

Hands on

Computational R-Bioinformatics and PERL Programming

A week long hands on training on “Computational R-Bioinformatics and PERL Programming” organized by Bioinformatics Sub-DISC Centre, Sikkim State Council of Science & Technology, Department of Science & Technology and Climate Change, was conducted from 26th September to 1st October 2016 at Vigyan Bhawan, Deorali. The training programme is being funded by Department of Biotechnology, Government of India. The training programme was formally inaugurated by Mrs. Hemanta Basnet, Special Secretary, Department of Science, Technology and Climate Change, Government of Sikkim. The inaugural function was also attended by Dr. B. C. Basistha, Additional Director, Biotechnology Division, Shri K.B Subba, Assistant Scientific Officer and other staffs, research scholars of the Department. The participants of the training programme were PhD scholars of Sikkim University and Sikkim.



Fig 1: Inauguration

In her inaugural address, Mrs Hemanta Basnet emphasize on the importance of research and role of various upcoming researchers in the State. Shri. K. B. Subba delivered the welcome address and added that the bioinformatics is an indispensable tool for the molecular researcher that needs to be learned and updated to get the best idea in order to analyze and interpret the molecular Dr. B. C. Basistha who is also the Coordinator of Bioinformatics Sub-DISC Centre delivered the key note address and highlighted on the use of R-Bioinformatics and PERL programming in analysis of molecular data.



Fig 2: Bioinformatics Training Programme



Fig 3 : Hand-on Training

The Resource Persons of the training programme are Dr. Samrat Adhikari, HOD, Biotechnology, St. Edmund's College, Shillong, Meghalaya and Shri. Laydong Lepcha, SUB-DISC, SSCST. Shri. Lepcha imparted hands –on training on access of Genomic and Proteomics web source databases by using Computational programming such as R and PERL. While Dr. Adhikari imparted hands-on training upon the bioinformatics analytical softwares in studying phylogenetics and protein modeling.

The training concluded with a valedictory program on 1st October.2016.



Fig 4: Bioinformatics Training Programme

RESOURCE PERSONS:

Dr. Samrat Adhikari, HOD, Biotechnology, St. Edmund's College, Shillong, Meghalaya.
Shri. Laydong Lepcha, Information Officer, Sub-DISC, SSCST.

Venue : Bioinformatics Web Centre Vigyan Bhawan,Deorali,Gangtok.

Date: 26th Sept. to 1st Oct. 2016