

Indian Council of Forestry Research and Education

Variety Release Committee Meeting

Two varieties of Picrorhiza kurroa (HFRI-PK-1 and HFRI-PK-2); 02 varieties of Valeriana jatamansi (HFRI-VJ-1 and HFRI-VJ-2); and 01 variety of Sinopodophyllum hexandrum (HFRI-SH 1) were released at ICFRE-IFGTB, Coimbatore by Variety Releasing Committee (VRC) of ICFRE, Dehradun on 1 September 2023 under the Chairmanship of Sh. Chandra Prakash Goyal, IFS, DGF & Special Secretary, MoEF&CC, New Delhi and Co-Chairmanship of Sh. Arun Singh Rawat, IFS, DG, ICFRE, Dehradun.



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September 2023

PG No.

ICFRE NEWSLETTER

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Lifestyle for Activities performed under Mission LiFE

ICFRE-Institute of Forest Productivity, Ranchi

Celebrated World Bamboo Day under the theme Use of Bamboo for livelihood enhancement on 18 September 2023. 36 farmers from Gumla, Khunti, Latehar and Simdega districts participated in the programme.



ICFRE-IFP, Ranchi celebrated World Bamboo Day

ICFRE-Himalayan Forest Research Institute, Shimla

- Organized a programme on Forest and Environment Conservation on 8 September 2023. 50 students and farmers from Shankoo, Kargil participated in the programme.
- Delivered a lecture on Nanofungicides: Green Synthesis and • Applications in Plant Disease Management on 21 September 2023. 25 students from Government Girls Senior Secondary School, Lakkar Bazar, Shimla participated in the programme.

ICFRE-Arid Forest Research Institute, Jodhpur

Delivered a lecture on Conservation of Water at Kendriya Vidyalaya No.1 (AFS) Jodhpur on 14 September 2023. 48 students of Class 12th of Science stream participated in the programme.

Significant Research Findings

ICFRE-Forest Research Institute, Dehradun

 About 60 gall infested plants of Ageratina adenophora were collected and 40 of them were kept for rearing of Stem Gall fly *Procecidochares utilis* in cage, in which 04 female & 02 male gall flies emerged and parasitoids (05 Braconids+01 Pteromalid) died and were also recovered by dissecting the unemerged galls.

ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore

 New microsatellite DNA markers were developed from the transcriptome sequences generated from *Mytrogyna parvifolia* for genetic diversity studies.

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:

Reports Submitted:

- Final Environmental Audit reports of Dinesh, Mugoli, Sasti OCPs of WCL and Cluster–IV mines, Jharia Coalfields Dhanbad of BCCL submitted to Coal India Limited (CIL), Kolkata.
- Final Audit Report of Manuguru Expansion OCP, PadmavathiKhani (PVK)-5 UG Mine Project, Ramagundam Opencast-III Expansion-II OC SCCL submitted to SCCL, Telangana.

ICFRE Observations Submitted:

- Final R&R Plan of Sachidananda Iron Ore Mine (ML No. 2451) of M/s. Udayshivakumar Infra Ltd. (Erstwhile ML of M/s. Ramgad Minerals & Mining Pvt. Ltd. sub to CEC, New Delhi
- ICFRE observation on the proposed enhancement of production capacity in respect of Bhomman Iron Ore Mine (ML. No. 0014) of M/s. JSW Steel Ltd. [Ref.: CEC letter No. 2 75/CEC/SC/2015-Pt XII dated 10.04.2023] sub to CEC, New Delhi.
- ICFRE observation on enhancement of production capacity of Ramanadurga Iron Ore Mine (RIOM) (ML No. 2141) of M/s. Kumaraswamy Mineral Exports Pvt. Ltd. (SKME) [Ref.: CEC letter no. 2-75/CEC/SC/2015-Pt. XII dated 23.08.2023] sub to CEC, New Delhi.

- ICFRE Observation on enhancement of production capacity of S.A. Thwab Iron Ore Mine (ML No. 2488) of M/s. S.A. Thwab & Company [Ref.: CEC letter No. 2-75/CEC/SC/2015-Pt. XII dated 18.08.2023] sub to CEC, New Delhi.
- ICFRE observation on enhancement of production capacity of Iron ore mine (ML No. 2678) of M/s. The Sandur Manganese & Iron Ore Ltd. [Ref.: CEC letter no. 2-75/CEC/SC/2015-Pt. XII dated 01.08.2023] sub to CEC, New Delhi.

Participation in Exhibition/Kisan Sammelan

 ICFRE-AFRI, Jodhpur participated in Kisan Sammelan and Tree Distribution Programme organized by Raghukul Foundation and Neelansh Agro industries at Charkada (nokha) Bikaner on 1 September 2023. Pamphlets and extension materials were also distributed to the farmers during the programme.



ICFRE-AFRI, Jodhpur participated in Kisan Sammelan and Tree Distribution Programme

 ICFRE-IWST, Benglauru showcased wood and bamboo products at Material and Technology Conclave part of the Matecia Building Material Exhibition at Pragati Maidan Delhi from 22 to 24 September 2023. The faculties from Impact School of Architectures, Wood experts from India and neighbouring countries participated in the programme.



ICFRE-IWST, Benglauru showcased wood and bamboo products

Workshop/Webinar/Seminars/Meeting

Indian Council of Forestry Research and Education, Dehradun			
1.	Workshop on Sustainable Land Management for Combating Degradation & Collaborative Development of Training Modules	11 to 12 September 2023	20 Scientists representing ICAR and ICFRE institutes
2.	Workshop on Carbon Credits and Accredited Compensatory Afforestation under Changing Legal Scenario	26 September 2023	1000+ participants including SFDs NGOs, scientists, industries, academia, and policy makers

ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore

- 3. Seminar on Basics of Molecular Biology and Biochemistry
- 7 and 8 September 2023

25 students of XI and XII standard biology of Corporation Girls Higher Secondary School



ICFRE, Dehradun conducted Workshop on Sustainable Land Management for Combating Degradation & Collaborative Development of Training Modules



and Biochemistry

4.

Workshop on Conservation Assessment, Management and Prioritization for selected plant species of Tamil Nadu 26 and 27 September 2023

75 participants including scientists, professors, researchers and Forest department officials

ICFRE-Forest Research Institute, Dehradun

5. Webinar on Recent Trends and Challenges in Indian Paper Industry 21 September 2023

82 participants from research institutes and paper made industries

6.	Meeting on Research needs of Forestry in state of Andhra Pradesh	12 September 2023	40 participants including Director ICFRE-IWST and PCCF (HoFF), AP
7.	Workshop on National working plan code 2023	14 September 2023	Senior officers, field officials from Karnataka Forest Department Regional office MoEF&CC Bengaluru, Forest survey of India Bengaluru and scientists from Karnataka State Remote sensing agency
8.	Workshop on Agroforestry promotion present policies and changes in FCA	15 September 2023	85 participants
9.	Research Advisory Group meeting	26 September 2023	RAG members, senior officers from Karnataka, Andhra Pradesh and Goa and Scientists

ICFRE-Institute of Wood Science and Technology, Bengaluru



Andhra Pradesh

ICFRE-IWST, Bengaluru conducted a Research Advisory Group meeting

ICFRE-Himalayan Forest Research Institute, Shimla

10. Monthly Research Seminar on Carbon Dynamics in Forest Ecosystem under the theme Biodiversity Conservation and **Ecological Security**

27 September 2023

45 participants including Scientists, Technical staff and Research staff





ICFRE-IFB, Hyderabad conducted workshop on Striking Balance between Conservation and Development in LWE Areas

FEELEP Banchi conductad Basearch Advisory Group (BAG) meeting on Basearch

ICFRE-IFP, Ranchi conducted Research Advisory Group (RAG) meeting on Research related activities

ICFRE-Arid Forest Research Institute, Jodhpur

- 14. Workshop on Conservation Assessment and Management Plan (CAMP)
- 5 to 6 September 2023

Dr. S. S. Katewa, Retd. Professor, M.L. Sukhadia University, Udaipur, Sh. Satish Kumar Sharma, Retd. Forest Officer, RFD, Director, Scientists, Jodhpur and staff members of ICFRE-AFRI, Jodhpur

15. Research Advisory Group (RAG) meeting

27 September 2023

RAG members, Scientists and staff members of ICFRE-AFRI, Jodhpur



ICFRE-AFRI, Jodhpur conducted Research Advisory Group (RAG) meeting

Training Programme

ICFRE-Forest Research Institute, Dehradun

- 1. Nursery Technology and Agroforestry for Land Management
- 11 to 17 September 2023

30 graduate students of college of Agriculture, Bawal, Choudhary Charan Singh Haryana Agricultural University, Hisar (Haryana)

- 2. Role of Agroforestry in Land Management
- 25 to 29 September 2023

12 IFS officers from the different parts of country



Training on Nursery Technology and Agroforestry for Land Management



Training on Role of Agroforestry in Land Management

ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore

3. Vegetative Propagation Techniques of Forestry Tree Species

4.

4 to 6 September 2023 29 officials (22 RFO, 6 DFO and one ACF) from Maharashtra Forest Department

Forest Genetic Resource Management and Tree Improvement 11 to 15 September 2023 26 IFS officers at the level of PCCF, Addl. Principal Chief Conservator of Forests, Chief Conservator of Forests, Conservator of Forests and Divisional Forest Officers from 16 states and AGMUT cadre



Training on Vegetative Propagation Techniques of Forestry Tree Species

ICFRE-Himalayan Forest Research Institute, Shimla

5.	Forestry for productivity Enhancement and Livelihood	10 September 2023	40 Front Line Staff of Lahaul Forest Division
6.	Nursery and plantation techniques of <i>Juniperus polycarpos</i> and Cultivation of Important Cold Desert Medicinal Plants for Increasing Income of Villagers	12 September 2023	40 participants including Stakeholders viz., Government teachers, Frontline staff of Forest Department and NGOs

7.

Insect Pest management in Forest nurseries, Plantation and Natural Forests

18 to 22 September 2023

12 IFS Officers from 9 states across the country

ICFRE- Rain Forest Research Institute, Jorhat

8.

- Plantation Management, Propagation Techniques, Preservation treatments of Bamboo, Bamboo Charcoal Making and Bamboo Handicraft
- 1 to 11 September 2023

10 participants including farmers and artisans from Odisha



Training on Insect Pest management in Forest nurseries, Plantation and Natural Forests



Training on Plantation Management, Propagation Techniques, Preservation treatments of Bamboo, Bamboo Charcoal Making and Bamboo Handicraft

ICFRE-Institute of Wood Science and Technology, Bengaluru

- 9.
- Sandalwood farming and management of its Health
- 11 to 15 September 2023

35 farmers from different states

- 10. Plywood resin manufacturing and adhesive formulations
- 11 to 15 September 2023
- 11 participants



Training on Sandalwood farming and management of its Health



Training on Plywood resin manufacturing and adhesive formulations

		ICFI	RE NEWSLETTER 2023	
11.	Plywood Manufacturing Technology	11 to 15 September 2023	7 participants	
ICFRE-Institute of Forest Biodiversity, Hyderabad				
12.	Conservation and Sustainable Management of Biological Diversity	12 to 14 September 2023	30 personnel	
13.	Conservation of NTFP & their Sustainable Utilization	25 to 27 September 2023	31 participants	
	ICFRE-Tropical Forest Research Institute, Jabalpur			
14.	Propagation and Hi- Tech Nursery Techniques	4 to 9 September 2023	15 frontline officials of Chhattisgarh Forest Department	
15.	Vermi-Compost and plantation of <i>Melia</i> dubia	20 September 2023	Farmers and SFDs	



Training on Conservation of NTFP & their Sustainable Utilization



Training on Propagation and Hi- Tech Nursery Techniques

ICFRE-Livelihood Extension Centre, Agartala

16.

Bamboo propagation and nursery management

4 September 2023

22 SHGs members from South Tripura and West Tripura districts

Memorandum of Understanding

 An MoU was signed between ICFRE-IWST, Bengaluru and St. Joseph's University, Bengaluru on 7 September 2023 to promote joint research and development activities.



MoU signed between ICFRE-IWST, Bengaluru and St. Joseph's University, Bengaluru

- An MoU was signed between ICFRE-IFB, Hyderabad and Dr. Reddys Foundation, Hyderabad on 7 September 2023 for Rehabilitation of Mangroves as soft barriers against sea level rise in the North Coastal Andhra Pradesh while maintaining the ecological balance and sustainability of socioeconomic activities.
- An MoU was signed between ICFRE-IFB, Hyderabad and Dharmavana Nature Ark (DNA) situated in northeast of Hyderabad in Yadadri-Bhuvanagiri District of Telangana on 29 September 2023 regarding Research and Extension activities of the institute.



MoU signed between ICFRE-IFB, Hyderabad and Dharmavana Nature Ark (DNA) situated in northeast of Hyderabad in Yadadri-Bhuvanagiri District of Telangana

Activities under Van Vigyan Kendras

 ICFRE-CEC, Vishkapatanam conducted a training programme on Plant Identification of Mahua (*Madhuca longifolia*) with special focus on its traditional, medicinal and nutritional uses on 14 September 2023. 55 forest staff members participated in the programme.

Prakriti Programme

ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore

 About 608 students from Nirmalamatha Convent Matriculation Higher Secondary School, Coimbatore, Nava Bharat National School, Coimbatore, Corporation, Higher Secondary School Coimbatore, Government Higher Secondary School, Chettipalayam and Sri Gopal Naidu Higher Secondary School, Coimbatore visited ICFRE-IFGTB, Coimbatore on 26, 27 and 29 September 2023 and awareness lectures on Rain water Harvesting and Urban Forest were also delivered to the students.



Students from various schools of Coimbatore visited ICFRE-IFGTB, Coimbatore

ICFRE-Institute of Wood Science and Technology, Bengaluru

 81 students of grade X along with 02 teachers from Triveni School, Hesarghatta Road, Bengaluru visited Tissue culture Lab, Plant Nursery, Wood Museum, Wood Workshop and Advanced Woodworking Training Centre at ICFRE-IWST, Bengaluru on 8 September 2023.



Bengaluru visited ICFRE-IWST, Bengaluru

 30 Students of Architecture along with faculty members from Impact School of Architecture, Bengaluru visited ICFRE-IWST, Bengaluru on 21 September 2023.

ICFRE-Himalayan Forest Research Institute, Shimla

 Conducted a plantation drive (medicinal herbs) under the theme Meri Mati Mera Desh with the help of Eco Club and NSS Unit of the School in which more than 50 Students of Government Senior Secondary School at Narkanda, Shimla participated and planted 450 number of medicinal plants viz. *Valeriana jatamansi, Angelica glauca, Thymus serphyllum* (100) and *Bergenia ciliata* (100) on 1 September 2023.



Students of Government Senior Secondary School at Narkanda, Shimla planted various types of medicinal plants

 Organized a progamme on environment and medicinal plants conservation for 82 students of Government Girls Senior Secondary School, Leh, Ladakh on 11 September 2023.

ICFRE-Rain Forest Research Institute, Jorhat

Organized Research and development activities on Bamboo Cultivation, Propagation, Nursery Management, Value addition & bamboo preservation techniques, Biotechnology and Tissue Culture, VPI Unit, Banh Bithika, Lac Cultivation, Botanical Garden, Orchidarium and Vermicomposting on 25 September 2023 for 07 Students along with 03 teachers from Delhi Public School, Jorhat and 45 students along with 04 teachers from 03 schools of Jorhat, namely, JNV, Jorhat, Mihiram Saikia High School, Titabar and Borhola High School, Borhola.



Students along with teachers from various schools visited ICFRE-RFRI, Jorhat

ICFRE - Coastal Ecosystem Centre Visakhapatnam

 Organized Prakriti progamme for 60 students including teachers of Kendriya Vidyalaya Sangathan (KVS), Jharsuguda, Odisha on 13 September 2023 and 300 students including teachers of Jawahar Navodaya Vidyalaya (JNV), Jharsuguda, Odisha on 13 and 15 September 2023 respectively.

Awareness and Demonstration Programme

ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore

- 30 officials from Maharashtra Forest Department, 34 students from PSG institute of Architecture, Coimbatore and 196 students from Nehru College of Arts and Sciences & Avinashilingam Deemed University, Coimbatore visited Gass Forest Museum of ICFRE-IFGTB, Coimbatore on 5, 13 and 15 September 2023 respectively.
- 26 Botany students from S.T. Hindu College, Nagercoil and 16 Students from Providence College for Women, Coonoor visited ICFRE-IFGTB, Coimbatore on 14 September 2023 and on 27 September 2023 respectively and the research activities of the institute were explained to them.

ICFRE-Rain Forest Research Institute, Jorhat

 Organized Research and development activities on Bamboo Cultivation, Propagation, Nursery Management, Value addition & bamboo preservation techniques, Biotechnology and Tissue Culture, VPI Unit, Banh Bithika, Lac Cultivation, Botanical Garden, Orchidarium and Vermicomposting on 29 September 2023 for 31 Forest Range Officers (Trainees) from Odisha Forest Rangers College, Angul, Odisha.



Forest Range Officers (Trainees) from Odisha Forest Rangers College, Angul, Odisha visited ICFRE-RFRI, Jorhat

ICFRE-Institute of Wood Science and Technology, Bengaluru

 24 students of Artisan wood work and 04 Instructors from Madras Engineering Group (MEG) Shivanchetty Garden, Bengaluru visited ICFRE-IWST, Bengaluru on 7 September 2023.

ICFRE-Institute of Forest Biodiversity, Hyderabad

 34 students along with 04 faculty members from Government Arts College, Krishnagiri, Tamil Nadu visited ICFRE-IFB, Hyderabad on 21 September 2023.



Students along with faculty members from Government Arts College, Krishnagiri, Tamil Nadu visited ICFRE-IFB, Hyderabad

ICFRE- Tropical Forest Research Institute, Jabalpur

 Demonstrated ICFRE-TFRI technologies displayed in the museum cum interpretation centre of the Institute to the 14 Frontline staff of Chhattisgarh State Forest Department on 8 September 2023.

Visit to Institutes

 A delegation from Forest Economy Research Institute, Tokyo, Japan visited ICFRE-IWST, Bengaluru to discuss about the possibilities of collaboration and cooperation in the field of wood utilization on 14 September 2023.



A delegation from Forest Economy Research Institute, Tokyo, Japan visited ICFRE-IWST, Bengaluru



- Dr. Bipul Kumar Saikia, Scientist from Centre for Plasma Physics, Sonapur, Guwahati visited ICFRE-RFRI, Jorhat on 4 September 2023.
- 48 IFS trainees from Indira Gandhi National Forest Academy, Dehradun visited ICFRE-AFRI, Jodhpur on 7 September 2023 and were explained about the research work of the institute and also a documentary film on Khadin was also shown to the trainees.



IFS trainees from Indira Gandhi National Forest Academy, Dehradun visited ICFRE-AFRI, Jodhpur

Rajbhasha Activities

- Sri Sudeep Nayak, IFS, Mission Director, Odisha Bamboo Development Agency, Govt. of Odisha visited ICFRE-RFRI, Jorhat on 8 September 2023.
- 46 IFS Probationer Officers 54th RR (2022-24) Indira Gandhi National Forest Academy, Dehradun visited ICFRE-AFRI, Jodhpur on 15 September 2023 and were explained about the research work of the institute.



IFS Probationer Officers 54th RR (2022-24) Indira Gandhi National Forest Academy, Dehradun visited ICFRE-AFRI

• Hindi Pakhwada was celebrated by ICFRE, Dehradun and institutes from 14 to 29 September 2023.



ICFRE-RFRI, Jorhat conducted a Hindi Workshop under the • theme Noting and Drafting on 29 September 2023 in which employees of the institute were were informed in detail about file management, Hindi noting, importance of noting in the file, and different types of noting.



Miscellaneous

- ICFRE-IFB, Hyderabad conducted Swachh Bharat Abhiyan on 8 September 2023 and the office premises were cleaned.
- ICFRE-HFRI, Shimla celebrated Himalayan Day on 9 September 2023. All the participants took an oath to save the Himalayas.
- ICFRE-IFGTB, Coimbatore celebrated World Ozone Day on 15 September 2023. The main aim of these events was to raise awareness about the significance of ozone layer among students and the general public.
- ICFRE-HFRI, Shimla conducted Swachtta Abhiyan on 21 September 2023. All the staff members of the institute participated in the programme.
- ICFRE-CEC, Vishkapatanam conducted Swachh Bharat Abhiyan on 22 September 2023. All the employees of the institute participated in the programme and office premises were cleaned.
- ICFRE-RFRI, Jorhat conducted cleanliness drives in every week of September in the Campus. 25 employees of the institute participated in the drive.

HR News

Retirement

Name of Officer

Sh. Arun Singh Rawat, IFS (HJK:1986), DG, ICFRE, Dehradun

Date 30.09.2023

Appointments on Deputation	
Name of Officer	Date
Dr. Amit Pandey, Scientist-'G', Director,	04.09.2023
ICFRE-IFP, Ranchi	
Dr. H.S. Ginwal, Scientist-'G', Director,	04.09.2023
ICFRE-TFRI, Jabalpur	
Sh. Kuldeep Sharma, IFS (AGMUT:2009), CF,	04.09.2023
ICFRE-HFRI, Shimla	05 00 0000
Sh. Nitin Kulkarni, Scientist-'G', Director, ICFRE-RFRI, Jorhat	05.09.2023
Sh. Neeraj Kumar Gupta, Section Officer,	13.09.2023
ICFRE-FRI, Dehradun	10.00.2020
Dr. Vinay Kumar, IFS (TG: 1992), Director (IC)	20.09.2023
Repatriation	
Name of Officer	Date
Sh. Rakesh Kumar Dogra, IFS (TN:91),	25.09.2023
DDG (Admin), ICFRE, Dehradun	
Transfer	
Name of Officer	Date
Sh. R. Ezhumalai, Scientist-'E' from ICFRE-FRI to ICFRE-IWST, Bengaluru	19.09.2023
Sh. Maheshwar T. Hegde, Scientist-'F' from	19.09.2023
ICFRE-AFRI to ICFRE-IWST, Bengaluru	
Sh. Ajay Kumar, Scientist-'D' from ICFRE-RFRI to	19.09.2023
ICFRE (HQ), Dehradun	
Sh. V. Soundarajan, Scientist-'C' from ICFRE-IWST	19.09.2023
to ICFRE-TFRI, Jabalpur	
Sh. Ajin Sekhar, Scientist-'B' from ICFRE-TFRI to	21.09.2023
ICFRE (HQ), Dehradun Sh. Sumantra Basu, Scientist-'B' from ICFRE-AFRI	21.09.2023
to ICFRE-FRI, Dehradun	21.09.2023
Promotion	
Name of Officer	Date
Sh. Ashutosh Kumar Pandey, ICFRE-IFP, Ranchi	12.09.2023

Sh. Ashutosh Kumar Pandey, ICFRE-IFP, Ranchi	12.09.2023
Smt. T. Vijayakumari, ICFRE-IWST, Bengaluru	12.09.2023
Sh. Navneet Kumar, ICFRE-FRI, Dehradun	12.09.2023

Patron:

Shri Bharat Jyoti, IFS, Director General, ICFRE, Dehradun

Editorial Board:

- Dr. Sudhir Kumar, DDG(Extn.), Chairman
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- Dr. Vishwajeet Sharma, STO, (M&Extn.), Member

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