

Training Programme **Molecular techniques and recent advances in Genome and Proteome Analysis** **(20-3-18 to 27-03-2018)**

A training programme on “Molecular techniques and recent advances in Genome and Proteome Analysis ” was organized by the DBT funded Bioinformatics Centre and Biotech Hub, College of Fisheries, Central Agricultural University(I), Lembucherra, Tripura, from 20-27 March, 2018. Total 19 participants including 7 faculties (Assistant Professor/PGT) of different college of Tripura and 12 technical staff, Ph.D. Students and research scholars of the College of Fisheries, CAU(I), Tripura. The programme was inaugurated by Shri Manoj Kanti Deb, Minister for Youth Affairs & Sports, Food, Civil Supplies & Consumer Affairs and Shri Krishnadhan Das, Member of Legislative Assembly, Bamutia, Tripura in the presence of Dr. Pramod Kumar Pandey, Dean, College of Fisheries, CAU (I) Lembucherra Tripura, and Dr. A.D. Upadhyay & Dr. D. Kamilya, Coordinators of the training programmes.



Inaugural Programme of the Training

The registration and pre-training evaluation has been done before the inauguration of the programme. In this training programme several topics such as RNA isolation DNA isolation, Gel electrophoresis and cDna synthesis Quantification, PCR techniques, Cloning and principle of real time PCR, DBT-BTISNET Programme, NCBI Database, BLAST, Phylogenic Tree, Transcriptomics, Primer Designing, Molecular Dynamics Simulation, SPSS etc. have been covered by the coordinators, faculties of COF and other colleges and research scholars.

In this training programme more emphasis was given on hands on. Further, need based lectures on ‘Aquaculture Biotechnology’ and ‘Fish Biodiversity and its Conservation in North East region” were delivered by DR. Pramod Kumar Pandey, Dean and Prof. Rani Dhanze, Head, FRM, COF CAU(I), Lembucherra Tripura.



Glimpse of classes and practical demonstration during the training programme

The training programme was evaluated as well as feed back of the trainees were sought at the end of the programme to know the effectiveness and shortcomings. It was found that the average performance in pre-training evaluation was 11.67(46.67%) out of total 25 marks. Whereas in post training evaluation, average performance was 20.17 (80.67%), this is an indicative of knowledge gain though training. Further the majority of participants (75%) were rated this training programme as Good followed by excellent 25%.

The valedictory function of the programme was held on 27-03-2018 at 3.30 PM in the presence of Dr. Bripra Das Palit, Director of Higher Education, Govt. of Tripura, Agartal, Prof. Atanu Sarkar, Dean(i/c), Prof. J. R. Dhanze, Consultant, COE-FAB, Dr. A.D. Upadhyay and Dr. J. Parhi, coordinators of BIF and Biotech Hub COF, CAU(I) Lembucherra Tripura. The programme was concluded with distribution of certificate and training manuals



Glimpse of valedictory function