized by the Aquatic Environment and Health Management Division, ICAR-CIFE, Mumbai, under the aegis of ICAR-World Bank funded National Agricultural Higher Education Project (NAHEP) on 15.02.2020 for the students and staff of ICAR-CIFE, Mumbai. The total number of participants was 70 and the category of candidates was as: General-32, SC-8, ST-3, OBC-27.

The workshop began with a welcome address by Dr. Gayatri Tripathi, Principal Scientist, AEHM Divison, ICAR-CIFE. Dr. Tripathi welcomed all guests and participants and spoke in brief about the importance of flowcytometry in fisheries science. The Application Specialist, Ms. Manisha Suthar from BD Biosciences introduced the concept of flowcytometry to the students. The lecture design was very comprehensive and covered all the fundamental aspects of flowcytometry, including basics of FCM, its principles, digital FCM and data analysis. Ms. Suthar also spoke on applications i.e. Immunophenotyping, ploidy and cell cycle analysis, cell counting and CD4 assays. During the practical demonstration of the instrument, the specialist showed the start-up and working mode of the instrument, software running, sample preparation and data analysis using the software.

The programme concluded with a Vote of Thanks by Dr. Gayatri Tripathi. Dr. Tripathi thanked Dr. Gopal Krishna (Director & Vice-Chancellor, ICAR-CIFE and PI, CIFE-NAHEP) for his guidance and encouragement for this programme. She expressed her heartfelt thanks to Dr. K. V. Rajendran (HoD, AEHM) and Dr. N. P. Sahu (HoD, FNBT & Dean Academics) for providing support and all necessary arrangements and facilities for the programme. Sincere thanks were also given to Dr. Charu Sharma and Ms. Manisha Suthar from BD Biosciences for their help in conducting the lecture and practical demonstrations. Dr. Tripathi thanked the participants for their overwhelming response and to RAs and SRFs working under NAHEP for extending their helping hands to make the programme successful.

Photo Gallery:


