



**MONTHLY SEMINAR**

**30.07.2020**

**THEME – Biodiversity Conservation Management and Ecological Security**

**TOPIC – Importance of QPM for Conservation & Sustainable Use of Medicinal Plants.**

**Speaker :** Sri Pramod Chand Lakra, IFS, DCF/OIC, Environmental Research Station , Sukna (WB)

A monthly Seminar/Webinar on “Importance of QPM for Conservation & Sustainable Use of Medicinal Plants” was organised at Institute of Forest Productivity, Ranchi on 30.07.2020 and was presided over by Dr. Nitin Kulkarni, Director, IFP, Ranchi. Dr. Yogeshwar Mishra, Scientist-F & Group Co-ordinator (Research) briefed about the Importance of QPM for Conservation & Sustainable Use of Medicinal Plants and invited the speaker to speak on the topic.

The speaker made a detailed power point presentation on the topic whose outline is as given below:

- Species Richness of Medicinal Plant in Northern Part of West Bengal.
- Trade in Medicinal Plants.
- Status on Conservation of Medicinal Plants.
- Sustainable Use of Medicinal Plants.
- Role of Ministry of **AYUSH** towards Conservation and Sustainable use of Medicinal Plants.
- Importance of Quality Plant Material and its Role in Conservation and Sustainable Use.
- Role played by ERS, Sukna towards Conservation & Sustainable use of Medicinal Plants.
- A Way Forward.
- Conclusion.

He said that Darjeeling Himalayan region is characterized by a rich diversity of ethnomedicinal plants as well as a rich heritage of traditional medicine practices and accounts for more than 500 medicinal plant species out of 2500 odd species widely used in the country. As per the WHO the Global market value for herbal Industry is expected to reached US\$ 5 trillion in 2050. The global market growth for the industry is expected to be 7% per annum from year 2000 to 2050. The diversity of medicinal plants and knowledge is facing the risk of extinction due to habitat destruction, over exploitations and various other factors. He described the role of AYUSH in Conservation, Cultivation, Research, Quality Assurance, Forward Linkages, Awareness, Trade & Regulatory Issues and International Developments towards conservation and sustainable use of Medicinal Plants. He briefed about different in-situ and ex-situ techniques for conservation of medicinal plants. He also spoke about importance of Quality Plant Material and its role in conservation and sustainable use and role played by ERS, Sukna towards conservation and sustainable use of Medicinal Plants. He also emphasised on Interface with forest department and other stakeholders to bring about needed

change for conservation of Medicinal plants. He concluded his presentation with the message that if the source is conserved it will have immense scope for us to take up, sustainable utilization of medicinal plants for livelihood improvement.

The seminar ended with critical discussion on the presentation and formulation of future strategies and networking under the chairmanship of Dr. Nitin Kulkarni, Director, Institute of Forest Productivity, Ranchi.

### **EXPECTED OUTCOME OF THE SEMINAR**

- Awareness about the importance of Quality Planting Material in conservation of medicinal plant species of lower Himalaya region.
- Updating information on Conservation and Trade in Medicinal Plants.

### **IDENTIFICATION OF FUTURE STRATEGIES/ROAD MAP**

- Conservation and Sustainable Development of RET medicinal plants
- Further Research strategies for selection criteria for identifying Quality Planting Materials for the conservation of medicinal plant species.

### **NETWORKING RESEARCH OPTION AND OPPORTUNITIES**

- Research Institute can take up propagation protocol of rare medicinal plant species of lower Himalaya region
- Partnership with other institutes for sharing of infrastructure and expertise in area like phyto-chemical analysis of medicinal plants and selection of better quality planting material.
- Opportunities to increase stakeholder participation in conservation using Quality Planting Material.





Glimpses of the Participants through Webinar