

A REPORT ON

‘Three Days Training on “Seed, nursery and plantation techniques of Oak species” for other stakeholders’



Venue: ICFRE-HFRI, Shimla

Date: 23rd to 25th October 2024

A three-day MoEF and CC sponsored Training Program for other stakeholders on “Seed, nursery and plantation techniques of Oak species” was conducted by ICFRE-HFRI from Oct 23-25, 2024.

Five students of Department of Botany along with Dr. Shikha Chandel (Assistant Professor, Dept. of Botany) participated in the training program from COE, Govt. College Sanjauli.

The highlights of the program are as follows:

Day 1



Sh. P. S Negi, Scientist, HFRI, Shimla and Training coordinator, welcomed the Chief guest, Col. Mohan Singh, Commandant, Eco-Task Force and all the participants to the three days training program. This was followed by inaugural address by Dr. Sandeep Sharma, Director HFRI. Further, theme of the workshop was covered by lectures given by many eminent resource persons. first lecture was delivered by Dr. Swaran Lata on “Himalayan Oaks: Distribution, Uses and Conservation Needs.” This was followed by the second lecture by Sh. P.S.

Negi, who shared his expertise on “Seed Technology of Himalayan Oaks”.

Following lunch, the third lecture was delivered by Dr. Sandeep Sir on “Modern Nursery Techniques and biocomposting”. The next lecture was presented by Dr. Ashwani Tapwal focusing on ‘Diseases of Oaks and their Eco-Friendly Management’. Subsequently, Dr. Jagdish Singh Sir delivered the fifth lecture, shedding light on ‘Agroforestry’. Finally, the sixth lecture was given by Dr. Praveen Rawat Sir, who elaborated on ‘Further Uses and Nutritive Value of Himalayan Oak Species’.



Day 2 - Field visit

Location: Shilaru and Hatu peak

A field visit to Field Research Station Shilaru was conducted on the 2nd Day of program. Participants were accompanied by Sh. P. S. Negi and other HFRI staff. Along with the information regarding Oak sp., information regarding many medicinal plants such as *Thymus serpyllum* (jungle ajwain), *Betulla utilis* (bhojpatra), *Viola serpens* (banaksha), *Angelica glauca* (chora), *Aconitum heterophyllum*, *Taxus wallichiana* (rakhal), *Plantago major* (isabghol), *Picorrhiza kurroa* (kutki), *Cedrus deodara* etc. was also provided to the participants.

Afterwards, hatu peak, which is at an elevation of 3400m above sea line, canvassed in a thick green cover of tall Cedar, Maple, Populus and especially the magnificent *Quercus floribunda* (mohru oak), *Quercus semecarpifolia* (kharsu oak) was also visited. Overall, this visit aimed at helping students to identify different plant species especially Oak.



Day-3

On the final day, first lecture was delivered by Dr. Vaneet Jishtu on “Understanding the role of Oaks in our ecosystem” followed by lecture by Dr. Mohamad Ibrahim on “selection of quality planting materials”. Further session was continued by Dr. Akhil Sharma. He delivered a lecture on “Insects pes of Himalayan Oaks and their control measures”. Afterwards, Mr. Dushyant Kumar delivered a lecture on “Assessment of carbon stock of Oaks and other forestry species of Shimla”. The training program ended with distribution of certificates followed by laboratory visits.

