

NEWS LETTER





Inauguration of Ek_ Ped_ Maa_ Ke_ Naam campaign

As part of the Ek_Ped_Maa_ke_Naam campaign, Hon'ble Minister of Environment, Forest, and Climate Change Sh. Bhupender Yadav inaugurated the "মানু বন" on 21st June 2024, in the presence of Smt. Kanchan Devi, IFS, DG, ICFRE, Sh. Jitender Kumar, DGF&SS, Dr. Renu Singh, Director FRI, Senior officials, Scientists, CASFoS trainees, and FRI University students and carried out plantation of Rudraksha Tree in ICFRE-FRI, Dehradun campus.



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Inauguration of Ek_Ped_Maa_Ke_Naam Campaign by Hon'ble Minister of Environment, Forest and Climate Change Sh. Bhupender Yadav

World Environment Day

• World Environment Day celebrated on 5th June 2024 by ICFRE institutes and centres.



















International Yoga Day

• International Day of YOGA celebrated on 21st June 2024 by ICFRE institutes and centres.



















World Day to Combat Desertification and Drought

World Day to Combat Desertification and Drought celebrated on 17th June 2024 by ICFRE institutes and centres.



















Mission Life

Activities on Ek_Ped_Maa_ke_Naam conducted by ICFRE institutes and centres.



















Significant Research Finding

ICFRE- Rain Forest Research Institute, Jorhat

 160 students along with teachers from Satai Bagan Lower Primary School, Hatigarh Meteli Medhi Lower Primary School and Tirikunia Nadipar Lower Primary School visited ICFRE-RFRI, Jorhat on 7th, 11th and 12th June 2024. They were made aware about importance of Mission LiFE Programme and encouraged to adopt sustainable LiFE style for environmental protection and preservation.



Group of 160 students visited ICFRE-RFRI, Jorhat

ICFRE-Himalayan Forest Research Institute, Shimla

 ICFRE-HFRI, Shimla organized a training programme on "Cultivation and Conservation of Medicinal Plants" on 13th June 2024 at Chuchol, Leh, Ladhak. 35 participants including farmers, members of youth club and Mahila Mandal participating in the programme. They were made aware about importance of Mission LiFE.



Training programme on "Cultivation and Conservation of Medicinal Plants by HFRI, Shimla

ICFRE- Forest Research Institute, Dehradun

- All India Coordinated Research Project on Bamboo-Morphological characters of Dendrocalamus sikkimensis has been collected and analyzed from FRI Bambusetum and Botanical garden. 08 sequences of 2 Bamboo species (Bambusa polymorpha and Bambusa tulda) with 4 different markers were submitted in NCBI. 03 Bamboo species (Dendrocalamus hamiltonii, Dendrocalamus giganteus and Schizostachyum dullooa) with five different barcoding markers were PCR amplified and successfully sequenced.
- Developing seed testing and seed storage protocols of selected forestry species from diverse forest type:- Successfully stored the seeds and extended the seed viability of the following species at 5°C and 15°C storage temperatures. Toona sinensis (Germination rate is 74% at 5°C and 66% at 15°C in 12 months). Pterospermum acerifolium (Germination rate is 90% at Ambient RT and 95% at 5°C in 21 months). Tsuga dumosa (Germination rate is 50% at 5°C and 40% at 15°C in 12 months). Alnus nitida (Germination rate is 30% at 5°C and 20% at 15°C in 12 months). Albizia odoratissima (Germination rate is 65% at 5°C and 20% at 15°C in 27 months).
- All India Coordinated Project on Bamboos:- Seeds of Ochlandra scriptoria were germination tested using vermiculite, qurzite sand and coco peat medium. Highest germination and seedling vigour was reported in vermiculite substratum. Germination test was conducted in the stored seeds of Dendrocalamus strictus (at 8%SMC) and Bambusa bambos (at 7% &10% SMC) reported 77%, 84% & 87% GP respectively.

ICFRE-Institute of Forest Genetics & Tree Breeding, Coimbatore

• Population status of relisted plant species such as Dipterocarpus bourdillonii (Critically endangered), Antistrophe serratifolia (Vulnerable), Phyllanthus anamalayanus (Critically endangered) and Psychotria anamallayana (Endangered) which are prioritized for conservation in Tamil Nadu has been assessed in the Anamalai Tiger Reserve, Tamil Nadu. About 36 individuals of Dipterocarpus bourdillonii, 57 individuals of Phyllanthus anamalayanus, 168

individuals of *Psychotria anamallayana* and 73 individuals of Antistrophe *serratifolia* have been recorded in various forest areas of Anamalai Tiger Reserve, Tamil Nadu. Information on their flowering, fruiting and regeneration and threats to these plant species were also recorded.

• The whole transcriptome study in *Mitragyna parvifolia* was carried out to develop and design new microsatellite primers. New microsatellite primers were designed from the transcriptome sequence of *Mitragyna parvifolia* using Primer 3 plus software. Initially ten primers were designed for synthesis. The developed SSR primer motifs were 3 di and 7 tri repeats such as (AG)7, (CT)11, (AC)14, (AGA)6, (TGA)5, (CAT)8, (TAA)5, (TCC)6, (AAG)6, (GAT)6. The length of these primers was 20 bp and the GC content was 45% to 50%. The product size ranged from 170bp to 250bp. These SSR primers will be useful for genetic diversity and population structure analysis in *Mitragyna parvifolia*.

Consultancies

<u>Indian Council of Forestry Research and Education,</u> Dehradun

New consultancy projects awarded:

- Third Party Auditing of Compliance of Environmental Clearance Conditions of Gayatri UG Mine of South Eastern Coalfields Limited, Bishrampur Area, Chhattisgarh.
- Third Party Audit of Compliance of Environmental Clearance Conditions of Chhal Opencast Project of South Eastern Coalfields Limited, Raigarh Area, Chhattisgarh.
- Third Party Audit of Compliance of Environmental Clearance Conditions of Baroud Opencast Project of South Eastern Coalfields Limited, Raigarh Area, Chhattisgarh.
- Third Party Auditing of Plantation of Gevra Opencast Project of South Eastern Coalfields Limited, Dist. Korba, Chhattisgarh.

Participation in Exhibition

ICFRE-Institute of Forest Productivity, Ranchi

• ICFRE-IFP, Ranchi participated and installed display stall in "60th Foundation Day" organized by Central

Tasar Research and Training Institute, Ranchi on 19th June 2024 at Central Tasar Research and Training Institute, Ranchi and showcased various Bamboo species, Poster of Bamboo Nursery Techniques, Bamboo introduction and Lac Production Techniques.



ICFRE-IFP, Ranchi installed a stall in 60th Foundation Day organized by Central Tasar Research and Training Institute, Ranchi

ICFRE- Institute of Forest Productivity, Ranchi

 ICFRE-RFRI, Jorhat participated and installed display stall in "Krishi Prajukti Pradarshani" organized by KVK, Jorhat on 27th June 2024 at Assam Agriculture University, Kaliapai, Teok, Jorhat and showcased research and development activities of the institutes.



ICFRE-RFRI, Jorhat installed a stall in "Krishi Prajukti Pradarshani" organized by KVK, Jorhat

Workshops/Seminars/Meetings

Indian Council of Forestry Research & Education

1. Land restoration, Desertification & Drought 5th June 2024 resilience

35 participants including IFS, DDGs, ADGs, Scientists and Technical officers



ICFRE Headquarter organized a workshop on "Land Restoration, Desertification & Drought Resilience"

2. Finalization of format for assessment of Scientists through virtual mode

3rd June 2024 ICFRE scientists

3. Meeting wrt Cumulative Impact Assessment (CIA) and Carrying Capacity Study (CIA & CCS) of River Basin

28th June 2024

Participants from all states and UTs

Institute of Wood Science and Technology, Bengaluru

4. Combating drought and desertification – Karnataka perspective

24th June 2024

50 participants including Officers and Scientists

5. Environmental sustainability for wood based industries and products

5th June 2024

50 participants including Officers, Scientists and Technical staff



ICFRE- IWST, Bengaluru organized a workshop on "Environmental sustainability for wood based industries and products"

ICFRE-Institute of Forest Biodiversity, Hyderabad

6. Evaluation of consultancy projects

6th June 2024

Director & members from Andhra Paper ltd.

ICFRE-Himalayan Forest Research Institute, Shimla

7. Diversity, Distribution, Usage Pattern and Cultivation Scope of Medicinal Plants in Cold Desert Regions of India

28th June 2024

30 participants including scientists, technical staff and research staff

ICFRE-Institute of Forest Genetics & Tree Breeding, Coimbatore

8. Consultative meeting on "Popularizing Eucalyptus cultivation in dry lands for higher economic returns and TreeGenie App"

26th June 2024

450 participants including DFO and Regional Manger from Ariyalurff, farmers etc.



ICFRE- IFGTB, Coimbatore oprganized a meeting on "Popularizing Eucalyptus cultivation in dry lands for higher economic returns and TreeGenie App"

Trainings Programme

Indian Council of Forestry Research & Education

1. Guiding Principles and implementation strategies of diversion conditions in mining projects under FC

24th to 28th June 2024 15 IFS officers from different state forest department

ICFRE- Forest Research Institute, Dehradun

2. Guiding Principles for Processing for FCA Projects

27th to 31st June 2024 23 IFS Officers



ICFRE, Headquarter organized a training programme on "Guiding Principles and implementation strategies of diversion conditions in mining projects under FC" at ICFRE-IFP, Ranchi



ICFRE-FRI, Dehradun organized a training programme on "Guiding Principles for Processing for FCA Projects"

3. Quality Seed Production and Nursery Technology

14th June 2024

Frontline staff of Seed Range of Uttarakhand FD at Uttarakhand Forestry Research Institute (UFRI), Haldwani

ICFRE- Himalayan Forest Research Institute, Shimla

4. Promoting Soil Test Based Management Practices

15th June 2024

25 participants including Forest Officers/ officials of Leh and Kargil Forest Department UT Ladakh

5. Ecotourism as sustainable Livelihood

10th to 14th June 2024 25 IFS officers from 16 states and UTs



A training programme on "Promoting Soil Test Based Management Practices" by ICFRE- HFRI, Shimla



Training programme on "Ecotourism as sustainable Livelihood" by ICFRE-HFRI, Shimla by ICFRE-HFRI, Shimla

6. Cultivation and Conservation of Important Cold Desert Plants

12th to 14th June 2024 30 stakeholder trainees from NISR, Leh



ICFRE- HFRI, Shimla organized a training programme on "Cultivation and Conservation of Important Cold Desert Plants"

ICFRE- Rain Forest Research Institute, Jorhat

7. Bamboo Charcoal and Briquette Making 10th to 15th 06 participants from RFRI Demo village June 2024 Charingia Gaon, Bhogamukh, Jorhat

8. Livelihood and Enterprises Development 26th to 27th 30 Women's participants from HUB BOSCO Institute, Baghchung, Jorhat Product



Training programme on "Bamboo Charcoal and briquette Making" by ICFRE- RFRI, Jorhat



Training programme on "Livelihood and Enterprises Development Programme on Bamboo and Value Added Product" by ICFRE-RFRI, Jorhat

ICFRE-Institute of Wood Science and Technology, Bengaluru

9. Wood science and technology 24th June to 5th 14 participants from SHUATS, Naini, Prayagraj July 2024



ICFRE- IWST, Bengaluru organized a training programme on "Wood science and technology"

10	• Structural Design of Bamboo	4 th June 2024	40 participants including Civil Engineers, Architects, Consultants			
ICFRE-Tropical Forest Research Institute, Jabalpur						
11.	Disaster Management	20 th June 2024	7 staff including JPFs			
12.	Identification of Insect Pests in Forest Nurseries and Their Management	12 th to 13 th June 2024	38 Nursing staff including Forest officials from Madhya Pradesh Rajya Van Vikas Nigam Limited, Mohagaon Project Division, Mandla, Madhya Pradesh			



ICFRE- TFRI, Jabalpur organized a training programme on "Identification of Insect Pests in Forest Nurseries and Their Management"

ICFRE-Institute of Forest Productivity, Ranchi

3. Silage Making Method - Silage making 21st June 2024 30 farmers from Chihrujot Village, Khoribari, process, its maintenance and utilization Siliguri

Activities under Van Vigyan Kendra

ICFRE- Tropical Forest Research Institute, Jabalpur

 ICFRFE-TFRI, Jabalpur organized a training programme on "Identified Promising Traits for Establishment of Display Board" on 4th June 2024 at VVK Chandarpur, Maharshtra. 3 participants from SFDs of MS, Chandarpur participated in the programme.

ICFRE- Institute of Wood Science and Technology, Bengaluru

 80 farmers from Bagalkote participated in training programme on "Sandalwood based Agroforestry Models & its Health" organized by ICFRE-IWST, Bengaluru on 19th June 2024 at KVK, Bagalkote.



ICFRE- IWST, Bengaluru organized a training programme on "Sandalwood based Agroforestry Models & its Health" under VVK

ICFRE- Himalayan Forest Research Institute, Shimla

• ICFRE HFRI, Shimla organized an event under VVK on 2nd June 2024 at Taryamla near Vicinity of VVK Longi, Dharampur, Himachal Pradesh. About 15 participants from nearby area of Longi, Dharampur

participated in the event. They were made aware about saving water and rejuvenation of Bawari/Step wells through forestry interventions and their management on sustainable basic.



15 participants from Longi, Dharampur were made aware about saving water and rejuvenation of Bawari/Step wells through forestry interventions by ICFRE-HFRI, Shimla

Memorandum of Understanding

ICFRE- Institute of Wood Science and Technology, Bengaluru

MoU was signed between ICFRE-IWST, Bengaluru and Centre for Green Building Materials and Technology, Bengaluru on 5th June 2024 for Research, Advocacy, Skilling, Implementation & Sectorial Development in Nature based solutions & Socioeconomic and Cultural development in Timber, Bamboo & Forest based product.



MoU signed between ICFRE-IWST,Bengaluru and Centre for Green Building Materials and Technology, Bengaluru

ICFRE- Himalayan Forest Research Institute, Shimla

• MoU was signed between ICRE-HFRI, Shimla and College of Excellence Government College, Sanjauli, Shimla on 6th June 2024 for collaboration in various activities related to forestry research environment protection, education and extension.



MoU signed between ICFRE-HFRI, Shimla and College of Excellence Government College, Sanjauli, Shimla

MoU was signed between ICRE-HFRI, Shimla and National Institute of Sowa Rigpa, Leh, Ladakh on 15th June 2024 for pursuing quality research especially related to studies on the medicinal plant of temperate and cold desert region and providing new opportunities for employment and economic development with focus on environment, bioresource, skill development and livelihood opportunities.



MoU signed between ICFRE-HFRI, Shimla and National Institute of Sowa Rigpa, Leh, Ladakh

 MoU was signed between ICRE-HFRI, Shimla and Shoolini Institute of Life Science and Business Management, Solan, Himachal Pradesh on 25th june 2024 for pursuing quality Research and building a new generation of highly skilled human resource providing entirely new opportunities for employment and economic development with focus on environment, bio-resources, skill development, livelihood opportunities, science and technology, biotechnology, health and wellness lifestyle domain of North West Himalayan region.



MoU signed between ICFRE-HFRI, Shimla and Shoolini Institute of Life Science and Business Management, Solan

ICFRE-Institute of Forest Productivity, Ranchi

MoU was signed between ICFRE-IFP, Ranchi and Damodar Valley Corporation, Koderma Thermal Power Station, Koderma Jharkhand on 6th June 2024 for "Green Belt Development around the Ash pond area at Koderma Thermal Power Station".



MoU signed between ICFRE-IFP, Ranchi and Damodar ValleyCorporation, Koderma Thermal Power Station, Koderma, Jharkhand

MoU was signed between ICFRE-IFP, Ranchi and Steel Authority of India Limited, Meghahatuburu, West Singhbhum, Jharkhand on 10th June 2024 for "Rehabilitation of 40-hectare mined-out area of Meghahathaburu Iron Ore Mine through Forestry Interventions".



MoU signed between ICFRE-IFP, Ranchi and Steel Authority of India Limited, Maghahatuburu, West Singhbhum,
Jharkhand

ICFRE-Rain Forest Research Institute, Jorhat

 MoU was signed between ICFRE-RFRI, Jorhat and Aaie Earth Intitiatives Private Ltd. On 28th June 2024 for produce Bamboo charcoal and its products using Brick Kiln.



MoU signed between ICFRE-RFRI, Jorhat and Aaie Earth
Intitiatives Private Ltd.

Awareness and Demonstration Programme

ICFRE- Institute of Wood Science and Technology, Bengaluru

83 participants along with faculties from Maharani Laxhshmi Ammsani College for Women, Bengaluru and Forestry College, Ponnampet, Kodugu visited Tissue Culture lab, Wood Workshop, Advanced Wood training Centre, Wood Anatomy Lab, UTM Lab and Xylarium at ICFRE-IWST, Bengaluru on 11th, 24th and 25th June 2024.



Students from Forestry College, Ponnampet and Maharani Laxshmi Ammsani College, Bengaluru visited ICFRE-IWST, Bengaluru

- 33 RFOs from Tamil Nadu Forest Department visited ICFRE-IWST, Bengaluru on 29th June 2024. They were briefed about Wood Properties & Processing and Sandalwood Cultivation and its prospects.
- 35 participants from Kealadi Shivappa Nayaka University of Agriculture & Hoticulture Science, Ponnampet visited ICFRE-IWST, Bengaluru from 24th to 25th June.

ICFRE-Tropical Forest Research Institute, Jabalpur

'45 participants from Sri Atma Ram Institute of Pharmacy, Jabalpur visited ICFRE-RFRI, Jabalpur on 26th June 2024. They were explained about ICFRE-RFRI technologies displayed in the museum cum interpretation centre of the institute.



Students from Atma Ram Institute of Pharmacy, Jabalpur visited ICFRE-TFRI, Jabalpur

ICFRE-Institute of Forest Biodiversity, Hyderabad

• A group of 361 students along with faculties from School of Agriculture Science, Malla Reddy University, Hyderabad participated in Awareness Programme on "Forestry Extension" organized by ICFRE-IFB on 11th, 13th, 14th, 18th, 20th and 21st June 2024 at ICFRE-IFB, Hyderabad campus.



Students from Malla Reddy University Hyderabad participated in Awareness Programme organized by ICFRE-IFB,
Hyderabad

 34 Forest Beat Officers from Telangana State Forest Academy visited ICFRE-IFB, Hyderabad on 27th June 2024.



34 Forest Beat Officers from Telangana State Forest Academy visited ICFRE-IFB, Hyderabad

<u>ICFRE-Institute of Forest Genetics & Tree Breeding,</u> <u>Coimbatore</u>

of Agriculture & Technology, Dingigul and Don BOSCO College of Agriculture, Ranipet visited ICFRE-IFGTB, Coimbatore on 20th June 2024. They were briefed about the research and development activities of the institute.



Students from SRS Institute of Agriculture & Technology,
Dingigul visited ICFRE-IFGTB, Coimbatore

 64 Forest Guards from Tamil Nadu Forest Department visited ICFRE-IFGTB, Coimbatore on 24th June 2024. They were briefed about the Mother Bed Chamber, Shade House and the essential requirements for Mass Multiplication.



64 Forest Guards from Tamil Nadu Forest Department visited ICFRE-IFGTB, Coimbatore

Rajbhasha Activity

- ICFRE-IFP, Ranchi organized a Hindi workshop on "File Management, Record Maintenance and Office Procedure" on 25th June 2024.
- ICFRE- RFRI, Jorhat organized a Hindi Workshop on "Quarterly Official Language Implementation Committee" on 25th June 2024.



ICFRE-RFRI, Jorhat organized a hindi workshop on "Quarterly Official Language Implementation Committee"

• ICFRE- RFRI, Jorhat organized a Hindi Workshop on "Kanthasth 2.0 Translation Tool" from 6th to 11th & 28th June 2024. 80 participants including officers, technical and administrative staff of the institute and ICFRE- BRC, Aizawl participated in the workshop.



ICFRE-RFRI, Jorhat organized a hindi workshop on "Kanthasth 2.0 Translation Tool"

Visit to Institutes

 A group of people from Nagaland, headed by Mr. Ao Sanen Pongen Clong with National Director of Empretec India Foundation, Mr. Arnab Chakraborty visited Bamboo Nursery, Bambusetum, Bamboo Composite Centre, Bamboo Charcoal Unit, Bamboo Treatment Unit and Bah Bathika of RFRI, Jorhat on 13th June 2024.



Dignitaries from Empretec India Foundation, Nagaland visited ICFRE-RFRI, Jorhat

• Smt. Kanchan Devi, IFS, DG, ICFRE, Dehradun visited ICFRE-IFP, Ranchi from 22nd to 28th June 2024. Smt. Kanchan Devi, IFS, Director General, ICFRE, Dehradun, inaugurated a one-week compulsory training course on "Guiding Principles and Implementation Strategies of Diversion Conditions in Mining Projects Under FCA" on 25th June 2024, at ICFRE-IFP, Ranchi and also visited the Bodhgaya Temple to review the consultancy work being carried out for the maintenance and health assessment of the Holy Bodhi Tree at Bodhgaya.



Smt. Kanchan Devi, IFS, DG, ICFRE, Dehradun visited ICFRE-IFP, Ranchi

Miscellaneous

 ICFRE-FRI, Dehradun organized a Poster making competition and Kavita Path on 5th June 2024. Participants including students and official's staff of ICFRE-FRI participated in the programme.



ICFRE-FRI, Dehradun organized a Painting and Kavita Path Competition

HR NEWS

APPOINTMENTS ON DEPUTATION

APPOINTMENTS ON DEPUTATION	
Name of Officer	Date
Smt. Anita IFS, Conservator of Forests, TFRI, Jabalpur	24.06.2024
TRANSFER Name of Officer	Date
Dr. Vinod Kumar, CTO, ICFRE-HFRI, Shimla to Green Credit Cell, ICFRE(HQ), Dehradun	07.06.2024
PROMOTION Name of Officer	Date
Sh. Sardar Singh Chauhan Sr. Administrative Officer, Secretary Office, ICFRE	07.06.2024
Sh. Brijesh Kumar Sharma, ICFRE	21.06.2024
Sh. Sanjeev Khugshal ICFRE-IFGTB, Coimbatore	01.07.2024
REPATRIATION	
Name of Officer	Date
Sh. M.R. Baloch, IFS(WB:1990) Director, ICFRE-AFRI, Jodhpur	06.06.2024

Patron:

Smt. Kanchan Devi, IFS, Director General, ICFRE, Dehradun

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