

HIMALAYAN FOREST RESEARCH INSTITUTE

BIODIVERSITY ASSESSMENT, MONITORING AND CONSERVATION

**A Three Day Training Programme for the frontline staff of
Chamba Wild-life Forest Division (H.P.)**

(30.01.2017 to 01.02.2017)

A three days training on “Biodiversity **Assessment, Monitoring and Conservation**” was organized by the institute for the frontline field functionaries of Chamba Wild- life Forest Division, Himachal Pradesh with the major objective to generate awareness amongst the grass root level officials about the significance of biodiversity, its assessment and conservation.

At the outset Dr. K. S. Kapoor, Group Coordinator Research, and Head, Division of Ecology & Biodiversity Conservation elaborated upon the need of the training pertaining to biodiversity related issues in context to the fast developmental activities in international, national and regional scenario. He stated that the rich and the diverse biodiversity of the state can always be ascribed to the climatic and altitudinal variations and there is an urgent need to link the related database in the most harmonized and seamless way. He further emphasized that during this training efforts will be made by the institute to sensitize the field functionaries of the department towards conservation and management of biodiversity.



This three day’s event was inaugurated by Dr. V. P. Tewari, Director of the Institute. Addressing on this occasion, he welcomed all the participants and thereafter, highlighted the importance of this training programme with special reference to the job profile of the participants. He further underlined the role of the



biodiversity in the very existence of the human beings in a quite meticulous way and concluded by saying that efficient management of biodiversity in the present day scenario is the need of the hour.

Later on technical session started with the presentation of Dr. Ranjeet Kumar, Scientist-E & Coordinator of the training who presented the role of this institute by highlighting its the research and extension activities and its future programmes. Dr. Sanjeeva Pandey, IFS and Principal Chief Conservator of Forests, addressed the trainees and shared his long experience and expertise which mainly revolved

around the management of the biodiversity in the conservation areas with special reference to the wild-life management. Dr. Vaneet Jishtu, the field botanist and taxonomist from the institute gave a presentation on the basics and fundamental principles employed for the identification of the plants in the field. Dr. Ranjeet Singh, Scientist of the institute gave a talk on Insect- pest diversity in the forests and their management. His presentation was subsequently followed by the presentations of, Dr. Bupinder Gupta, Professor and Head, Depart. of Silviculture & Agroforestry, UHF Nauni, who quite impressively presented the modern techniques of the remote sensing and GIS as useful in the forestry sector. Professor Dr K.S. Pant, from the same university briefed about the agro forestry practices/ systems in Himachal Pradesh and its potential for reducing pressure on biodiversity component.

The coordinator of this training programme, Dr. Ranjeet Kumar gave a presentation on the biodiversity assessment, monitoring and conservation by touching the crux of the problems in this concern. All the trainees very keenly and actively participated in the interaction processes with the scientists and the experts and subscribed to the fact that undoubtedly, biodiversity is at the helm of affairs of their job profile and definitely the knowledge shared on this account is of immense importance and worthwhile.

During the second day, a focused presentation was made by Dr. V. P. Tewari, which mainly put forth the overview of forestry in India, assessment of forests resources, monitoring and its management. Then, Dr. Sandeep Sharma apprised the trainees about the establishment & management of nursery and also about the bio-fertilizer & its use in enhancing the plant diversity. Sh Devender Singh Chauhan, Forest Range Officer from Spiti Wild -life Rang Kaza (L&S) shared his views on biodiversity and its management in Pin Valley National Park. He impinged upon the human wildlife conflict issues in a empirical and emphatic way.



In the after-noon session, the trainees were taken to the field and visited the Model Nursery at Baragaon so as to provide an insight about the methodologies of nursery development and management. Dr. Ranjeet Kumar and Sh P.S. Negi also explained the trainees about the botanical description of the plants on way to model nursery of the institute. The participants were also taken to the herbarium of the institute.

On the third and final day of the training programme, Sh. Bhupinder Singh Rana, IFS, Director of Forest Training Institute, Chail, highlighted the wild-life related issues and strategies employed in the management of the same and dwelled upon the human wildlife conflict quite impressively which was followed by the presentation of Dr. Ashwani Tapwal, Scientist from the organizing institute, about the Mycorrhizae and its relevance to biodiversity.

Concepts of ecosystem restoration in degraded areas for conservation and management of plant diversity were explained to the participants by Dr. R. K. Verma. Dr. Pawan Rana made a presentation on diversity of butterflies and its changing pattern with reference to climate change. Dr. Jagdish Singh, Scientist



discussed about the identification, cultivation and utilization of important medicinal plants of Himachal Pradesh, which ended this training programme. Later feedback forms were got filled from the trainees.



The valedictory session was chaired by Dr. V. P. Tewari, Director HFRI, who again emphasized upon the relevance of the biodiversity and related the utility of this programme with profession of the trainees. Dr. Tewari also wished them bright career

ahead. He also distributed the certificates to the participants. All the trainees expressed their delight and satisfaction about this training programme and thanked the organizers for selecting this topic of immense importance.



The training finally concluded with a very happy and pleasant vote of thank by Dr. R. K. Verma, Scientist-F of the institute.



Media coverage



प्रशिक्षणार्थियों को दी जैव विविधता पर जानकारी

प्रदेश के किसानों सहित 20 प्रशिक्षणार्थियों ने लिया भाग

शिमला, 30 जनवरी (जस्ता): शिमला में हिमालय वन अनुसंधान संस्थान द्वारा सोमवार को जैव विविधता आकलन अनुश्रवण तथा संरक्षण विषय पर प्रशिक्षण कार्यक्रम का आयोजन किया गया। कार्यक्रम का शुभारंभ निदेशक डा. वी. पी. तिवारी ने किया। उन्होंने सभी प्रतिभागियों, अधिकारियों, वैज्ञानिकों तथा संस्थान के कर्मचारियों को संबोधित किया। उन्होंने सभी को वर्तमान परिप्रेक्ष्य में जैव विविधता के महत्व, ह्रास के कारणों तथा इसके उचित प्रबंधन के विषय में अवगत करवाया।

कार्यक्रम में हिमाचल वन विभाग चम्बा वन्य जीव मंडल के क्षेत्रीय कर्मचारी व चम्बा जिला के संरक्षित क्षेत्रों के आसपास के किसानों सहित



शिमला : हिमालय वन अनुसंधान संस्थान द्वारा आयोजित प्रशिक्षण कार्यक्रम को संबोधित करते अधिकारी व उपस्थित प्रतिभागी।

(जस्ता)

20 प्रशिक्षणार्थी भाग ले रहे हैं। प्रशिक्षण का मुख्य उद्देश्य प्रशिक्षणार्थियों को जैव विविधता के संरक्षण एवं प्रबंध के बारे में जानकारी उपलब्ध करवाना तथा महत्वपूर्ण विषय पर संवेदना उत्पन्न करना है। यह कार्यक्रम शिमला में लगातार 3 दिन तक चलेगा।

प्रशिक्षण कार्यक्रम के समन्वयक डा. रणजीत कुमार ने प्रशिक्षणार्थियों

को बताया कि इस कार्यक्रम के अंतर्गत संस्थान के विभिन्न वैज्ञानिक तथा अन्य संस्थाओं के विषय विशेषज्ञ जैव विविधता से संबंधित विभिन्न मुद्दों पर अपना ज्ञान व अनुभव सांझा करेंगे। उन्होंने कहा कि इस दौरान डा. वाई.एस. परमार नौणी विश्वविद्यालय व हिमाचल प्रदेश वन विभाग के विषय विशेषज्ञ भी जैव

विविधता पर प्रकाश डालेंगे। प्रशिक्षणार्थियों को आदर्श पौधशाला बड़ा गांव का क्षेत्रीय भ्रमण भी करवाया जाएगा।

इसके अलावा कार्यक्रम के समापन पर प्रतिभागियों से इसके बारे में सुझाव भी प्राप्त किए जाएंगे। यह प्रशिक्षण 1 फरवरी को समाप्त होगा।

