



Indian Council of Forestry
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ICFRE NEWSLETTER

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National Workshop on “Promoting Sustainable Forest-Based Bioeconomy: Issues & Challenges”

- ICFRE-FRI, Dehradun organized National Workshop on “Promoting Sustainable Forest Based Bioeconomy” from 21st to 22nd March 2026 at ICFRE-FRI, Dehradun and was inaugurated by Hon'ble Minister of Environment Forest and Climate Change Shri Bhupender Yadav. The workshop was attended by Shri Tanmay Kumar, IAS, Secretary MoEF&CC, Shri Sushil Kumar Awasthi, DGF&SS, Smt. Kanchan Devi, IFS, Director General, ICFRE & Senior officials of Ministry, ICFRE institutes, PCCFs, SFD and Industries representatives.



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National Workshop on “Promoting Sustainable Forest Based Bioeconomy Issues & Challenges”
at ICFRE-FRI, Dehradun

63rd Board of Governors Meeting

- 63rd Board of Governors Meeting of ICFRE was held on 02nd March 2026 at MoEF&CC, New Delhi under the Chairmanship of Shri Tanmay Kumar, IAS, Secretary MoEF&CC. The meeting was attended by BoG members, Sh. Sushil Kumar Awasthi, DGF&SS, Mrs. Kanchan Devi, DG, ICFRE, Seniors officials of ministry & ICFRE officials. Two publications on “Protocols for Long Term Monitoring of Climate Driven Effects on Forests” and “Telangana's Traditional Knowledge: An Ethnobotanical Treasure” were also released during the meeting.



63rd Board of Governors Meeting and release of publications on “Protocols for Long Term Monitoring of Climate Driven Effects on Forests” and “Telangana's Traditional Knowledge: An Ethnobotanical Treasure” at MoEF&CC, New Delhi

Significant Research Finding

ICFRE-Institute of Wood Science and Technology, Bengaluru

- Microwave drying of *Hevea brasiliensis* enabled rapid drying with uniform moisture distribution and no drying-induced stresses. However, it resulted in reductions ($\approx 15-18\%$) in mechanical properties due to microstructural damage. These structural changes enhanced wood permeability. The study highlights that microwave drying significantly improves drying efficiency.
- The study on “Evaluation of properties of Bagasse Particle Board manufactured in India by MSMEs” revealed that bagasse boards provide acceptable bending strength and surface quality for dry, non-structural applications. However, they exhibit higher variability, generally lower internal bond strength, higher swelling, and weaker screw-

holding capacity. Variations in raw material handling, particle geometry, resin application, and pressing conditions further influence performance across MSME units. Despite these challenges, bagasse particle boards have strong potential as a sustainable alternative.

Consultancies

- Awarded Third-Party Environmental Audit and the Third-Party Plantation Audit for Environmental Clearance (EC) compliance for production capacity 50 MTPA (Normative)/62.50 MTPA (Peak) in ML area of 2991.943 ha in respect of Kusmunda Opencast Coal Mine Project of M/s South Eastern Coalfields Limited located in District Korba, Chhattisgarh, India to ICFRE.

Workshops/Seminars/Meetings

ICFRE- Himalayan Forest Research Institute, Shimla

01	ICFRE-HFRI, Shimla and ISAHRD, New Delhi jointly organized 13 th International Conference ICAHFAS-2026 Agriculture, Horticulture, Forestry & allied Sciences for Sustainable Himalayan Ecosystem	18 th to 20 th March 2026	Scientist, Officers, and Research Scholar of ICFRE-HFRI, Shimla & other organizations
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13th International Conference ICAHFAS-2026 at ICFRE-HFRI, Shimla

02	People's Biodiversity Register's: A Community Based Approach for Biodiversity Conservation and Sustainable Development	20 th March 2026	Scientist, Officers, and Research Scholar of ICFRE-HFRI, Shimla
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ICFRE- Institute of Wood Science and Technology, Bengaluru

03	Developments of draft standard on Fire Retardant Particle Board and MDF	24 th March 2026	04 participants from Particle board and MDF industry personnel
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ICFRE- Rain Forest Research Institute, Jorhat

04	Research Advisory Group Meeting	16 th March 2026	50 participants including Scientists, Ph.D scholars and Junior Project Fellow of institute & Representative of SFD, University, Farmers etc.
05	Seminar on “Advancement and prospect of soil carbon research under climate change scenarios”	30 th March 2026	70 participants including Scientists, Officers, students and technical staff of institute



Seminar on “Advancement and prospect of soil carbon research under climate change scenarios” at ICFRE-RFRI, Jorhat

Trainings Programme

ICFRE- Arid Forest Research Institute, Jodhpur

01	Molecular Biology Techniques and Basic Genetic Data Interpretation	06 th March 2026	20 participants including personnel of the Forest Department and students from a women's college
02	Arid Zone Forestry and Afforestation: Soil Health, Quality Planting Material, and Resource Utilization	10 th March 2026	15 participants including farmers and officers from forest department



Training programme on “Molecular Biology Techniques and Basic Genetics Data Interpretation”



Training programme on “Arid Zone Forestry and Afforestation: Soil Health, Quality Planting Material, and Resource Utilization”

03	Capacity building for tribal communities-focused on the value addition and post-harvest management of <i>Feronia limonia</i>	10 th to 11 th March 2026	30 Participants from VFPMC, Gopala Beda
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Training programme on “Capacity building for tribal communities-focused on the value addition and post-harvest management of *Feronia limonia*”

ICFRE- Rain Forest Research Institute, Jorhat

04	Bamboo Handicrafts Utility and Products	12 th to 21 st March 2026	24 Self Help Group members from Sepahijala District
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05	Bamboo Shoot Processing and Value Addition	12 th to 14 th March 2026	22 Participants from various Places of Jorhat, Assam.
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Training programme on “Bamboo Handicrafts Utility and Products”



Training programme on “Bamboo Shoot Processing and Value Addition”

06	Low-cost Vermicomposting	24 th to 25 th March 2026	15 participants from Self Help Group from Bamitia RD Block, West Tripura District
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Training programme on “Low-Cost Vermicomposting”

ICFRE- Institute of Forest Genetics and Tree Breeding, Coimbatore

07	Recent trends in Tree Cultivation Techniques	02 nd to 06 th March 2026	31 participants including Assistant Conservators of Forests, Forester and Beat Guards
08	Forest Policy, Law and Environmental Law	09 th to 13 th March 2026	24 Scientists from ICFRE institutes



Training programme on “Recent trends in Tree Cultivation Techniques”



Training programme on “Forest Policy, Law and Environmental Law”

09	Capacity Building Programme on Conservation and Propagation of Medicinal Plants	12 th to 14 th March 2026	62 participants including Malayali Tribes and Farmers of Jawadhu Hills
10	Biopesticides for Insect Pest Management in Forest Nurseries and Agroforestry (4 trainings)	16 th , 18 th , 19 th and 23 rd March 2026	155 participants including FROs, Foresters, Forest guard, Forest Watchers from Coimbatore division and Dharmapuri division and Farmers from Rettanai Village and Mampattu Village



Training programme on “Capacity Building Programme on Conservation and Propagation of Medicinal Plants”



Training programme on “Biopesticides for Insect Pest Management in Forest Nurseries and Agroforestry”

ICFRE- Institute of Forest Productivity, Ranchi

11	Bamboo (2 trainings)	17 th and 19 th March 2026	121 participants including Farmers and Bamboo Artisans from Lohardaga and Hazaribagh, Jharkhand
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Training programme on “Bamboo”

ICFRE- Himalayan Forest Research Institute, Shimla

12	Productivity Enhancement through Plus Tree Selection, Seed Production Area Development and Seed & Nursery Techniques of Important Plantation Tree Species of Himachal Pradesh	07 th March 2026	30 Frontline staff of Himachal Pradesh Forest Department and HP-IDP
13	Capacity Building for the Establishment of Modern Nurseries and the Application of Mycorrhizal Biotechnology in Planting Material Production	11 th and 17 th March 2026	50 Frontline staff of Himachal Pradesh Forest Department
14	Organic Cultivation of Agricultural Crops and Medicinal Plants	13 th March 2026	50 participants including Farmers and Mahila Mandal from Samba, Jammu & Kashmir



Training programme on “Capacity Building for the Establishment of Modern Nurseries and the Application of Mycorrhizal Biotechnology in Planting Material Production”



Training programme on “Organic Cultivation of Agricultural Crops and Medicinal Plants”

ICFRE- Institute of Wood Science & Technology, Bengaluru

15	Promotion of Sandalwood Cultivation	02 nd to 06 th March 2026	17 Academicians from agricultural universities, KVKs and central institutes
16	Recruitment, Roster Writing and Reservation in services, Promotions and Engagement of Personnel	16 th to 18 th March 2026	25 Administrative staff from ICFRE-IFGTB, Coimbatore; ICFRE-IFB, Hyderabad and ICFRE-IWST, Bangalore

Awareness Programme

ICFRE-Institute of Forest Biodiversity, Hyderabad

- Organized awareness programme on 13th March 2026. 44 Forest Section Officers from Telangana State Forest Academy, Hyderabad, Telangana participated in the programme.



ICFRE-IFGTB, Coimbatore organized Awareness Programme

ICFRE-Himalayan Forest Research Institute, Shimla

- Students from Serampore College, Hooghly, Kolkata visited ICFRE-HFRI, Shimla on 12th March 2026. They were briefed about the Chilgoza Pine, Pest Management, Bio-Fertilizers, Bio-Pesticides and Seed Technology during the visit.



Students from Serampore College, Hooghly, Kolkata visited ICFRE-HFRI, Shimla

ICFRE-Tropical Forest Research Institute, Jabalpur

- 62 participants from Forest Rangers College, Balaghat (M.P.) visited ICFRE-TFRI, Jabalpur on 14th March 2026. During the visit, the participants were provided with an overview of the institute’s diverse research activities, highlighting ongoing projects and initiatives in forestry science and sustainable forest management.
- 40 Farmers from JNKVV, Jabalpur visited ICFRE-TFRI, Jabalpur on 23rd and 24th March 2026. They were apprised of the institute’s diverse research activities, with special emphasis on ongoing projects and initiatives aimed at supporting sustainable forestry and agroforestry practices.



Farmers from JNKVV, Jabalpur visited ICFRE-TFRI, Jabalpur



Students from S.N. College, Cherthala, Kerala visited ICFRE-IFGTB, Coimbatore

ICFRE- Institute of Forest Productivity, Ranchi

- 124 farmers from Jharkhand visited Bambusetum, Technology Demonstration Centre and Nurseries of ICFRE-IFP, Ranchi on 10th, 13th and 24th March 2026. They were apprised about Lac Cultivation on *Flemingia* Sps and Medicinal Plants during the visit.



Farmers from Jharkhand visited ICFRE-IFP, Ranchi

ICFRE-Arid Forest Research Institute, Jodhpur

- 120 students from Lachoo Memorial College visited ICFRE-AFRI, Jodhpur from 26th to 27th March 2026.



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

ICFRE- Institute of Forest Genetics and tree Breeding, Coimbatore

- 44 students along with faculties from Alvas College, Moodbidri, Karnataka, S.N. College, Cherthala, Kerala and Shree Narayana College, Thiruvananthapuram, Kerala visited ICFRE-IFGTB, Coimbatore on 12th and 25th March 2026.

- 39 RFO trainees from Odisha Forest Rangers College, Angul visited VMGs of Shisham Clones, Neem Patti khad, Thar Shobha Khejri trial and Model nursery of ICFRE-AFRI, Jodhpur on 23rd March 2026. They were also briefed about nursery techniques for development of quality planting material.

ICFRE- Institute of Wood Science & Technology, Bengaluru

- 65 students along with faculty from BMS college for Women, Basavanagudi, Bengaluru and Maharani Lakshmi Ammani College for Women, Malleswaram, Bengaluru visited Technology Demonstration Centre, Nursery, Wood Museum and Advance Woodworking Training Centre of ICFRE-IWST, Bengaluru on 10th to 16th March 2026.



Students from Maharani Lakshmi Ammani College for Women, Malleswaram, visited ICFRE-IWST, Bengaluru

- 35 RFO trainees from Chandrapur Forest Academy, Maharashtra visited Xylarium and Wood Anatomy Lab of ICFRE-IWST, Bengaluru on 23rd March 2026.



RFO trainees from Chandrapur Forest Academy, Maharashtra visited ICFRE-IWST, Bengaluru

ICFRE-Rain Forest Research Institute, Jorhat

- 10 IAS trainees from Lal Bahadur Shastri National Academy of Administration, Mussoorie(U.K.) visited Bamboo Museum, Bamboo Nursery and Bambusetum of the institute on 17th March 2026.



IAS trainees from Lal Bahadur Shastri National Academy of Administration, Mussoorie(U.K.) visited ICFRE-IWST, Bengaluru

Participation in Exhibition

- ICFRE-IFP, Ranchi participated and showcased its technologies and research activities in “Agriculture Fair & Exhibition 2026” organized by ICAR- National Institute of Secondary Agriculture, Namkun, Ranchi from 08th to 09th March 2026 at ICAR-NISA, Namkun, Ranchi.



ICFRE-IFP, Ranchi participated in “Agriculture Fair & Exhibition 2026” at ICAR-NISA, Namkun, Ranchi

- ICFRE-LEC, Agartala participated and showcased its technologies in “Farmer's Fair” organized by College of Agriculture Tripura, Agartala from 17th to 18th March 2026 at College of Agriculture, Tripura.



ICFRE-LEC, Agartala participated in “Farmers Fair” at College of Agriculture, Tripura

Mission LiFE

ICFRE-Himalayan Forest Research Institute, Shimla

- 66 students along with teachers from Kasiga International Boarding School visited VVK, Jagatsukh, Manali on 26th March 2026. They were made aware about the importance of a sustainable Lifestyle during the visit.



Students from Kasiaga International Boarding School visited VVK, Jagatsukh, Manali

- Van Vigyan Kendra, Jagatsukh organized awareness and demonstration programme on “Filling of Polybags with Soil, Sand and Farmyard manure, and the correct method of seed sowing”

on 07th March 2026 at Government Senior Secondary School, Jagatsukh. 30 students along with teachers participated in the programme. They were also made aware about adopt an environment-friendly lifestyle, conserve natural resources during the programme.



VVK, Jagatsukh, Manali organized awareness and Demonstration programme on “Filling of Polybags with Soil, Sand and Farmyard manure, and the correct method of seed sowing”

ICFRE-Institute of Forest Biodiversity, Hyderabad

- Organized awareness programme on “Water Saved” on 18th March 2026 at public place of Bahudurpally, Hyderabad. Around 38 participants including students and people from surrounding area of Bahudurapally, Hyderabad participated in the programme.



ICFRE-IFB, Hyderabad organized awareness programme on “Water Saved” at public place of Bahudurapally, Hyderabad

- Organized awareness programme on Mission LiFE on 20th March 2026. 65 participants including students and teachers from North City High School, Hyderabad participated in the programme. They were made aware about importance on Mission LiFE.



ICFRE-IFB, Hyderabad organized awareness programme on “Mission LIFE”

- ICFRE-CEC, Visakhapatnam organized awareness programme from 03rd to 04th March 2026 at Andhra University, Visakhapatnam. 25 students participated in the programme. They were made aware about importance of environmental sustainability and need for reduction of plastic consumption on campus and the vital role they play in keeping our oceans and university grounds clean during the programme.



ICFRE-CEC, Visakhapatnam organized awareness programme at Andhra University, Visakhapatnam

Prakriti Programme

ICFRE- Arid Forest Research Institute, Jodhpur

- 65 students along with teachers from Government Senior Secondary School, Ramsin Moongra, Balotra visited VMGs of Shisham Clones, Neem Patti khad and Thar Shobha Khejri trial of ICFRE-AFRI, Jodhpur on 19th March 2026. They were also briefed about various research activities of the institute.



Students from Government Senior Secondary School, Raamsin Moongra, Balotra visited ICFRE-AFRI, Jodhpur

ICFRE- Himalayan Forest Research Institute, Shimla

- Organized hands-on training programme on “Filling Polybags and Sowing Seeds” on 09th March 2026 at Government High School, Kannah. Around 89 students participated in the programme. They were also briefed about the importance of tree species and ecological value during the programme.



ICFRE-HFRI, Shimla organized hands-on training programme on “Filling Polybags and Sowing Seeds” at Government High School, Kannah

- Organized Nursery Establishment programme at Government Senior Secondary School, Tabo on 10th March 2026. 29 participants, including students and teachers, participated in the programme. They were also briefed about the importance of Medicinal Plants during the programme.

participated in the programme.



ICFRE-HFRI, Shimla organized Nursery Establishment programme at Government Senior Secondary School, Tabo

ICFRE- Institute of Wood Science and Technology, Bengaluru

- 142 students along with teachers from Cluny Convent and Government Primary School, Malleswaram, Bengaluru visited Technology Demonstration Centre, Nursery, Wood Museum and Advance Woodworking Training Centre of ICFRE-IWST, Bengaluru on 05th and 12th March 2026.



Students from Cluny Convent and Government Primary School, Malleswaram, Bengaluru visited ICFRE-IWST, Bengalur

ICFRE- Rain Forest Research Institute, Jorhat

- Organized environment awareness programme on Bamboo Cultivation, Propagation, Nursery Management, Value addition & bamboo preservation techniques, Bamboo Charcoal making, Lac Cultivation and Vermicomposting on 10th and 25th March 2026. 124 students along with teachers from Jawahar Navodaya Vidyalaya, Jorhat and Charaideo district of Assam



Awareness programme on Bamboo Cultivation, Propagation, Nursery Management, Value addition & Bamboo Preservation Techniques, Bamboo Charcoal making, Lac Cultivation and Vermicomposting by ICFRE-RFRI, Jorhat

Activities Under Van Vigyan Kendra/ Krishi Vigyan Kendra/Demo Village

ICFRE- Institute of Forest Biodiversity, Hyderabad

- Organized training programme on “Mushroom Cultivation” on 13th March 2026 at Demo Village, Telangana. Around 15 farmers from Gangulur participated in the programme.



Training programme on “Mushroom Cultivation” at Demo Village, Telangana

- ICFRE-CEC, Visakhapatnam organized training programme on “Biodiversity Assessment Techniques for Ecological Monitoring in Coastal Forest Ecosystem and Management” on 13th March 2026 at Bhubaneswar. 35 Forest official from Bhubaneswar participated in the programme.

Front Line Officers and members of NGO's from Nagaland and Arunachal Pradesh participated in the programme.



Training programme on “Biodiversity Assessment Techniques for Ecological Monitoring in Coastal Forest Ecosystem and Management at Bhubaneswar



Training programme on “Forestry” at State Environment & Forestry Training Institute, Dimapur

ICFRE- Institute of Wood Science and Technology, Bengaluru

- Organized training programme on Sandalwood based Agroforestry models and Management of its health on 05th March 2026 at ICAR-KVK, Hanumanamatti, Ranebennus Taluk, Haveri District, Karnataka. Around 100 farmers from Haveri Dist. participated in the programme.



Training programme on “Sandalwood based Agroforestry models and Management of its health” at ICAR-KVK, Hanumanamatti, Karnataka



Training programme on “Forestry” at VVK, Arunachal Pradesh

- ICFRE-BRC, Aizawl organized Green Skill training programme on “Introduction to Composting & Apiculture” under VVK, Mizoram from 05th to 06th March 2026. 20 participants from Bethlehem Vengthlang, Aizwal participated in the programme.



ICFRE-BRC, Aizawl organized Green Training programme on “Introduction to Composting & Apiculture”

ICFRE-Rain Forest Research Institute, Jorhat

- Organized skill development training programme on “Forestry” under VVK, Nagaland from 19th to 20th March 2026 at State Environment & Forestry Training Institute, Dimapur and VVK, Arunachal Pradesh from 24th to 25th March 2026 at Arunachal Pradesh Forest Training Institute, Roing, Arunachal Pradesh. 59 participants including

- ICFRE-BRC, Aizawl organized training programme on “Introduction to Bamboo Handicrafts: Learning the Art and Trade” under VVK, Mizoram from 16th to 20th March 2026. 20 participants from Edenthar Veng area of Aizawl participated in the programme.



ICFRE-BRC, Aizawl organized Training programme on “Introduction to Bamboo Handicrafts: Learning the Art and Trade”

Rajbhasha Activities

- ICFRE-HFRI, Shimla organized workshop on “Proper Entries in the Official Language Monitoring Register and Translation Tools” on 25th March 2026.



Workshop on “Proper Entries in the Official Language Monitoring Register and Translation Tool” at ICFRE-HFRI, Shimla

- ICFRE-IWST, Bengaluru organized workshop on “Assistive Tools and Technology for Translation” on 10th March 2026. All officers of institute participated in the workshop.
- ICFRE-IFP, Ranchi organized workshop on “Hindi language in Computer Applications” on 10th March 2026. 25 official staff of institute participated in the workshop.



Workshop on “Hindi Language in Computer Applications” at ICFRE-IFP, Ranchi

- ICFRE-RFRI, Jorhat organized workshop on “Hindi Monthly Report Preparation” on 20th March 2026. 25 participants including Hindi Nodal Officers, Link Officers and other staff from ICFRE-RFRI, Jorhat, ICFRE-LEC, Agartala and ICFRE-BRC, Aizawl participated in the workshop.



Workshop on “Hindi Monthly Report Preparation” at ICFRE-RFRI, Jorhat

- ICFRE-RFRI, Jorhat organized quarterly meeting on “State Language Implementation Committee” on 25th March 2026. All officers of the institute participated in the meeting.

Memorandum of Understanding

- ICFRE-IWST, Bengaluru signed MoU with Coir Board, Allepy, Kerala on 26th march 2026 for establishment of Centre of Excellence on Coir Fiber for transforming into high value-added coir composites for various end use application .

Miscellaneous

- ICFRE Headquarter, Institutes and Centres celebrated International Day of Forests on 21st March 2026.

ICFRE-AFRI



ICFRE-FRI



ICFRE-HFRI



ICFRE-IFB



ICFRE-IFP



- ICFRE institutes celebrated World Water Day on 20th March 2026.



HR NEWS

Retirement:

Name of Officer	Date
Sh. Ram Bahadur Manjhi, CTO, ICFRE-TFRI, Jabalpur	31.03.2026
Sh. S.K. Rajput, CTO, ICFRE-AFRI, Jodhpur	31.03.2026

Repatriation :

Name of Officer	Date
Murali Sankaar K, IFS (AGMUT:2012) DCF, IFGTB, Coimbatore	29.03.2026

Transfer:

Name of Officer	Date
Dr. Sunil Waman Bhondge, CTO, ICFRE(HQ) to TFRI, Jabalpur	19.03.2026

Publication

Research Paper:

- Saravanana K., Dhanapala S., Alhoqailb W. A., Vijayakumar R., Desai D., Kiruthigaa N., Senthilkumar N., Chelladuraie G., Archana Devif, g, Gopia P., and Manoja S. (2026). Exogenous Supplementation of Glucose Mitigates Salt Stress and Enhances Sustainable Growth in Maize (*Zea mays L.*). *Russian Journal of Plant Physiology*, 73 (46): 1-8.
- Punithavathia G., Saravanana K., Dhanapala S., Chelladuraib G., Appunuc C., Senthilkumar N., Kiruthigaa N., and Anbarasua K. (2026). Valorization of the Invasive Weed *Stachytarpheta jamaicensis* (L.) Vahl: Growth-Promoting Effects on Soybean (*Glycine max L.*). *Russian Journal of Plant Physiology*, 73(75): 1-10.
- Ganguly S., & Senthilkumar N. (2026). Carrier selection and dose optimization of Himalayan cypress (*Cupressus torulosa*) needle essential oil for stored grain pest control. *International Journal of Entomology Research*, 11(1), 467-472.
- Sharma R, Mishra K, Sethy AK, Kumar R (2026). Effect of microwave drying on drying kinetics, physico-mechanical properties, and

microstructure of plantation-grown *Hevea brasiliensis* wood. *iForest* 19: 77-84.

- Sahoo S.C.(2026) A Comprehensive Review on Waste Generation, Management and Environmental Effects in the Plywood Industry *Journal of Chemical Health Risks* Vol. 16 No. 2 (2026)
- Durai M. V., Reddy G. S. (2026) Unveiling intraspecific variation in growth, heartwood pigmentation, and oil chemistry of East Indian sandalwood: case study *Wood Science and Technology*, 60:45
- Kumar B., S., Kumar A. M. & Nagadesi P.K. (2026). New distribution records and taxonomic studies of ascomycetous fungi *Xylaria* and *Daldinia* (Ascomycota: Xylariales: Xylariaceae) in Karnataka, India. *Journal of Threatened Taxa* 18(3): 28510-28523.
- Uma G. S., Durga, G., Katteppanavar, A. D., Nalini U. R., & Sharma L. (2026). Comparative Analysis of Butterfly Diversity and Community Structure in Two Distinct Protected Areas of the Western Ghats, India. *Journal of Biology and Nature*, 18(1), 357-364.
- Meghna T., Vipin, P., Amit, P., & Ranjna K. (2026). Diversity of Bambusicolous Endophytic Fungi Associated with *Dendrocalamus strictus* in Doon Valley, Uttarakhand, India. *Asian Journal of Research in Agriculture and Forestry*, 12(1), 207-223.
- Sharma V., Jain P. K., Choyal P., Divte P. R., Vandna, Prajapat R. K. & Singh B. (2026). Iron and Sulphur Cross Talk Regulates the Root System Architecture, Phytosiderophores Biosynthesis and Release and Expression of Fe-PS Transporter in Wheat. *Agricultural Research*, 1-12.

Book chapter Published:-

- Sharma, N., Chauhan, P., Tapwal A., Thakur, T.S., Thakur P., Chauhan M. and Sharma P. (2026). Interaction of melatonin with other phytohormones in the regulation of abiotic stresses in horticultural plants. In: Altaf. M.A., Kumar R., Tiwari, R.K. and Lal M.K (eds.). *Melatonin in Horticultural Plants: A Multifunctional Molecule for Abiotic Stress Tolerance*. Academic Press. pp 245-272.

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