



Indian Council of  
Forestry Research  
and Education

ICFRE

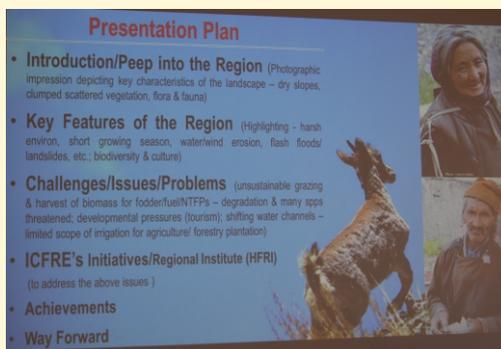
# NEWSLETTER

May 2021 Vol 21 No. 5

## Bharat Ka Amrit Mahotsav



Celebration of "Bharat ka Amrit Mahotsav" by HFRI, Shimla



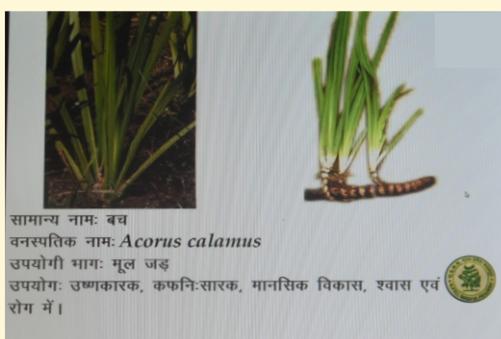
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## Significant Research Findings

### Forest Research Institute, Dehradun

- In order to determination of some chemical properties of Bhimal fibre, processing of various sample of Bhimal fibre are under progress: The determination of cellulose content from the NaOH, Control and NaOH + Ammonium Oxalate treated of Bhimal fibre is completed. The moisture content and ash content has been determined for Bhimal fibres treated with Urea, Thiourea, Cow Dung, Control, NaOH+Ammonium Oxalate and NaOH.
- Format developed for the butterfly forest type database of Uttarakhand. Data for 31 species from family Papilionidae has been updated in the database under the project "Butterflies associated with different forest types/sub-types in Uttarakhand".



Celebration of "Bharat ka Amrit Mahotsav" by TFRI, Jabalpur

## "Bharat Ka Amrit Mahotsav", an initiative of Government of India celebrated by :

- HFRI, Shimla conducted a webinar on 7 May 2021 under the theme "Conservation of Cold Desert Area and Climate Change". Over 70 participants including Scientists, Officers, Technical staff, field staff and research scholars were connected through virtual mode.
- IFP, Ranchi conducted a webinar on "Development of clonal forestry in India" virtually on 18 May 2021. 64 participants including Scientists, Administrative, Technical Officers and Staff, Research Scholars attended the programme.
- TFRI, Jabalpur conducted a webinar on "Non-destructive harvesting, processing and marketing of NTFPs" on 21 May 2021. 70 participants including Scientists, Technical Officers and Staff, Research Scholar and Farmers attended the programme.

- Samples of *Theocolax elegance* parasitoids collected and reared in the laboratory conditions. Maintenance of mass rearing culture in the laboratory was carried out. Seed of *Melia* sp., and leaf galls were collected from FRI campus. Six species of Pteromalidae were treated and dry mounted and microscopic photography has been done under the project “Diversity study of pteromalid parasitoids (Hymenoptera: Pteromalidae) of Northern India with special emphasis on bio-efficacy of some selected parasitoids”.
- Three pairs of Hoplo beetle emerged in the laboratory were kept in the rearing cages for their culture and to record biological information in the laboratory. 5 adult beetles collected from infested trees, harvested from SFD, Timli brought to the laboratory for observations. Under the project “Studies on Semio-chemicals for Management of Sal heartwood borer, *Hoplocerambyx spinicornis* Newman (Coleoptera: Cerambycidae)”.
- Plant material has been collected for extraction of essential oil of three plant species. *Clostera* sp. population collected from field and preliminary experiment bio-efficacy of one bio-product has been carried out under laboratory under the project “Insect pest management of poplar using biopesticide”.
- Database for moths of Shiwaliks was updated and moths identified with the help of keys under the project “Assessment of Species Diversity of Heterocera (moths) across the Shiwalik Landscape of Northern India and Development of a Database”.
- Field survey and collection of sal inflorescence was done at various sites in and around Dehradun. Rearing is continuing under laboratory condition under the project “Bioecology and management of Sal seed borer- *Dichocrocisleptalis* Hamp. (Lepidoptera: Pyralidae)”.
- Nomenclature updates and description of 25 species were completed under the project “Revision of Kanjilal's Forest Flora of the Chakrata, Dehradun and Saharanpur Forest Divisions, Uttar Pradesh”.
- Nomenclature updates and description of 30 species were completed under the project “Revision of Osmaston's Forest Flora for Kumaon for Conservation and sustainable utilization”.

- 10 numbers of grass species have been identified under the project “Characterization of Grassland Types of Uttarakhand and Eco-Distribution Studies”.
- The phytosociological data collected from field was analyzed under the project “Estimation of economic losses in real term per hectare basis due to forest fire in Uttarakhand and Madhya Pradesh”.

### Consultancy

- Presently works under 09 consultancy projects are underway. The achievements and works executed during the month include the following:
  1. Compilation works for preparation of draft report on Biodiversity Assessment Study of whole of Hasdeo Arand coal field including, Tara, Parsa, Parsa East and Kanta Basan, and Kente Extension coal blocks in Surguja district Chhattisgarh state were carried out.
  2. Compilation works for preparation of draft report on Annual (year 2020-21) Monitoring of NTPC Plantations under Accelerated Afforestation Programme of NTPC Ltd in different states were carried out.
  3. Works on EA-EPIR of selected open cast mines of NCL were carried out.

### Meeting

Topic	Duration	Beneficiaries
<b>Institute Wood Science and Technology, Bengaluru</b>		
Establishment of Technology Demonstration Centre at IWST	11 May 2021	Officials from IWST and IPIRTI

### Training Programmes

Topic	Duration	Beneficiaries
<b>Institute Wood Science and Technology, Bengaluru</b>		
Wood Science and Technology	21 to 24 May 2021	Forest Range Officer trainees 2020-2022 batch Tamil Nadu Forest Academy, Coimbatore

Miscellaneous

Institute	Special Day/theme	Duration
ICFRE and its institutes	International Day of Biodiversity - 2021	22 May 2021
FRI, Dehradun	135 <sup>th</sup> birth anniversary of Shri Rash Behari Bose	25 May 2021



RFRI, Jorhat celebrated International Day of Biodiversity - 2021



FRI, Dehradun celebrated 135<sup>th</sup> birth anniversary of Shri Rash Behari Bose

HR News

**Repartriation**

**Name of Officer**

Shri E. Vikram, IFS (HP:2005), ICFRE

**Date**

27.05.2021

**Retirements**

**Name of Officer**

Shri Attar Singh, ACTO, FRI, Dehradun

**Date**

31.05.2021

**Patron:**

Shri. A.S. Rawat, IFS, Director General, ICFRE, Dehradun

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