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Visit of DGF&SS, MoEF&CC to ICFRE

- Sh. Jitendra Kumar DGF&SS, MoEF&CC visited ICFRE, Dehradun on 23rd April 2024, was welcomed by Smt. Kanchan Devi, IFS, DG, ICFRE, Dehradun. He was briefed about activities carried out under Green Credit Programme and COE-SLM at ICFRE. During the session a booklet on "Forestry Extension Activities of ICFRE" was also released by Sh. Jitendra Kumar DGF&SS, MoEF&CC, Smt. Kanchan Devi, IFS, DG, ICFRE, Dehradun, seniors officers ministry & ICFRE Dehradun and other organization.



Meeting on Green Credit & release of booklet on "Forestry Extension Activities of ICFRE carried out Under National Authority CAMPA Funded Project" by Sh. Jitendera Kumar DGF & SS, Smt. Kanchan Devi IFS, DG, ICFRE, seniors officers ministry & ICFRE, Dehradun and other organization

EARTH DAY

- Earth Day celebrated on 22nd April 2024 by ICFRE, Dehradun, its institutes and centers.



Mission LiFE

- 21 women participants from Peur, Panchayat Dharampur, Mandi(H.P.) participated in awareness programme on Mission LiFE organized by ICFRE-HFRI, Shimla on 9th April 2024 & they were briefed about water saved and energy saved theme of Mission LiFE.



ICFRE-HFRI, Shimla conducted an Awareness Programme on Mission Life at Peur, Panchayat Mandi (H.P.)

- ICFRE-HFRI, Shimla organized awareness programme under Mission LiFE on 10th April 2024 at Leh, Ladakh. Participants were encouraged to use LED bulbs, taking public transports and turning off vehicle engines at red lights and also informed about efficient water saving techniques like micro-irrigation, bundings and farm ponds.



ICFRE-HFRI, Shimla conducted an Awareness Programme on Mission Life at Leh, Ladakh

Significant Research Finding

ICFRE- Forest Research Institute, Dehradun

- Seed viability and storage period of *Bambusa bambos* and *Dendrocalamus strictus* were extended for more than 24 months through low-temperature storage techniques.
- Nutritional analysis of *Pyrus pashia* and *Ficus palmata* viz. Moisture, Ash, Fibre, Fat, protein, TSS and Vitamin C were determined. Molu jam, Molu pickle, Molu murraba and Molu squash were prepared from *Pyrus pashia* fruits, shelf life study being conduct.

ICFRE- Institute of Wood Science and Technology, Bengaluru

- Installated Bamboo processing machines in the primary bamboo processing centre at Mizoram and Meghalaya training was provided to stake holders.

- In Exploratory studies on the addition of different fire retardant chemicals in different stages for the development of fire retardant plywood, Ammonium poly phosphate with 10%, 20% & 30% concentration were used for veneer treatment of *Eucalyptus*, *Poplar*, *Rubber wood* and *Melia-dubia*. Chemical retention and better flammability were achieved in medium density wood species (Rubber wood, *Poplar* and *Melia-dubia*). Tricresyl phosphate was added in the resin system to improve the fire retardant property. 20% & 30% of ammonium poly phosphate yielded better flammability in all species; 2% of tricresyl phosphate yielded the better results in flame penetration and rate of burning as per the IS 5509.

Workshops/ Seminars/ Meetings

ICFRE- Rain Forest Research Institute, Jorhat

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| 01 | Pre-release Consultation Meeting for the Forest Soil Health Card (FSHC) of Assam through virtual mode | 5 th April 2024 | 63 participants including Officers from Assam Forest Department, ICFRE-RFRI, Jorhat and ICFRE-FRI, Dehradun |
| 02 | Quarterly (January-March, 2024) review meeting of the ongoing projects | 8 th to 10 th April 2024 | Scientists, Officers, TOs and project staff |

ICFRE- Institute of Forest Genetics & Tree Breeding, Coimbatore

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| 03 | TreeGenie - Digital Interactive platform | 4 th April 2024 | 30 participants including Assistant Conservator of Forests and Forest range officers from Forestry Extension centers from 21 districts of Tamil Nadu |
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ICFRE-IFGTB, Coimbatore organized a Workshop on TreeGenie

ICFRE- Arid Forest Research Institute, Jodhpur

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| 04 | Management of Filing Systems, File Numbering, Indexing, File Movement and Record Keeping. | 24 th April 2024 | 70 participants including scientists, Technical staff and Ministerial staff of ICFRE-AFRI, Jodhpur |
| 05 | Emerging Insect Pests of Arid Regions and Their Identification from Morphological to Molecular Taxonomy Levels | 23 rd April 2024 | Participants including Scientists and Chief Technical Officers of ICFRE-AFRI, Jodhpur |



ICFRE-AFRI, Jodhpur organized a seminar on Filing System, File Numbering, Indexing, File Movement and Record Keeping



ICFRE-AFRI, Jodhpur organized a seminar on Emerging Insect Pests

ICFRE- Himalayan Forest Research Institute, Shimla

07	Discovering ways to improve nursery practices and plant quality	30 th April 2024	49 participants including Scientists, Technical staff and Research staff
08	Research Advisory Committee (RAC) meeting	10 th April 2024	Participants including Scientists, Technical staff and Research staff

ICFRE- Tropical Forest Research Institute, Jabalpur

09	Precision Tree Farming in India: Opportunities and Challenges	25 th April 2024	80 participants including scientist, technical staff and research fellows from all ICFRE sister institutes
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Trainings Programme

ICFRE- Forest Research Institute, Dehradun

01	Guiding Principles and Implementation Strategies of Diversion in Linear Project FCA	15 th to 19 th April 2024	11 IFS officers
02	Field Enumeration, Data Collection and Analysis of Ecosystem Services of Forests for Working Plan Code 2023	22 th to 26 th April 2024	17 IFS officers from 12 states



ICFRE-FRI, Dehradun organized a training on Linear Project FCA



ICFRE-FRI, Dehradun organized a training on Working Plan Code 2023

ICFRE- Tropical Forest Research Institutes, Jabalpur

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| 03 | Value Addition of Wild Edible Fruit Species | 23 rd April 2024 | 60 participants from forest dependent communities, Pipariya, Madhya Pradesh |
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ICFRE- Rain Forest Research Institute, Jorhat

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| 04 | General Aspect of Forestry | 3 rd April 2024 | 31 Trainee Forester of Assam Forest School, Jalukbari, Assam |
| 05 | Agarwood Cultivation and Artificial Inoculation | 24 th to 26 th April 2024 | 13 participants including Entrepreneurs and Farmers from India and Nepal |



ICFRE-RFRI, Jorhat organized a training on General Aspect of Forestry



ICFRE-RFRI, Jorhat organized a training on Agarwood Cultivation

ICFRE- Institute of Wood Science and Technology, Bengaluru

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| 06 | Manufacturing of Fire Retardant | 1 st to 5 th April 2024 | 07 participants from Maple Moulding Pvt. Ltd., Mumbai |
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Activities Under Van Vigyan Kendra

ICFRE- Himalayan Forest Research Institute, Shimla

- Representative of Techno Serve (International NGO) USA, visited Van Vigyan Kendra Jagatsukh, Manali on 25th April 2024. They were apprised about ICFRE-HFRI, Shimla and ongoing research activities at FRS/VVK, Manali.



Representative of Techno Serve(International NGO) USA, visited Van Vigyan Kendra Jagatsukh, Manali

ICFRE- Rain Forest Research Institute, Jorhat

- A group of 20 students from Government Zrtiri Residential Science College, Aizwal participated in Hands on training on Plant Tissue Culture under VVK organized by ICFRE-BRC, Bethlehem, Lengthlang, Aizwal on 17th April 2024.



Students from Government Zrtiri Residential Science College, Aizwal participated hands on training on Plant Tissue Culture under VVK

ICFRE- Institute of Forest Biodiversity, Hyderabad

- 80 participants including farmers and officials from Mahbubnagar district, Telangana participated in training programme on Agroforestry System organized by ICFRE-IFB, Hyderabad on 30th April 2024 at KVK, Palem Nagar Kumool district, Telangana.

Memorandum of Understanding

- MoU was signed between ICFRE-IWST, Bengaluru and M/s Nirvana Bannel, Madhya Pradesh on 10th April 2024 for Consultancy project on "Development of Banana Stem Fiber Board".
- MoU was signed between ICFRE-IWST, Bengaluru and M/s MAS Polymer, West Bengal on 15th April 2024 for development of a novel additive composition for urea formaldehyde resin bonded plywood panels manufactured using veneers with high moisture content.
- MoU was signed between ICFRE-RFRI, Jorhat and ICMR- Regional Medical research Centre, North Eastern region, Dibrugarh on 28th April 2024 for facilitating Clinical Bioassay trials of certain active molecules and formulations of ICFRE-RFRI.



MoU signed between ICFRE-RFRI, Jorhat and ICMR- Regional Medical research centre, Dibrugarh

Prakriti Programme

ICFRE- Institute of Forest Productivity, Ranchi

- A group of 98 students along with teachers from Government Middle School, Lalgutwa, Ranchi visited ICFRE-IFP, Ranchi on 26th April 2024. They were briefed about the research and development activities of the institutes.

ICFRE-Arid Forest Research Institute, Jodhpur

- A group of 550 students from Kendriya Vidyalaya no-2(Airforce), Jodhpur participated in Prakriti Programme organized by ICFRE-AFRI, Jodhpur on 30th April 2024. Lecture on “Environment and biodiversity Conservation” delivered to students. Detailed information about Plantation Technologies was also provided to the students.



Students from Kendriya Vidyalaya no-2(Air force), Jodhpur participated in programme organized by ICFRE-AFRI, Jodhpur

ICFRE- Institute of Wood Science and Technology, Bengaluru

- A group of 85 students along with teachers from Cluny Convent High School, Malleshwaram, Bengaluru along with teachers visited ICFRE-IWST, Bengaluru on 6th April 2024. They were briefed about research activities in IWST and were encouraged to build a career in science.



Students from Cluny Convent High School, Malleshwaram, Bengaluru visited ICFRE-IWST, Bengaluru

ICFRE- Institute of Forest Genetics & Tree Breeding, Coimbatore

- A group of 52 students along with teachers from Gedee Public School, Echanari, Coimbatore visited ICFRE-IFGTB, Coimbatore on 16th April 2024. Lecture on Forest Products delivered to students.

ICFRE- Rain Forest Research Institute, Jorhat

- 171 students along with teachers from Rebakanta Baruah Public High School, Kenduguri, Jorhat and Railway High School, Mariani, Jorhat, Assam participated in Environment Awareness Programme on Bamboo Cultivation, Propagation, Nursery Management, Value Addition & Bamboo Preservation Techniques, Biotechnology and tissue culture identification of wild edible Mushroom Lac Cultivation and Vermicomposting and Agar Plantation organized by ICFRE-RFRI, Jorhat on 9th & 30th April 2024 respectively.



Students from Railway High School, Mariani, Jorhat, Assam participated Environment Awareness Programme organized by ICFRE-RFRI, Jorhat

ICFRE- Tropical Forest Research Institute, Jabalpur

- A group of 120 students along with teachers from Kendriya Vidhyalaya, TFRI visited on 5th April 2024. They were briefed about overview of the research activities of the institutes.



Students from Kendriya Vidyalaya(TFRI) visited ICFRE-TFRI, Jabalpur

Awareness and Demonstration Programme

ICFRE-Arid Forest Research Institute, Jodhpur

- 110 students from College of Forestry, Sirsi(UAS, Dharwad) and Lachoo Memorial College, Jodhpur along with faculties visited the institute. Also visited VMG of Shisham Clone and Thar Shobha Khejdi Trials of ICFRE-AFRI, Jodhpur on 4th April 2024. They were explained about the ICFRE-AFRI technologies displayed in the Museum cum interpretation centre of the institute.



Students from Lachoo Memorial College, Jodhpur visited ICFRE-AFRI, Jodhpur

ICFRE- Institute of Forest Genetics & Tree Breeding, Coimbatore

- 95 FRO trainee officers from Telangana Forest Academy, Dulapally, Hyderabad visited Seed Lab of ICFRE-IFGTB, Coimbatore on 8th & 17th April 2024 respectively. They were demonstrated about the Kubtex-X radiography, Image Analyses, FGMR facilities and other instruments.



FRO trainee officers from Telangana Forest Academy, Dulapally, Hyderabad visited Seed Lab of ICFRE-IFGTB, Coimbatore

ICFRE- Institute of Wood Science and Technology, Bengaluru

- 23 students along with faculties from Maharani Lakshmi Ammanni College, Bengaluru visited plant tissue culture facility of SFM division on 18th April 2024.



A group of students from Maharani Lakshmi Ammanni College, Bengaluru visited ICFRE-IWST, Bengaluru

- 35 RFO, trainees along with faculties from Telangana State Forest Academy, Dulapally, Hyderabad visited Nursery, Wood Workshop, Advanced Wood Working Training Centre and

ICFRE- Institute of Forest Genetics & Tree Breeding, Coimbatore

- 95 FRO trainee officers from Telangana Forest Academy, Dulapally, Hyderabad visited Seed Lab of ICFRE-IFGTB, Coimbatore on 8th & 17th April 2024 respectively. They were demonstrated about the Kubtex-X radiography, Image Analyses, FGRM facilities and other instruments.



A group of women's from Hub of Bosco Institute Baghchung, Jorhat Participated Skill Development programme on Livelihood and Enterprises Development Programme

ICFRE- Institute of Wood Science and Technology, Bengaluru

- 23 students along with faculties from Maharani Lakshmi Ammanni College, Bengaluru visited plant tissue culture facility of SFM division on 18th April 2024.



Students from Purnaya Ayurved College and Danielson Degree College, Chhindwara(MP) visited ICFRE-TFRI, Jabalpur

Visit to institutes

- Mr. Mukesh Kumar, Head, Centre for Excellence in CSR & Corporate Citizenship, Indian Institute of Corporate Affairs (IICA), Manesar, Gurugram, Haryana and Mr. Manish Kumar, Chairman Cum Managing Director, Rock Light Energy Pvt. Ltd, Ranchi, Jharkhand visited ICFRE-RFRI, Jorhat on 29th April 2024. Also visited Bambusetum, Bamboo Nursery, Bamboo Charcoal, Bamboo Composite Centre, Bamboo Treatment Unit, Bah Bithika.



Dignitaries from IICA and Rock Light Energy Pvt. Ltd. visited ICFRE-RFRI, Jorhat

Miscellaneous

- Dr. B.R. Ambedkar Birth Anniversary was celebrated on 14th April 2024 by ICFRE- AFRI, Jodhpur, ICFRE-IFGTB, Coimbatore and ICFRE-IWST, Bengaluru.





HR NEWS

RETIREMENT

Name of Officer	Date
Shm. Sangeeta Bhatt, STO, ICFRE-FRI, Dehradun	30.04.2024

REPATRIATION

Name of Officer	Date
Sh. R. Arun Kumar, IFS (TR:2009) Secretary, ICFRE	18.04.2024
Dr. Ratnaker Jauhari, IFS (TG:1992) DDG(Research), ICFRE	23.04.2024

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

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