

**Training Programme on  
Capacity Building in Molecular Biology and  
Bioinformatics techniques  
(20-27<sup>th</sup> February, 2017)**

The training programme on “Capacity Building in Molecular Biology and Bioinformatics techniques” was jointly organized by the DBT funded Bioinformatics Centre and Biotech Hub, College of Fisheries, Central Agricultural University (Imphal), Lembucherra, Tripura during 20-27<sup>th</sup> February, 2017. The training programme was inaugurated by Prof. M. Premjit Singh, Hon’ble Vice chancellor CAU(I) on 20-02-2016 at 11 AM. During the inaugural function Hon’ble Vice chancellor CAU(I) emphasized upon the importance of such training programme for the college teachers and he anticipated that the training programme will enrich the knowledge and skill of the participants in the field of Molecular Biology and Bioinformatics. In the programme Dr. Pramod Kumar Pandey, Dean, Prof. J. R. Dhanze, Consultant, FAB-COE Project and Dr. A. D. Upadhyay and Dr. Janmejy Parhi, Coordinators of DBT funded Bioinformatics Center & Biotech Hub, were present on the dais. A practical Manual on “Molecular Biology Techniques” was also released by the Hon’ble Vice Chancellor, CAU (I) on this occasion.





***Inaugural function of the training programme***

Total 21 participants including Assistant Professors and Associate Professors of MBB College, Ramthakur College, Swami Vivekananda Mahavidyalay, College of veterinary Sciences and Animal Husbandry of Tripura and research scholars working in different projects of this college have been participated in the programme. Several topics such as isolation of nucleic acids (DNA and RNA), quantification, cDNA synthesis, Agarose Gel Electrophoresis, PCR & real time-PCR etc. has been covered by Institutional Level Biotech Hub and overview of bioinformatics and its applications, web resources in bioinformatics and their application in biological sciences, NCBI database and its utility, multiple sequence alignment and phylogenetic tree construction using MEGA-6 & Clustal Omega software, EST, protein 3D structure prediction and homology modeling, application of SPSS-22 software for biological data analysis have been covered by Bioinformatics centre. The resource person in training programme includes faculties of this college and invited guest faculties from Tezpur University & Tripura University, etc.





***Glimpse of classes and practical demonstration during the training programme***

The post-training evaluation has been conducted to know the effectiveness of the training programme. The valedictory function of the programme was held on 27-02-2017 and Dr. M. Dutta, Principal Agricultural College & former Joint Director, ICAR Res Complex Tripura centre, Tripura was the Chief Guest on the occasion. Dr. R.K. Saha, Dean in charge, Dr. A.K. Roy, Ex- Consultant Statistics & Ex-Principal Scientist & Head, CIFA, Prof. J. R. Dhanze, former Dean & Consultant, COE-FAB and Dr. J.Parhi Coordinator, Biotech Hub were present on dais. The programme was concluded with certificate distribution to the participants, speech of respected chief guest of the function and vote of thanks.



***Certificate distribution, Feedback and speech of the chief guest during valedictory function.***