



Indian Council of  
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# ICFRE NEWSLETTER

## International Workshop on Enhancing Ecosystem Services by Improving Forest Quality and Productivity and SLEM Knowledge Dissemination



### CONTENT

	Pg No.
International Workshop on Enhancing Ecosystem Services by Improving Forest Quality and Productivity and SLEM Knowledge Dissemination	01
Azadi ka Amrit Mahotsav and LIFE	02
Significant Research Findings	04
Consultancies	05
Tree Growers Mela/Kisan Mela	05
Workshops/Webinars/Seminars/Meetings	06
Training Programmes	09
Activities under Van Vigyan Kendras	13
Memorandum of Understanding	14
Prakriti Programme	14
Awareness and Demonstration Programme	15
Miscellaneous	17
Popularizing through All India Radio/Doordarshan	17
Days Celebrated	18
HR News	19

ICFRE, Dehradun conducted International Workshop on Enhancing Ecosystem Services by Improving Forest Quality & Productivity and SLEM Knowledge Dissemination from 22 to 24 March 2023. 200 delegates from National and International research organization from Bangladesh, Bhutan, Japan, Malaysia, Nepal and Thailand, Universities, SFDs, representatives from World Bank, FAO, GIZ, UNDP, ICFRE DDGs, ADGs, Directors from Institutes, scientists & officers participated in the workshop.



ICFRE, Dehradun conducted International Workshop on Enhancing Ecosystem Services by Improving Forest Quality & Productivity and SLEM Knowledge Dissemination





**Azadi ka Amrit Mahotsav and LiFE**



- ICFRE-IFP, Ranchi conducted training programme on “Nature's Helper-Honeybees and Honey Production” on 1 March 2023. In this programme discussion was done on beekeeping, honey production, management, marketing and on economic aspects. 95 participated including 50 villagers participated in the programme.



ICFRE-IFP, Ranchi conducted training programme on Nature's Helper-Honeybees and Honey Production

- ICFRE-IFGTB, Coimbatore organized one day training programme on Agroforestry Models on 2 March 2023 for farmers at VVK, Thalamalai in collaboration with KVK-ICAR-MYRADA, Erode. 52 farmers and 7 staff members from KVK-ICAR-MYRADA participated in the programme.



ICFRE-IFGTB, Coimbatore organized one day training programme on Agroforestry Models

- ICFRE-IWST, Bengaluru conducted programme on “Utilization of *Melia dubia* for panel products” on 3 March 2023. Professionals from academic institute and wood based industries participated in the programme.
- ICFRE– FRCSD, Chhindwara organized Swatchhata Abhiyan on 6, 20 and 22 March 2023. All the Scientists, Staff and Project Staff of the institute contributed their services during Abhiyan.

- ICFRE-RFRI, Jorhat organized a sensitization programme on LiFE (Lifestyle for Environment) as a part of celebration of Mission LiFE of Govt. of India on 9 March 2023. 40 Project Fellows, Spouse and childrens of officers and staff of RFRI campus, Jorhat participated in the programme.



ICFRE–FRCSD, Chhindwara organized Swatchhata Abhiyan



ICFRE-RFRI, Jorhat organized a sensitization programme on LiFE (Lifestyle for Environment)



- ICFRE–FRCSD, Chhindwara organized a training cum awareness programme on “Method for preparation of Organic Manure” on 10 March 2023. 27 Farmers from Maniyakhapa, Chhindwara participated in the programme.
- ICFRE– FRCSD, Chhindwara organized a Yoga programme on 15 March 2023. Officers and Staff members of ICFRE-FRCSD, Chhindwara participated in the programme.
- ICFRE- IFB, Hyderabad conducted a programme on botanizing the ICFRE-IFB campus on 15 March 2023. 50 Forest Beat Officer (FBO) trainees of 83<sup>rd</sup> Batch from Karnataka State Forest Department participated in the programme.
- ICFRE-IFB, Hyderabad organized an awareness programme on “Preparation of People's Biodiversity Registers (PBRs)” on 16 March 2023. 25 B.Sc students from Anwarul Uloom College, Hyderabad participated in the programme.



ICFRE–FRCSD, Chhindwara conducted training cum awareness programme on Method for preparation of Organic Manure



ICFRE- IFB, Hyderabad conducted a programme on botanizing the ICFRE-IFB campus

- ICFRE-IWST, Bengaluru conducted programme on “Impact of Formaldehyde emission from panel products on environment” on 20 March 2023. Representatives from Wood based industries, Researchers and Students participated in the programme.
- ICFRE–FRCSD, Chhindwara conducted a programme on “Environment Awareness and Biodiversity Conservation” on 21 March 2023. Students of JNV school, Singodi, Chhindwara attended the programme.
- ICFRE-HFRI, Shimla celebrated International Day of Forest on the theme Forests and Health on 21 March 2023. 85 students from Auckland House School, Shimla participated in the programme.
- Ek Bharat Shreshtha Bharat (EBSB) and Mission LIFE, EIACP (Environmental Information, Awareness, Capacity Building and Livelihood Programme) Programme Centre (erstwhile IFGTB ENVIS) RP at the ICFRE- IFGTB, Coimbatore commemorated International Day of Forests 2023 by conducting Tree Sapling Planting Programme on 21 March 2023.
- ICFRE-FRI, Dehradun organized a webinar under the theme Dynamics of Photosynthesis Apparatus in Plants for Combating Climate Change on 22 March 2023. 90 participants including researchers and academicians participated in the programme.



ICFRE-HFRI, Shimla celebrated International Day of Forest under the theme Forests and Health



ICFRE-IFGTB, Coimbatore organized a sensitization programme on LIFE (Lifestyle for Environment)





- ICFRE-AFRI, Jodhpur conducted a programme on Women Entrepreneur under the theme “Aatma Nirbhar Bharat” on 24 March 2023. Smt. Bhawna Sharma, HoD, Extension Division, All Senior Technical Officers, Technicians, JPF/FA participated in the programme.



ICFRE-AFRI, Jodhpur conducted programme on Women Entrepreneur under the theme “Aatma Nirbhar Bharat”

- A one day workshop and poetry recitation was organized by the ICFRE-Eco-Rehabilitation Centre, Prayagraj on the topic “Jan Bhasha me Paryavaran Ke Swar : Awadhi” on 24 March 2023.



A one day workshop and poetry recitation was organized by the ICFRE-Eco-Rehabilitation Centre, Prayagraj on the topic “Jan Bhasha me Paryavaran Ke Swar : Awadhi”

- ICFRE-RFRI, Jorhat organized a seminar on Healthy Lifestyle and also a presentation on the topic Rebooting for Life: Eating for Healthy Body and Healthy Planet was delivered on 27 March 2023.



ICFRE-RFRI, Jorhat organized a seminar on Healthy Lifestyle and a presentation on Rebooting for Life: Eating for Healthy Body and Healthy Planet

- ICFRE-IFP, Ranchi organized a seminar on contribution of tribal communities in nation building on 29 March 2023. All the HoDs, scientists, Officers, Officials and research scholars of the Institute participated in the programme.



ICFRE-IFP, Ranchi organized a seminar on contribution of tribal communities in nation building

## Significant Research Findings

### ICFRE-Forest Research Institute, Dehradun

- Seasonality, forest type associations of 320 species of moths was assessed and 6 new range extensions were identified from the moths sampled so far in the Shiwaliks. Besides, identification of 15 species of moths was confirmed. A poster on the above aspects was presented in International Symposium on Intersectoral Cooperation for Resilient

Landscapes from 29 to 30 March 2023 at ICFRE-Forest Research Institute, Dehradun.

### ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore

- Prediction of suitable habitat mapping of *Anogeissus latifolia* through MaxEnt Model was developed.



- An *Azospirillum* sp. (nitrogen-fixing beneficial bacteria) was identified as a Zn solubilizer that was isolated from the *Tectona grandis* rhizosphere soils. This beneficial microbe *Azospirillum* sp. can act as a Zn solubilizer, which also serves as a Zn biofertilizer for plants. Zn solubilizing bacteria *Azospirillum* sp. can be used as a biofertilizer for improving the growth of plants.
  - The impact of changing climate on the teak phenology of various teak plantations in Kerala was assessed using MODIS satellite data for 19 years (2001 – 2020) with the help of TIMESAT software. Phenological metrics like Start of Season (SoS), End of Season (EoS) and Length of Season (LOS) were calculated. The analysis showed the delayed Start of Season in the Wayanad area when compare to the Nilambur and Parambikulam region.
7. Final Environmental Audit report of Kanchan OCP of SECL submitted to Coal India Limited (CIL), Kolkata.

### Tree Growers Mela/Kisan Mela

- ICFRE-IFP, Ranchi participated in one day Tasar cum Silk-Kisan Mela 2023 organized by CTRTI, Nagri, Ranchi on 3 March 2023.



ICFRE-IFP, Ranchi participated in one day Tasar cum Silk-Kisan Mela 2023 organized by CTRTI, Nagri, Ranchi

### ICFRE-Institute of Wood Science and Technology, Bengaluru

- 53 nucleotide sequences of the barcode regions belonging to mangrove species (*Avicennia marina*, *A. officinalis*, *Sonneratia alba* and *S. apetala*) were published online in the Nucleotide database of NCBI with accession numbers, as part of Completed EAP funded by Mangrove Foundation.

### Consultancies

#### Indian Council of Forestry Research and Education, Dehradun

Works on different scientific consultancy projects was undertaken and following reports were submitted to respective agencies during the period:

1. Draft final report of Navnera Reservoir submitted to Kota Rajasthan.
2. Draft Environmental Audit report of Durgapur OCP of WCL submitted to Coal India Limited (CIL), Kolkata.
3. Final Environmental Audit report of Jhingurda OCP of NCL submitted to Coal India Limited (CIL), Kolkata.
4. Draft Environmental Audit Report of Jagannathpur and Mahan II OCP of SECL, submitted to Coal India Limited (CIL), Kolkata.
5. Final Environmental Audit report of Lingaraj OCP of MCL submitted to Coal India Limited (CIL), Kolkata.
6. Draft Environmental Audit of New Majri OCP of WCL submitted to Coal India Limited (CIL), Kolkata.

- ICFRE-AFRI, Jodhpur organized Tree Grower's Mela on 17 March 2023. A workshop was also conducted on this occasion to discuss topics like High Tech Nursery & Production of high-quality plants, advanced varieties of millets, value addition & marketing and sustainable development through Agro-Forestry, its uses & importance of biofertilizer in Sustainable Development in Agroforestry. 400 farmers officials from local government, non-government organizations, environmentalists, Forest Department Officers & Environmentalists participated in the event.



ICFRE-AFRI, Jodhpur organized Tree Grower's Mela

## Workshops/Webinars/Seminars/Meetings

S.No.	Topic	Duration	Participants
<b>Indian Council of Forestry Research and Education, Dehradun</b>			
1.	62 <sup>nd</sup> IUFRO Annual Board Meeting	27 to 28 March 2023	Board members from different countries
<b>ICFRE-Forest Research Dehradun, Dehradun</b>			
2.	Seminar on Application of Nanotechnology in Wood-Based Products Industry	15 March 2023	Scientists, technical officers, ACTOs, CTOs, Students of M.Sc. (Wood Science and Technology), FRIDU, Dehradun, technocrats from wood based industries
3.	Pre consultation meeting on Forest Soil Health Cards	21 March 2023	Delhi Forest Department
4.	Symposium on International Cooperation for Resilient Landscapes	29 to 30 March 2023	More than 200 participants from different countries
<b>ICFRE-Arid Forest Research Institute, Jodhpur</b>			
5.	Workshop on HRRL funded project- greenbelt development at Pachpadra refinery	3 March 2023	Representative Members from HRRL, EIL, SFDs and agriculture institutes



FRI, Dehradun conducted Pre consultation meeting on Forest Soil Health Cards



ICFRE-AFRI, Jodhpur conducted Workshop on HRRL funded project- greenbelt development



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**ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore**

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| 6. | Meeting on Forest Soil Health Cards of Puducherry UT | 28 March 2023 | Puducherry Forest Department |
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**ICFRE-Tropical Rain Forest Research Institute, Jabalpur**

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| 7. | Pre-consultation meeting for Soil health cards of forest divisions of M.P.        | 15 March 2023 | 80 participants including State forest department, Scientists and technical officers                                       |
| 8. | Workshop on Roadmap of QPM delivery and Scope of TOF expansion in Rajasthan state | 17 March 2023 | 48 participants including SAU, Local Universities, Women SHGs, SFD, Nursery grower, Progressive farmers and Industrialists |
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ICFRE-IFGTB, Coimbatore organized meeting on Forest Soil Health Cards of Puducherry UT



ICFRE-TFRI, Jabalpur organized Pre-consultation meeting for Soil health cards of forest divisions of M.P.

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**ICFRE-Himalayan Forest Research Institute, Shimla**

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| 9. | Seminar on Habitat Modelling – A Tool for Predicting Ecological Habitat Suitability | 28 March 2023 | 72 participants including Scientists, Technical staff and Research staff |
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**ICFRE-Institute of Wood Science and Technology, Bengaluru**

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| 10. | Webinar on Prioritization for Promotion of Tree Species for Sustainable Utilization | 21 March 2023 | Directors from ICFRE Institutes, Scientists from IWST and stakeholders from industries |
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### ICFRE-Institute of Forest Productivity, Ranchi

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| 11. | Meeting on Project DPR Damodar and Subarnarekha River   | 2 March 2023 | SFD, West Bengal and staff of IFP, Ranchi   |
| 12. | Meeting on Combating land degradation, increasing green cover and enhancing land based livelihoods in Jharkhand | 5 March 2023 | 35 participants including CCF and other officials from SFDs, Jharkhand, different NGOs, Director, IFP, IFP, Representative from Birsa Agricultural University, Ranchi, ICAR- RCER, Ranchi, Scientists and officers of ICFRE-IFP, Ranchi and other dignitaries |

### ICFRE-Rain Forest Research Institute, Jorhat

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| 13. | Public Meeting to kick off the process of establishment of Demonstration Village at Charingia Gaon under Bhogamukh PS of Jorhat | 14 March 2023 | Villagers from Bhogamukh area of Jorhat |
| 14. | Brainstorming session for Livelihood Generation using different technology of ICFRE-RFRI, Jorhat                                | 30 March 2023 | 45 Youths of Charingia village, Jorhat  |



ICFRE-IFP, Ranchi conducted Meeting on Combating land degradation, increasing green cover and enhancing land based livelihoods in Jharkhand



ICFRE-RFRI, Jorhat conducted Brainstorming session for Livelihood Generation using different technology of ICFRE-RFRI, Jorhat



## Training Programmes

S.No.	Topic	Duration	Participants
<b>ICFRE-Forest Research Institute, Dehradun</b>			
1.	Making Bamboo and Ringal Handicrafts	13 to 17 March 2023	28 participants including farmers and artisans

### ICFRE-Institute of Wood Science and Technology, Bengaluru

2.	Sandalwood based on Agroforestry Models	2 March 2023	80 Farmers
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Training on Making Bamboo and Ringal Handicrafts



Training on Sandalwood based on Agroforestry Models

3.	Manufacturing of FRD shutter	6 to 9 March 2023	Wood based industries under Sponsored project
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4.	Bamboo cultivation, Seasoning and Preservation	10 March 2023	80 prisoners and jail staff at Open Jail Devanahalli Bangalore Rural District
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5.	Bamboo cultivation, Seasoning and Preservation	17 March 2023	50 farmers
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Training on Bamboo cultivation, Seasoning and Preservation



Training on Bamboo cultivation, Seasoning and Preservation



6.	Sandalwood based Agroforestry Models and Spike Disease	27 March 2023	80 Farmers
7.	Bamboo-Nursery, management, value additions and technologies under BTSG-ICFRE -NBM programme	27 to 31 March 2023	45 participants



Training on Sandalwood based Agroforestry Models and Spike Disease



Training on Bamboo-Nursery, management, value additions and technologies

**ICFRE-Himalayan Forest Research Institute, Shimla**

8.	Grafting Technique	6 March 2023	15 villagers
9.	Capacity Building of Stakeholders on Cultivation and Conservation of Medicinal Plants	13 to 14 March 2023	55 Frontline staff of Great Himalayan National Park and farmers
10.	Capacity Building in Promoting Practices for Conservation of Native Pollinators and their food plants through Community based approach	16 March 2023	85 participants including Farmers, Panchayat members of surrounding villages and forest officials of Forest Range, Pooh (Kinnaur)





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11.	Capacity Building Training Programme for frontline Staff of the Forest Department	16 to 18 March 2023	40 Frontline staff of SFD including research staff
12.	Cultivation of Important Temperate Medicinal Plants: An option for Enhancing the Income Local Communities	17 March 2023	40 participants including farmers, members of Mahila mandal, NGO from Tanganu, Diudi, Janglik panchayat of Chirgaon, Rohru

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13.	Capacity Building in Promoting Practices for Conservation of Native Pollinators and their food plants through community based approach	18 March 2023	85 participants including Farmers, Panchayat members and forest officials of Forest Range, Bhavanagar, Kinnaur
14.	Capacity Building of Forest Staff on Identification of Flora and Methodology of Plant Inventory/Sampling for Baseline Data Collection	24 to 25 March 2023	Forest Officials and staff members of HP, SFD

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**ICFRE-Institute of Forest Productivity, Ranchi**

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15.	Climate Change, Carbon Sequestration and Mitigation	13 to 17 March 2023	20 participants including technical officers and various officials of all Institutes of ICFRE
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16.	Field data collection in DPR of Damodar & Subarnarekha River through forestry intervention	20 March 2023	35 participants including DFO, Range Officers and other front-line staff of the Koderma, Forest Division
17.	Field data collection on DPR of Damodar & Subarnarekha River through forestry intervention	27 March 2023	19 participants including DFO, Range Officers and other front-line staff of Jamtara, Forest Division

### ICFRE-Rain Forest Research Institute, Jorhat

18.	Floriculture and Plantation Management of Fruits plant in Agroforestry Homegarden	10 to 11 March 2023	8 Farmers of Namsai district, AP
19.	Bamboo Shoot Processing and Value Addition	13 to 15 March 2023	25 Inmates of Observation Home, Lichubari, Jorhat, Assam

### ICFRE-Tropical Rain Forest Institute, Jabalpur

20.	Agroforestry Models for Maharashtra region	10 March 2023	85 SFDs Officials Forest officials of Maharashtra
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Training on Bamboo Shoot Processing and Value Addition, Lichubari Assam



Training on Agroforestry Models for Maharashtra region

### ICFRE- Forest Research Center for Livelihood Extension, Agartala

21.	Nursery Management and Low Cost vermicomposting	14 March 2023	20 Farmers from Kalashi, Das para, North Hicha chara, Daluchara village of South Tripura district
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22. Skill Development on Bamboo Utility Products 16 to 18 March 2023 22 Artisans of West Tripura district

**ICFRE- Skill Development Centre, Chhindwara**

23. Method for preparation of Organic Manure 10 March 2023 27 Farmers from Maniyakhapa, Chhindwara



Skill Development training on Bamboo Utility Products, West Tripura district



Training on Method for preparation of Organic Manure, Chhindwara

**Activities under Van Vigyan Kendras**

- ICFRE-BRC, Aizawl, Mizoram organized one week Training on Bamboo and Rattan based value added product development under Van Vigyan Kendra (VVK) from 13 to 17 March 2023. 40 members of Chite Veng Bamboo Cluster and Zemabawk Bamboo Cluster of Aizawl District participated in the training programme.
- ICFRE-IFP, Ranchi in collaboration with Krishi Vigyan Kendra, Balumath, Latehar organized a training programme on Lac production & Processing on the occasion of World Forestry Day on 21 March 2023. Around 45 participants including the Chief Guest of the programme Dr. Sumita Kandian, Head of KVK, Balumath, Latehar, Mr. Surendra Kumar, BPO, Chandwa, Mr. Shaheed Azam, FTC, JOHAR participated in the event.



ICFRE-BRC, Aizawl, Mizoram organized training on Bamboo and Rattan based value added product development



ICFRE-IFP, Ranchi in collaboration with KVK, Balumath, Latehar organized a training programme on Lac production & Processing





- ICFRE-IFP, Ranchi's Research Station ERS and VVK, Sukna, Darjeeling organized a training programme on Non-Timber Forest Produce Collection and Value addition on 28 March 2023. A lecture on Methods of collection of different NTFPs was also delivered. 43 participants were present in the training programme.



ICFRE-IFP, Ranchi's Research Station ERS and VVK, Sukna, Darjeeling organized a training programme on Non-Timber Forest Produce Collection and Value addition

- ICFRE-IFP, Ranchi's research station ERS and VVK, Sukna, Darjeeling organized a training programme on Production of *Cinnamomum tamala* and its value addition on 29 March 2023 at Nepania, Block: Mirik, Darjeeling, West Bengal. A lecture on methods of collection and cultivation of Tejapata was delivered. 40 participants were present in the training programme.



ICFRE-IFP, Ranchi's research station ERS and VVK, Sukna, Darjeeling organized a training programme on Production of *Cinnamomum tamala* and its value addition

## Memorandum of Understanding

- A MoU was signed between ICFRE-FRI, Dehradun and Uttar Pradesh Forest Department on Genetic improvements of *Azadirachta indica* to develop dwarf genotypes and neem products with enriched active constituents in Kanpur, Lucknow on 2 March 2023.



MoU was signed between ICFRE-FRI, Dehradun and Uttar Pradesh Forest Department on Genetic improvements of *Azadirachta indica*

- ICFRE-RFRI has signed an MoU on 3 March 2023 with Assam Forest Department for executing third party monitoring work of the activities carried out by State Forest Department, Assam under CAMPA during 2019-20 and 2020-21.
- An MoU was signed between the ICFRE-IFB, Hyderabad and ICFAI Law School, IFHE, Hyderabad to collaborate in applied research programmes, capacity building and knowledge sharing on forests, biodiversity conservation, ecosystem, climate change vulnerability, climate change mitigation and adaptation, and livelihood of forest dependent communities on 24 March 2023.

## Prakriti Programme

### ICFRE-Forest Research Institute, Dehradun

ICFRE-FRI, Dehradun organized a painting and slogan writing competition on the theme Forests and Health and Importance of Forests in Human Life to celebrate International Day of Forests on 21 March 2023. 125 students from 12 schools of Kendriya Vidyalaya (KV) and Jawahar Navodaya Vidyalaya (JNV), Dehradun participated in the programme Prakriti.



**ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore**

- 83 students from Zion Nursery & Primary School, Coimbatore, Suguna College of Arts & Science, Coimbatore and Busy Butterflies Play School, Coimbatore visited Gass Forest Museum of ICFRE-IFGTB on 2 March 2023 and a talk was delivered on Ozone Depletion.
- 199 students from Velammal Bodhi Campus, Coimbatore and Nehru Arts and Science College participated in the Prakriti programme on 7 March 2023 and a talk was also delivered on Pollution and its Effect.
- International Day of Forests 2023 was celebrated on 21 March 2023 at Gass Forest Museum premises of ICFRE-IFGTB by organizing Tree Sapling Planting Programme followed by lectures under the theme Forest and Health. 23 students with one faculty member from Dr. G. R. Damodaran College of Science, Coimbatore participated in the programme.



ICFRE-IFGTB, Coimbatore celebrated International Day of Forests 2023 by organizing Tree Sapling Planting Programme followed by lectures under the theme Forest and Health

**ICFRE-Institute of Wood Science and Technology, Bengaluru**

- 17 M.Sc., 1<sup>st</sup> year students with faculty of Environmental Science and Sustainability from St. Joseph's University, Bangalore visited TC lab, xylarium, wood workshop, Advanced

Woodworking training Centre at ICFRE-IWST, Bangalore on 3 March 2023.

- 32 B.Sc., students with faculty from College of Forestry, Trissur, Kerala Agricultural University, visited Xylarium, Wood Workshop, Advanced Woodworking Training Centre at ICFRE-IWST, Bangalore on 17 March 2023.



B.Sc., students with faculty from Kerala Agricultural University, College of Forestry, Trissur, Kerala visited ICFRE-IWST, Bengaluru

**Awareness and Demonstration Programme****ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore**

- 36 students from Velammal Bodhi Campus, Coimbatore, Nehru Arts & Science College, Coimbatore visited Gass Forest Museum of ICFRE-IFGTB on 7 March 2023.
- 20 M.Sc (Forestry) students from College of Forestry, Ponnampet, Karnataka visited ICFRE-IFGTB on 7 March 2023. Lectures on Tree Improvement, Bioprospecting, Forest Genetics Resources and Precision Silviculture were delivered to the students.



M.Sc (Forestry) students from College of Forestry, Ponnampet, Karnataka visited ICFRE-IFGTB, Coimbatore



- 17 students from College of Forestry, Ponnampet, Kodagu, Karnataka visited Gass Forest Museum of ICFRE-IFGTB, Coimbatore on 8 March 2023.



Students from College of Forestry, Ponnampet, Kodagu, Karnataka visited Gass Forest Museum of ICFRE-IFGTB, Coimbatore

- 57 FRO trainees from Odisha Forest Rangers College, Angul, visited ICFRE-IFGTB, Coimbatore on 14 March 2023 and were also briefed about the ICFRE-IFGTB, Coimbatore research activities.
- 36 students of Botany from PSG College of Arts & Science, Coimbatore visited ICFRE-IFGTB on 30 March 2023 and were briefed about various research and extension activities of the institute.



Students of Botany from PSG College of Arts & Science, Coimbatore visited ICFRE-IFGTB, Coimbatore

- 58 B.Sc (Biotechnology) students from Achariya Arts and Science College, Villianur, Puducherry U.T. visited ICFRE-IFGTB, Coimbatore on 31 March 2023.



B.Sc (Biotechnology) students from Achariya Arts and Science College, Villianur, Puducherry U.T. visited ICFRE-IFGTB, Coimbatore

### ICFRE-Arid Forest Research Institute, Jodhpur

34 RFO Trainees (7<sup>th</sup> batch) along with faculties from Karnataka Forest Academy, Dharward, Karnataka visited ICFRE-AFRI, Jodhpur on 3 March 2023 and were explained about research activities of the institute. A Short movie on ICFRE-AFRI was also shown and Extension material given to trainees and faculties.

### ICFRE-Rain Forest Research Institute, Jorhat

Five students from Joyasagar College, Sivasagar, Assam, 38 Trainees from Assam Forest Guard School, Makum, Assam and 15 Bamboo Artisans from Ankur Bah Shilpa Udyog, Kukrapohi Augiri Gaon, Jorhat participated in ICFRE-RFRI, Jorhat's Research and development activities, Bamboo Cultivation, Propagation, Nursery Management, Value addition & Bamboo Preservation Techniques, Biotechnology and Tissue Culture, VPI Unit, Banh Bithika, Lac Cultivation, Botanical Garden, Orchidarium, Vermicomposting etc on 14, 30 and 31 March 2023.



Trainees from Assam Forest Guard School, Makum, Assam participated in various Research and development activities of RFRI, Jorhat



**ICFRE-Institute of Wood Science and Technology, Bengaluru**

ICFRE-IWST, Bengaluru and Field Station Kolkata organized district level awareness programme on earthquake resistance bamboo housing system and bamboo polymer composite in collaboration with State Bamboo Development Agency and District Industries Centre, Govt. of Assam from 14 to 17 March 2023. Artisans of Bamboo Cluster Society, Raipur, Officials from DIC, Barpeta, Assam, Bamboo artisans, entrepreneurs, students, architects of Mangaldoi, District-Darrang, Assam, PWD Officials, architects, engineers, Civil Engineering students from Tezpur University, artisans from different bamboo clusters Tezpur, officials from State Bamboo Development Agency, Guwahati, Assam participated in the programme.

**ICFRE-Tropical Forest Research Institute, Jabalpur**

Demonstrated bamboo based agroforestry system established in the farmers field, Patan to the team of NABARD officials headed by Shri Pankaj Yadav, General Manager, NABARD, Bhopal along with Shri A. Verma, DDM, Bhopal on 3 March 2023.



ICFRE-TFRI, Jabalpur demonstrated bamboo based agroforestry system established in the farmers field, Patan to the team of NABARD officials

**ICFRE-Institute of Forest Productivity, Ranchi**

12 students of B. Voc (Herbal Resource Technology) Faculty of Forestry, BAU, Ranchi visited ICFRE-IFP, Ranchi on 20 March 2023 as exposure visit of Molecular, Biotechnology, Tissue Culture, Soil Laboratory and also visited Bambusetum Nursery and Mangrove Garden.

**ICFRE- Livelihood Extension Centre, Agartala**

15 members from Latin America, Brazil and UK visited ICFRE-LEC, Agartala on 18 March 2023.



15 members from Latin America, Brazil and UK visited ICFRE-LEC, Agartala

**Miscellaneous**

- ICFRE-HFRI, Shimla conducted Hindi Workshop on 15 March 2023. Scientists, officers, staff and research scholars participated in the workshop.
- ICFRE-RFRI, Jorhat conducted two cleanliness drives in the Campus on 17 and 31 March 2023.

**Popularizing Forestry through All India Radio/Doordarshan**

Programme Topic	Channel	Date
<b>ICFRE- Forest Research Institute, Dehradun</b>		
Bacteria: Their role as bio-fertilizer in forestry — Dr. Vipin Prakash, Scientist- 'F', Forest Protection Division	Akashwani Kendra, Dehradun 100.5 MHZ programme Krishi Jagat	3 March 2023

Utilization and value addition of wild weeds – Dr. Praveen Uniyal, CTO, Chemistry and Bio prospecting Division	Akashwani Kendra, Dehradun 100.5 MHZ programme Krishi Jagat	3 March 2023
Role of medicinal plants in livelihood generation – Mr. Sushil Bhattarai, CTO, Chemistry and Bio prospecting Division	Akashwani Kendra, Dehradun 100.5 MHZ programme Krishi Jagat	3 March 2023
Sustainable use of Bhimal ( <i>Grewia Optiva</i> ) – Dr. Devendra Kumar, Scientist-E, Extension Division	Akashwani Kendra, Dehradun 100.5 MHZ programme Krishi Jagat	10 March 2023

**ICFRE- Himalayan Forest Research Institute, Shimla**

International Forestry day	Doordarshan	21 March 2023
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**ICFRE- Institute of Forest Productivity, Ranchi**

Development of protected forest area – Dr. Yogeshwar Mishra, Director, ICFRE-IFP, Ranchi	Doordarshan, Ranchi	9 March 2023
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**Days Celebrated**

- ICFRE-IWST, Bengaluru celebrated World Wildlife day on 3 March 2023. A movie Wild Karnataka showcasing rich wildlife diversity of Karnataka was screened at lecture hall of ICFRE-IWST, Bengaluru. Dr. M.P. Singh, IFS, Director, Officers, Scientists, staff and students participated in the programme.

- ICFRE-IWST, Bengaluru, ICFRE-IFGTB, Coimbatore, ICFRE-HFRI, Shimla celebrated International Women's Day 2023 on 8 March 2023.



ICFRE-IWST, Bengaluru celebrated World Wildlife day



ICFRE-IWST, Bengaluru and ICFRE-IFGTB, Coimbatore celebrated International Women's Day 2023



- ICFRE-FRI, Dehradun celebrated International Day of Forests on 21 March 2023. A lecture on Historical Land Uses and Biodiversity was delivered on the occasion. 510 participants including probationers from IGnFA & CASFOS, Scientists of ICFRE-FRI, students of KV's and FRIDU were attended the programme.
- ICFRE-TFRI, Jabalpur celebrated International Day of Forests with Children of Govt. Primary School, Neemkhedaon village on 21 March 2023.



ICFRE-FRI, Dehradun celebrated International Day of Forests



ICFRE-TFRI, Jabalpur celebrated International Day of Forests

## HR News

### Retirements

#### Name of Officer

#### Date

Smt. Jonaki Kachari, STO,  
ICFRE-RFRI, Jorhat

31 March 2023

#### Patron:

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

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