

## Training Report

Three days training workshop on “Butterfly Monitoring & Butterfly Inclusive Eco-tourism as a Source of Livelihood” for Other Stake Holders at Forest Research Institute, Dehradun from 16-18.xii.2019.

The financial support of the training was provided by Ministry of Environment, Forest and Climate Change (MoEFCC). A total of 30 participants mainly graduate and post graduate level science students from 7 different institutions/organization (list attached) attended this training programme. The organizations were (NGO-Nirmal Hindon Sansthan Kendra Civil Society Sanstha, HIFEED Shamli, UP. ; NGO-Center for Business and Entrepreneurial Development (CBED) – Dehradun; NGO- Darpan Samiti, Almora; HNB Garhwal University (B.Sc. Forestry students-Dolphin (PG) Institute of Biomedical & Natural Sciences; M.Sc. Botany & Zoology students -DBS College, Dehradun); Ph.D. Scholars-FRI Deemed University, Dehradun; Assistant Professor-Doon Business School; Kumaon University-M.Sc. Zoology post graduates ).

The training programme was inaugurated by Shri. A. S. Rawat, Director, Forest Research Institute, Dehradun who outlined the importance of the training and was introduced to the participants. Dr. Arun Pratap Singh, Course coordinator & resource person,FRI, outlined the various aspects to be covered and field visits to be undertaken during training period. The main objective of the training programme was to discuss various aspects and issues related to butterfly monitoring and butterfly inclusive eco-tourism for generating livelihood opportunities in India. The structure of the current training workshop was designed in this direction. The course coordinator & resource person Dr. Arun Pratap Singh, has been working on butterflies in India for over 2 decades has designed the course so as to cover every aspect of this concept in detail which included 8 lectures spanning two days on basic topics -Importance of butterflies, their life cycle & habits, identification of butterflies, sources of literature and collections in India, sampling methods & equipments, the concept of butterfly nature trails, butterfly garden,, butterfly parks and. Conservatories, besides butterfly ranching &breeding, nectar and larval food plants of butterflies, butterfly baits and artificial nectar sources. The trainees were also taken to the National Butterfly Collection at FRI and then on a day's (17 Dec2019) field trip for a butterfly sampling on a transect across the natural mixed dry deciduous forest trail in the Jhilmil Jheel Conservation Reserve, Haridwar district of Uttarakhand. All the trainees were provided

course material of all the lectures as both hard copies. Soft copies of some important literature/books related to the subject were also given. The training was imparted in an interactive manner and will help the students in understanding the butterfly eco-tourism and in creating butterfly trails, gardens and parks.

The training ended with a small valedictory session which was chaired by Director, FRI who presented certificates, group photograph and a memento to each of the participants who gave an account/ feedback about the training programme. The training concluded with a vote of thanks by course coordinator .



Group Photograph of the trainees with the chief guest Mr. S.T.S.Lepcha ( Retd. MD. Forest Corporation & PCCF, Uttarakhand at FRI, Dehradun



Lecture sessions by course coordinator





Field exercise on butterfly sampling on a nature trail with trainees at Jhilmil Jheel, Haridwar, Uttarakhand





Valedictory Session and distribution of certificates by Shri A.S.Rawat, Director, FRI to trainees.