

Participation of Forest Research Institute, Dehradun in the Exhibition

on

Uttarakhand State Geoinformatics Meet - 2020

At USAC, Nalapani, Dehradun

[10th February, 2020]

The Extension Division of Forest Research Institute (FRI), Dehradun participated in Uttarakhand State Geoinformatics - Meet 2020 at Uppar Aamwala, Nalapani, Dehradun organized by Uttarakhand Space Application Centre (USAC), Dehradun (Uttarakhand). A FRI stall was put in the exhibition. In the exhibition different scientific innovations done by Forest Research Institute were displayed to farmers, students, representatives of different scientific organizations and other stakeholders coming from different parts of the country through posters, pamphlets and products. Shri Trivendra Singh Rawat, Hon'ble Chief Minister of Uttarakhand visited the FRI, stall and appreciated work carried out by the institute. He showed the keen interest on Gudmar and knowledge of utilization of medicinal plants in relation to different diseases like Arthritis, diabetics, Blood Pressure, Cold, General vitality of body etc.

Following technologies/scientific innovations were disseminated:

- SAMRITHI- Enhancing silk-cocoon production through shortening of life cycle of larvae,
- RAKSHAK- Bio-pesticide for Poplar defoliator
- Solar Kiln for control drying of wood
- Mobile app for farmers for identification of insect pests and their management
- Forestry produces including herbal material extracted from medicinal plants
- *Poplar deltoids*, *Melia dubia* and *Embllica officinalis* based agroforestry models
- Medicinal and edible mushroom cultivation and utilization
- Compost formation
- Bamboo preservation through an eco-friendly preservative-ZiBOC
- Natural Dyes from plant biomass
- Bamboo products

Some medicinal plants like Ghrit Kumari (*Alo Vera*), Kala Bansa (*Barleria lupulina*), Harad (*Terminalia chebula*), Kasani (*Cichorium intybus*), Gudmar (*Gymnema Sylvestre*) Sadabahar (*Catharanthus roseus*) and Dardmar (*Bryophyllum pinnatum*) etc. were also displayed. Reports of projects like- DPR on Rivers rejuvenation through Forestry interventions to Ganga under Namami Gange, booklets including brochures on agroforestry species and mushrooms, etc. were also displayed and distributed. Visitors comprising of farmers, entrepreneurs, researchers, faculty,

students and other stakeholders visited the stall to look at the posters and other display material on forestry, agroforestry, medicinal plants and other research & extension activities of the institute. All categories of visitors showed keen interest in forestry, agroforestry and medicinal plants.

The work of exhibition was performed by a team of Extension Division, FRI, Dehradun.

Glimpses of the Exhibition



Shri Trivendra Singh Rawat, Hon'ble Chief Minister of Uttarakhand visiting the stall of FRI



Visitors at Exhibition Stall of FRI



Visitor visiting the Exhibition stall of FRI