

Training on Documentation of Ethno-traditional knowledge by using Bioinformatics tools

On 07th December, 2013, Bioinformatics Centre, Sikkim State Council of Science & Technology, Department of Science & Technology and Climate Change, organized a day training programme on “Documentation of Ethno-traditional knowledge by using Bioinformatics tools. The training was sponsored by the Department of Biotechnology, Government of India.

A day long programme was inaugurated by Miss Sarala Rai, Additional Secretary, Department of Science & Technology. Dr. B.C. Basistha, Additional Director and Coordinator, Bioinformatics Centre, SSCST, Shri. K.B. Subba, Co-coordinator & Assistant Scientific Officer, SSCST and Dr. Shiva Kumar Sharma, Assistant Scientific Officer, SSCST, were also present during the inaugural session of the training. The Resource Persons of the training programme were, Shri. Lalit Kumar Rai, GBPANT Institute, Government of India, Dr. Bharat Kumar Pradhan, Survey Expert, Sikkim Biodiversity Conservation and Forest Management Project, JICA and Shri. Laydong Lepcha, Information Officer, Sikkim Bioinformatics Centre, Sikkim State Council of Science & Technology, Department of Science & Technology and Climate Change.

During the training hours, Dr. Bharat Kumar Pradhan delivered a lecture on, necessary of documentation of Ethno-traditional knowledge and the role of Bioinformatics for the documentation of Ethnotraditional knowledge. He has also demonstrated a short documentary film on Ethno-traditional practices of Lepchas of Dzungu, North Sikkim. Shri. Lalit Kumar Rai, Scientist, GBPI-HED Institute, delivered a lecture on logistic concepts of social practices like Ethno-traditional knowledge. He also talked upon Ethno-botany and its four major studying phases.

Shri. Laydong Lepcha, Information Officer, SSCS&T, DST&CC, delivered a lecture on Ethno-traditional medicinal plants by referring two aspects; alarming status of some of the Ethno-traditional medicinal plants of Sikkim caused by Natural hazard, landslide and the development of Computational biogrid database for the documentation of Ethno-traditional knowledge by introducing sophisticated Bioinformatics software. Shri. Lepcha also gave hands on demonstration to the trainees by introducing PERL Bioinformatics programming software.



Fig.2 Trainees along with Dr. B.C. Basistha, Additional Director and Coordinator, SSCST and Resource persons.