



ICFRE

NEWSLETTER

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**INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION
P.O. NEW FOREST, DEHRADUN (UTTARAKHAND)**



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**Indian Council of Forestry Research and Education
P.O. New Forest, Dehradun- 248 006
E-mail: adg_mp@icfre.org, Phone: 0135-2755221
Visit us @ www.icfre.org**

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July to December 2015

Patron:

Dr. Ashwani Kumar, Director General

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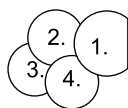
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All Communication and suggestions for improvement may kindly be addressed to:

Honorary Editor

Shri Raja Ram Singh

Assistant Director General
Media & Extension, Directorate of Extension
ICFRE, P.O. New Forest, Dehradun - 248006
Email: adg_mp@icfre.org



Front Cover:

1. Visit of Shri Prakash Javadekar, Hon'ble Minister of State (Independent Charge) of Environment, Forest & Climate Change, to RFRI, Jorhat
2. Visit of DG, ICFRE to IFGTB, Coimbatore
3. Workshop organized by CFLE, Agartala on Bamboo Propagation, Preservation and Value Addition for skill up gradation and entrepreneurship development
4. DG, ICFRE lighting the lamp during Hindi Week closing ceremony at ICFRE, Dehradun

Back Cover:

Swatchh Bharat Abhiyan was celebrated in ICFRE, Dehradun

Patron's Column



The Indian Council of Forestry Research and Education (ICFRE), Dehradun has been undertaking the holistic development of forestry research through need based planning, promoting, conducting and coordinating research, education and extension covering all aspects of forestry. In its continued efforts of making great strides in the field of forestry research, extension and education, the Council has come up with identification of new species of spider and leaf gall parasite in addition to development of volume equations for Teak in Gujarat state.

Under BTSG- ICFRE, training workshops on National Bamboo Database web portal/ software usage were conducted for sensitization and familiarization of state bamboo mission directors of National Bamboo Mission and Divisional Level Officers of Madhya Pradesh, Chhattisgarh, Maharashtra, Uttar Pradesh, Gujarat, Rajasthan, Jammu & Kashmir, Himachal Pradesh, Punjab, Uttarakhand, Uttar Pradesh, Andhra Pradesh, Telangana, Karnataka, Tamil Nadu, Kerala, Goa, Bihar, Jharkhand, West Bengal and Odisha state. The representatives of Council also actively participated in 21st Conference of Parties (CoP -21), at Paris and attended first regional workshop on Developing Strategies for Communication, Partnership and Monitoring REDD+ Himalayas held at Kathmandu.

A comprehensive Intellectual Property Management Policy (IPMP) for ICFRE and its various Institutes has been approved and notified for overall decision making pertaining to issues related to Patent/Commercialization of technology. Several Institutes under council have taken initiatives to air the technologies/advisories/practices related to forestry through radio and doordarshan for their wider dissemination.

The Council has successfully completed an Integrated Community Based Forest Management Project in Bihar i.e. "Samudai Adharit Samanvit Van Prabandhan Evam Samrakshan Yojana (SASVPESY)" sponsored by Planning Commission under which the plantation of poplar in Vaishali district was extended up to 78.4 lakh plants at the end of the project. Tree Growers Mela/Kisan Melas were organized by IWST, Bengaluru and RFRI, Jorhat for sensitizing various stakeholders about the technologies and processes available for dissemination. Similarly, networking activities were undertaken in collaboration with KVKs by all Institutes under the Council.

In the process of rendering scientific consultancy services to various stakeholders for effective environmental management, the Council submitted first Interim Report on Carrying Capacity Study of Saranda region in West Singhbhum District, Jharkhand and has entered into agreement with THDCIL, Rishikesh, North Eastern Coalfields (NEC), Margherita, Assam and Jasol Water Pollution Control and Treatment Trust and Balotra Water Pollution Control Treatment Research Foundation Trust, Balotra, Rajasthan.

I hope that this issue of Newsletter will provide overview of various activities being undertaken at Council.

Dr. Ashwani Kumar
Director General

HR NEWS

Name & Designation	Date
Appointments	
Deputation:	
Shri R.S.C. Jayaraj, IFS, Director, RFRI, Jorhat	01.07.2015
Shri Anil V. John, DCF, IFB, Hyderabad	12.11.2015
Shri Salil Dhawan, DCF, FRI	16.11.2015
Shri D. Jayaprasad, IFS, CF, IFB, Hyderabad	27.11.2015
Shri Bega Ram Jat, DCF, AFRI, Jodhpur	27.11.2015
Shri Senthil Kumar Muthukumaran, IFS, CF, IFGTB, Coimbatore	14.12.2015
Shri N. Mohan Karnat, IFS, CF, IWST, Bengaluru	14.12.2015
Promotions:	
Shri Ramesh Pal, Section Officer, FRI	22.07.2015
Shri Bilash Singh, R.O. Gd. I, AFRI, Jodhpur	23.07.2015
Smt. Sangeeta Tripathi, R.O. Gd. I, AFRI, Jodhpur	16.07.2015
Smt. Neelam Verma, R.O. Gd. I, AFRI, Jodhpur	16.07.2015
Ms Desha Meena, R.O. Gd. I, AFRI, Jodhpur	16.07.2015
Shri Arvind Johri, Section Officer, FRI	03.08.2015
Dr. Meeta Sharma, Scientist-B, AFRI, Jodhpur	04.09.2015
Dr. Manish Kumar, Scientist-B, ICFRE (Hq.)	04.09.2015
Shri Vivek Goyal, Section Officer, FRI	11.09.2015
Dr. Naveen Kumar Bohra, Scientist-B, AFRI, Jodhpur	01.10.2015
Shri R.K. Mishra, Scientist-B, ICFRE (Hq.)	01.10.2015
Shri G. Subhash Chandra Bose, Section Officer, IFP, Ranchi	21.12.2015
Shri B.K. Sharma, Section Officer, FRI	03.12.2015
Shri Sanjeev Khugshal, Section Officer, ICFRE (Hq.)	03.12.2015
Sh. A.K. Sarmah, R.O., RFRI, Jorhat,	25.02.2016
Smt. Jinti B. Borthakur, R.O., RFRI, Jorhat	25.02.2016
Smt. R.D. Borthakur, R.O., RFRI, Jorhat	29.02.2016
Smt. C.N. Vani, R.O., IWST, Bangalore	30.12.2015
Smt. S. Shashikala, R.O., IWST, Bangalore	30.12.2015
Smt. Ellora Dutta Borah, R.O., RFRI, Jorhat	31.12.2015
Repatriation/Relieving from ICFRE:	
Shri G.C. Pant, DCF, VVB, New Delhi	15.07.2015
Shri R.K. Acharya, DCF, ICFRE	10.10.2015
Shri Bipta Uraon, FRO, IFP, Ranchi	17.10.2015
Dr. V. Ramakantha, IFS, Director, IWST, Bengaluru	26.10.2015
Ms Kamal Preet, IFS, ADG (Edu. & RB), ICFRE	30.11.2015
Shri Kunal Satyarathi, IFS, CF, FRI	28.12.2015
Retirement:	
Shri Chaman Lal, Under Secretary, ICFRE (Hq.)	31.07.2015
Dr. M.K. Gupta, Scientist-F, FRI	31.08.2015
Dr. (Smt.) Pushpa Borai, Scientist-C, FRI	31.08.2015
Shri Shailendra Kaushik, Chief Librarian, FRI	31.08.2015
Shri Surendra Singh Rautela, FRO, FRI	31.08.2015
Shri Pitamber Dutt, Section Officer, FRI	31.08.2015
Dr. S. Mohan, Scientist-C, IWST, Bengaluru	30.09.2015
Shri H.N. Dhungana, Scientist-B, RFRI, Jorhat	30.09.2015
Shri Shamsher Khan, Private Secretary, ICFRE (Hq.)	31.10.2015
Smt. Vijay Dhasmana, Under Secretary, ICFRE (Hq.)	30.11.2015
Shri Ramesh Chandra Dwivedi, Section Officer, ICFRE (Hq.)	30.11.2015
Shri Supriya Kumar Bakshi, Section Officer, IFP, Ranchi	30.11.2015

Promotions under FCS

As on 1 July 2015

Scientist-B to Scientist-C

Shri Shera Ram Baloch, AFRI, Jodhpur
Smt. Tresa Hamalton, TFRI, Jabalpur

Scientist-C to Scientist-D

Dr. B.M. Dimri, FRI, Dehradun
Smt. Bhawana Sharma, AFRI, Jodhpur
Shri Muthukumar Arunachalam, IWST, Bengaluru
Dr. P.K. Das, RFRI, Jorhat
Dr. Vishwajit Kumar, ICFRE, Dehradun

Scientist-D to Scientist-E

Dr. Anup Chandra, FRI, Dehradun
Dr. Ashutosh Srivastava, IWST, Bengaluru
Shri H.P. Singh, FRI, Dehradun
Shri M.V. Rao, IWST, Bengaluru
Dr. (Smt.) Nanita Berry, TFRI, Jabalpur
Dr. N. Senthil Kumar, IFGTB, Coimbatore
Dr. S.P. Chaukiyal, FRI, Dehradun

Scientist-E to Scientist-F

Dr. A. Nicodemous, IFGTB, Coimbatore
Dr. Geeta Joshi, IWST, Bengaluru
Dr. M.K. Gupta, FRI, Dehradun
Smt. Neelu Singh, TFRI, Jabalpur
Shri V.R.S. Rawat, ICFRE, Dehradun

From Scientist-F to Scientist-G

Dr. Krishan Kumar V.S., FRI, Dehradun
Dr. Sadhna Tripathi, FRI, Dehradun
Shri Sudhir Kumar, ICFRE, Dehradun

Transfer:

<u>Name of Officer</u>	<u>From</u>	<u>To</u>
Dr. Parveen, Scientist-D	FRI, Dehra Dun	RFRI, Jorhat
Shri A.J.K. Asaiya, R.O. Gd.I	IFB, Hyderabad	TFRI, Jabalpur
Shri Khem Singh, DCF	TFRI, Jabalpur	IWST, Bengaluru
Dr. Fatima Shirin, Scientist-E	IFB, Hyderabad	TFRI, Jabalpur
Dr. N. Ravi, Scientist-C	RFRI, Jorhat	IWST, Bengaluru
Dr. Rupnarayan Sett, Scientist-D	TFRI, Jabalpur	CSFER, Allahabad (under FRI)

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Obituary

The ICFRE family deeply condoles the sudden and sad demise of Shri Satya Swaroop, R.A.-I (Gen), NWFP Division on 15.09.2015 and Shri Laxman Singh, Office Facilitator (MTS), IT Division ICFRE Dehradun on 24.09.2015 and prays for the peace of the departed souls.

Visit of Shri Prakash Javadekar, Hon'ble Minister of State (Independent Charge) for Environment, Forest & Climate Change to ICFRE Institutes

- ❖ Shri Prakash Javadekar, Hon'ble Minister of State (Independent Charge) for Environment, Forest & Climate Change, Government of India visited IWST, Bengaluru and reviewed the progress of the research activities on 19 October 2015. The Hon'ble Minister emphasized for development of user-friendly and societal-oriented research works.
- ❖ He also visited RFRI, Jorhat on 16 November 2015 and participated in a **Farmers' Meet** organized by the Institute. He inaugurated an exhibition of research & development activities showcased by RFRI, Jorhat. He discussed with the scientists and other research workers about objectives and findings of various research projects of the Institute. He also interacted with farmers, tree growers, bamboo artisans, craftsmen, agar traders, JFMC members etc.



Visit of Shri Prakash Javadekar, Hon'ble Minister of State (Independent Charge) of Environment, Forest & Climate Change, to IWST, Bengaluru



Visit of Shri Prakash Javadekar, Hon'ble Minister of State (Independent Charge) of Environment, Forest & Climate Change, to RFRI, Jorhat

Workshops/ Seminars/ Meetings etc.

- ❖ An interaction meeting with selected group of farmers was organized by HFRI, Shimla on 10 July 2015 at Model Village, Lanabanka to take up planting activities around natural water resources. The activity was organized under Eco-Wash Research Project funded by DST, New Delhi.
- ❖ Centre for Forest-based Livelihoods (CFLE), Agartala, Tripura organised five days workshop from 13 to 17 July 2015 and a one day workshop on 4 August 2015 on **Bamboo Propagation, Preservation and Value Addition for skill upgradation and entrepreneurship development** that was attended by members of SHILPEE, an NGO and Bamboo Volunteers.
- ❖ HFRI, Shimla organized one day meeting-cum-Camp workshop on **Cultivation of Atish (*Aconitum heterophyllum*) and Bankakri (*Podophyllum hexandrum*)** under NMPB, New Delhi funded project on 12 August 2015 at Nichar, District Kinnaur (HP), which was attended by 34 participants from Nichar village of district Kinnaur (HP).
- ❖ One Day workshop on **Finalization of Bamboo working Manual** was organized by Tropical Forest Research Institute (TFRI), Jabalpur on 13 August 2015.
- ❖ FRI, Dehradun organized a two days training workshop for IFS officers on 21 and 22 September 2015 on **Forest Transition in India** sponsored by Ministry of Environment, Forest & Climate Change (MoEF & CC), Govt. of India.
- ❖ A Meeting-cum-workshop on **Documentation of medicinal plants ingredients in curing 10 most common diseases** was organised by CFLE, Agartala on 25 August 2015. The traditional and scientific information recorded during interactions were compiled.



Workshop organized by CFLE, Agartala on Bamboo Propagation, Preservation and Value Addition for skill upgradation and entrepreneurship development



Meeting-cum-workshop organised by CFLE, Agartala on Documentation of Medicinal Plants Ingredients in curing 10 most Common Diseases

- ✘ A one day closure workshop on **Socio-economic Development through Poplar Plantation in Bihar** was held at Hotel Patliputra Ashok, Patna on 29 September 2015 under Integrated Community Based Forest Management Project in Bihar i.e "*Samudai Adharit Samanvit Van Prabandhan Evam Samrakshan Yojana (SASVPESY)*" of Bihar State sponsored by Planning Commission (NITI Aayog), Govt. of

India. Under the project, the plantation of poplar in Vaishali district was initially started in 2007 with 8000 plants, which kept increasing to the extent of 78.4 lakhs at the end of the project.

- ✘ FRI, Dehradun organized Ministry of Environment, Forest and Climate Change (MoEF&CC) sponsored training workshop on **National Working Plan Code 2014** on 22 and 23 November 2015.
- ✘ BTSG-ICFRE organized **Training Workshop on National Bamboo Database Web portal/software usage** for sensitization and familiarization of State Bamboo Mission Directors of National Bamboo Mission on 1 July 2015 and for Division level officers of state of Madhya Pradesh, Chhattisgarh, Maharashtra, Gujarat, Rajasthan, Jammu & Kashmir, Himachal Pradesh, Punjab, Uttarakhand, Uttar Pradesh, Andhra Pradesh, Telangana, Karnataka, Tamil Nadu, Kerala, Goa, Bihar, Jharkhand, West Bengal and Odisha between 11 August 2015 and 29 December 2015.

Training Programmes

- ✘ FRI, Dehradun organized short-term training on **Forestry Management** from 6 to 10 July 2015 for 135 Eco-Task Force Territorial Army, Assam.
- ✘ FRI, Dehradun organized short-term training on **Silviculture** from 13 to 15 July 2015 for officers & field managers from IFFCO.
- ✘ A training programme for Forest Range Officer Trainees of 2014-15 batch of Central Academy for State Forest Service, Coimbatore on Wood Science and Technology was conducted by IWST, Bengaluru from 20 to 24 July 2015. A total of 32 participants from states of Jammu & Kashmir, Tamil Nadu, Maharashtra and Himachal Pradesh participated in the training.



IWST, Bengaluru organized Training programme for Forest Range Officer Trainees on Wood Science and Technology

- ✘ Two days training programme for IFS officers was organized in Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore on **Bioprospecting – Role of State Forest Departments** on 23 and 24 July 2015.

- ✘ RFRI, Jorhat organised training-cum-workshop on following dates on Bamboo Handicraft (Direct to Consumer Scheme of ICFRE) under the project **capacity building, skill upgradation of artisans and promotion of traditional bamboo handicraft and art with improved technology, suitable design and value addition :-**
 - 27 July to 8 August 2015 for 21 trainees from the Institution for culture and Rural Development (I-CARD), Baghchung, Jorhat.
 - 2 to 13 November 2015 for 27 trainees from Senapati district, Manipur and Karbi-Anglong district, Assam.



Training-cum-workshop on Bamboos Handicraft organised by RFRI, Jorhat

- ✘ The Energy Research Institute (TERI), New Delhi sponsored three days exposure visit of farmers was organized at IFP, Ranchi under **Agriculture, greening, training, capacity building and income generation programme** from 29 to 31 July 2015 for the farmers and forest-based communities of Neturia Block, Purulia, West Bengal.



Exposure visit of farmers at IFP, Ranchi

- ✘ MoEF&CC sponsored one week compulsory training course for the IFS officers on **Forest Genetic Resource Management** was organized at IFGTB, Coimbatore from 10 to 14 August 2015.
- ✘ FRI, Dehradun conducted two DST sponsored five days training programme on **Handmade Paper**

from *Lantana camara* from 24 to 28 August 2015 and from 2 to 6 November 2015 for Self-Help Group, Ramgarh Sikri from Talwara Block of Kandi region of Hoshiyarpur.

- ✘ One day training programme on **Bio-fertilizers and Organic Farming** was organized by CFRHRD, Chhindwara at gram Karaboh, Chhindwara District on 25 August 2015 for the farmers and villagers.
- ✘ A one day training programme on **Bamboo handicrafts and jewellery** was organized at CFLE on 1 September 2015 for trainee artisans from Ananya SHG.
- ✘ Under the Scheme **Training of Personnel of Other Services** of MoEF & CC; HFRI, Shimla organised a training programme on **Planting Stock Improvement Programme for Productivity Enhancement** from 7 to 9 September 2015 for several line departments personnels so as to sensitize them about various forestry practices and operations for productivity enhancement.
- ✘ IFGTB, Coimbatore organised a programme on training-cum-demonstration on Bio-fertilizer Production and Application Methods in Nursery and Field for SFD Officials, Farmers etc. on 4 September 2015.



Training-cum-demonstration on Bio-fertilizer Production and Application Methods in Nursery and Field by IFGTB, Coimbatore

- ✘ A one day training programme on **Bamboo propagation, preservation and value addition for skill upgradation and entrepreneurship development** was organized at CFLE on 11 September 2015. Members of Ananya SHG and artisans from Gandhigram area and members of Bamboo Volunteers participated in the training programme.



Training on Bamboo propagation, preservation and value addition organised by CFLE, Agartala

- ✘ To sensitize the farmers and field functionaries of HPSFD towards medicinal plants cultivation and conservation, a one day training and demonstration programme on **Cultivation of Atish, Ban Kakri and other important Temperate Medicinal Plants** was organized by HFRI at Udaipur, Lahaul (H.P.) on 26 September 2015 under the National Medicinal Plants Board, New Delhi funded research project. 52 progressive farmers of Pattan Valley of Lahaul & Spiti and frontline staffs of Lahaul Forest Division participated in this training programme.



Training & demonstration Programme on cultivation of important temperate medicinal plants by HFRI, Shimla

- ✘ RFRI, Jorhat organized one day training programme on 27 September 2015 for 38 farmers from Seva Kendra (NGO), Dibrugarh on lac cultivation, techniques of bamboo propagation and nursery management practices, different product development activities and bamboo treatment at Bamboo Composite Centre.



Training programme on lac cultivation, techniques of bamboo propagation etc organised by RFRI, Jorhat.

- ✘ IFGTB, Coimbatore organized MoEF&CC sponsored three days training programme on **Agroforestry models – Establishment and Management for other service personnel** from 14 to 16 October 2015.
- ✘ HFRI, Shimla, organized **MoEF&CC sponsored training programme on Cultivation of Medicinal Plants for other stakeholders** at Wildlife Interpretation and Information Centre, Manali, District-Kullu (H.P.) from 19 to 21 October 2015.



Training programme on Cultivation of Medicinal Plants at HFRI, Shimla

- ✘ A training programme on Demonstration-cum-Interaction Meeting on bio-fertilizer production and application in nursery and field was conducted by IFGTB, Coimbatore for HADP Watershed Cluster Farmers, Women Self -Help Groups, NGOs and Tree Growers of Nilgiri Hills at Gudalur region from 21 to 23 October 2015.
- ✘ RFRI, Jorhat organized a training on **Capacity building for rural youth for livelihood generation** for trainees from Sarthe Kro and Rongchehar village of Dolamara in Karbi-Anglong district of Assam from 2 to 13 November 2015.
- ✘ A training on **Bamboo Treatment Technique and value addition of Bamboo** at TRIBAC, Agartala was organized on 12 November 2015.
- ✘ One week training on **Bamboo craft-cum-awareness programme** was organized on 13 November 2015 at RFRI for the participants from Senapati and Imphal Districts of Manipur.
- ✘ IFGTB, Coimbatore organized MoEF&CC funded three days training on **Agro-forestry models-establishment and management** from 18 to 20 November 2015. Assistant Professors

from KVK, Tamil Nadu Agricultural University and Agriculture Officers from the Agriculture Department participated in this training.



Training on Agro-forestry models-establishment and management at IFGTB, Coimbatore

- ✘ Two days training programme and exposure visit for 25 farmers of Lanabanka village, district Sirmaur, Himachal Pradesh was organized by HFRI, Shimla on 20 and 21 November 2015 under Department of Science and Technology, Govt. of India funded project on **ECO-WASH**.
- ✘ One day training programme on **Disease and Insects Pest Management in forest nurseries and plantations and their control** was organized by CFRHRD, Chhindwara on 26 November 2015 for the officials of State Forest Department.
- ✘ Two days training programme on **Carbon sequestration through afforestation** was organized by TFRI, Jabalpur on 1 and 2 December 2015 for the Officers and Staffs of the Steel Authority of India Limited at Rourkela, Odisha.
- ✘ CFLE, Agartala organized one day training programme on **Bamboo Treatment Technique and TryBam** (treated bamboo) was launched at TRIBAC, Agartala on 2 December 2015.
- ✘ FRI, Dehradun organized short-term training on **Forest Fire Disaster Risk Mitigation** from 14 to 18 December 2015 for participants from NIDM, New Delhi.
- ✘ A five days training programme on **Bamboo Production, Management and Marketing to the Farmers of Himachal Pradesh** under Bamboo Technical Support Group (BTSG) Scheme of National Bamboo Mission (NBM) was organized by HFRI, Shimla from 14 to 18 December 2015.



Training programme on Bamboo Production, Management and Marketing organized by HFRI, Shimla

- ✘ One day training programme on **Utilization of Wastelands** was organized by CFRHRD, Chhindwara at Bhaissadand village on 22 December 2015 for farmers/villagers.
- ✘ Two days training programme on **Use of Bio-fertilizers** was organized by TFRI, Jabalpur on 29 and 30 December 2015 for officials from Maharashtra State Forest Department.
- ✘ Five days training programme for farmers of Uttar Pradesh on **Baans Ki Vyavsaik Kheti: Nursery, Ropan Evam Bikri Vidhinya** was conducted at CSFER, Allahabad from 2 to 6 November 2015.

Participation in Foreign Meetings/ Workshops/ Symposia etc.

- ✘ Dr. Rajiv Pandey, Scientist-E, ICFRE, Dehradun visited Kathmandu, Nepal to participate in the **Regional Training Course on SERVIR Science Application with a special focus on MODIS products** from 20 to 22 July, 2015.
- ✘ Dr. N. S. Bisht, Director (IC), ICFRE, Dehradun visited U.S.A. to attend **Policy Exchange on Reducing Emission from Deforestation and Forestry Degradation (REDD⁺) under the Partnership for Land Use Science (Forest-PLUS) Technical Assistance Programme** from 25 to 31 July 2015.
- ✘ Dr. Vineet Kumar, Scientist-F, Forest Research Institute (FRI), Dehradun visited Institute of Food Chemistry, Technische University Braunschweig, Bonn, Germany under **DAAD Reinvention Programme** from 1 July 2015 to 31 August 2015.
- ✘ Dr. K. P. Singh, Scientist-D, FRI, Dehradun visited Damyang, Korea to participate in the **10th World Bamboo Congress (WBC) – 2015** from

17 to 22 September 2015.

- ✧ Shri M. Srinivasa Rao, CF, Institute of Wood Science and Technology (IWST), Bengaluru and Dr. Ashutosh Srivastava, Scientist- E, IWST, Bengaluru visited Hanoi, Vietnam to attend a Conference on **Sandalwood and Medicinal Plant** from 21 to 25 September 2015.
- ✧ Dr. K. K. Pandey, Scientist-G, IWST, Bengaluru visited Perth, Australia to attend **UNEP-EEAP Meeting** from 22 to 30 September 2015.
- ✧ Dr. B. Nagarajan, Scientist-F and Dr. Madhumita Dasgupta, Scientist-F, Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore visited Zhanziang, China to attend IUFRO conference on **Eucalypt-2015** from 19 to 25 October 2015.
- ✧ Dr. Meena Bakshi, Scientist-E, FRI, Dehradun attended **IUFRO Eucalyptus International Conference** held in China from 21 to 24 October 2015.
- ✧ Dr. T. P. Singh, ADG (BCC), ICFRE, Dehradun visited Turkey to attend **Conference of Parties (COP-21)** meeting of UNCCD on 16 November 2015.
- ✧ Dr. R.K. Borah, Scientist-E, Rain Forest Research Institute (RFRI), Jorhat visited Taiwan to participate in **World Intense Repopulation**

Alliance Taiwan Organization on 17 November 2015.

- ✧ Dr. Manisha Thapliyal, Scientist-E, FRI, Dehradun attended a training workshop on **Systematic Review in Forest Science** under IUFRO-Special Programme for Development of Capacities at Forest Research Institute Malaysia, Selangor, Malaysia from 17 to 19 November 2015.
- ✧ Dr. Ashwani Kumar, DG, ICFRE, Dehradun; Dr. G. S. Goraya, DDG (Research), ICFRE, Dehradun and Dr. T.P. Singh, ADG (BCC), ICFRE, Dehradun visited Paris, France to participate in the **21st Conference of Parties (COP)** from 5 to 11 December 2015.
- ✧ Dr. V. Siva Kumar, Scientist-E, IFGTB, Coimbatore visited Thailand to participate in the **3rd ACMECS Bioenergy-2015** from 8 to 11 December 2015.
- ✧ Shri R.S.C. Jayraj, Director, RFRI, Jorhat; Dr. T.P. Singh, ADG(BCC), ICFRE; Dr. Shilpa Gautam, Scientist-D, ICFRE, and Dr. R. S. Rawat, Scientist-C, ICFRE, visited Kathmandu, Nepal to participate in the First Regional Workshop on **Developing Strategies for Communication, Partnership and Monitoring REDD⁺ in Himalayas.**

Research Findings

- ✧ Scientists of **TFRI, Jabalpur** have identified new spider upto genus level: *Bomis* sp. under Family: Thomisidae.
- ✧ Scientists of **FRI, Dehradun** have identified a new species of *Aprostocetus* parasitizing *Pauropsylla ficicola*, a leaf gall making psyllid of *Ficus roxburghii*.
- ✧ **AFRI, Jodhpur** has found out that out of twelve possible combinations of three cut types (horizontal, vertical and oblique) of four sizes (1, 2, 3 and 4 cm) tried to harvest guggul gum without use of enhancers in *Commiphora wightii*, highest gum yield was recorded in 4 cm horizontal cuts. Moreover, there was no casualty in any treated plant even after nine months. Significant positive correlation between gum yield and girth size has also been observed.
- ✧ **AFRI, Jodhpur** has developed following volume equations for Teak in Gujarat state :
Total volume over bark = $-0.007532+0.0000386848106*D^2*H$
Total volume under bark = $-0.014092+0.0000285536204*D^2*H$
Timber over bark = $-0.128013+0.0000289325445*D^2*H$
Timber over bark = $-0.091108+0.0000222386203*D^2*H$
- ✧ **HFRI, Shimla** under one of the ongoing research projects observed that light trap can be used for detection and effective control of *Thysanoplusia orichalcea* which affects economically important medicinal plants *Saussurea* sp. The trap efficiency for controlling the adult population varied between 60-80%.

- ✧ **RFRI, Jorhat under Studies on the diversity of soil borne entomo-pathogenic fungi (EPF) in different land use system of north-east India and their utility for the management of major defoliators of *Gmelina arborea* Roxb. and *Aquilaria malaccensis* Lamk** tested the safety of promoting fungal pathogens against non-target

organisms, particularly the beneficial insects.

The potential isolates of EPF, *Beauveria bassiana*, *Metarhizium anisopliae*, *Verticillium lecanii* and *Paecilomyces* sp. were tested for their safety to Eri silkworm, *Samia ricini* and it was found that none of the fungal isolates affected the larvae of Eri silkworms.

Visit of Dignitaries

- ✧ Mr. Anirban Roy, Regional Advisor, British Deputy High Commission, Kolkata visited RFRI, Jorhat on 30 September 2015 and apprised the scientists and officers about various opportunities offered by British Government for higher studies and other research funding.
- ✧ Dr. K. Dhileepan, Principal Entomologist, Invasive Plant Science, Biosecurity Queensland, Department of Agriculture, Fisheries & Forestry, Ecosciences Precinct, Brisbane, Australia visited IFGTB, Coimbatore from 20 to 22 October 2015 and reviewed the ongoing collaborative project on **New bio-control opportunity for prickly acacia : exploration in India** and had an interactive meeting with the officials of IFGTB regarding future collaboration in the field of Invasive Weed management.
- ✧ Prof. Jorma Neuvonen, University of British Columbia, Vancouver, Canada visited IWST, Bengaluru on 2 November 2015. He interacted with the scientists of the Institute and visited laboratories.
- ✧ Shri Kamakhya Prasad Tasa, Hon'ble Member of Parliament, Jorhat Constituency, Assam visited RFRI, Jorhat on 13 November 2015 and took part in the Valedictory session of training-cum-workshop on bamboos handicraft programme. He emphasized on the need of the Institute to gear up with more training programmes for skill development of rural people.
- ✧ Shri Bali Bhagat, Hon'ble Forest Minister, Govt. of J&K alongwith Shri A.K. Singh, PCCF, Govt. of J&K visited IWST, Bengaluru on 22 December 2015.

Publications

- ✧ Biodiversity and Climate Change Division of ICFRE has published following documents/books:
 1. **Elucidation of the Sixth National Report** Submitted to UNCCD Secretariat By Shri Saibal Dasgupta, DDG (Extension), Dr. T.P. Singh, ADG (BCC), Dr. R.S. Rawat, Scientist - C, ICFRE and Dr. Lalit Kumar Sharma, Consultant.
 2. **Climate Change Mitigation and Adaptation in Forestry Sector in India** By Dr. T.P. Singh, ADG (BCC), Shri V.R.S. Rawat, Scientist - F, and Dr. R.S. Rawat, Scientist - C, ICFRE.
- ✧ IFGTB, Coimbatore published following training manuals/proceedings:
 - Training Manual on **Forest Resources in India: Opportunities in Bio-prospecting.**
 - Training manual on **Agro-forestry models- Establishment and Management.**
 - Proceedings of Tree Seed Science and Silviculture workshop held on 29 November 2013.
- ✧ TFRI, Jabalpur published proceeding of workshop on **Biological Diversity Act, 2002: Constraints and Opportunities for Scientific Community.**

Consultancies

- ✘ In the process of rendering scientific consultancy services to various stakeholders for effective environmental management, following activities were undertaken by ICFRE, Dehradun:
 - Preparation and submission of first Interim Report on Carrying Capacity Study of Saranda region in West Singhbhum District, Jharkhand.
 - Submission of Fifteen (15) Reports on R&R Plans of Category 'C' mines in Karnataka to the Govt. of Karnataka and CEC of Hon'ble Supreme Court of India.
 - Submission of Final Report on Cumulative Environment Impact Assessment Study of Hydro-electric Projects on river Yamuna, its tributaries in Uttarakhand to Uttarakhand Jal Vidhyut Nigam Limited, Govt. of Uttarakhand, Dehradun.
 - Submission of Final Draft Report on Cumulative Environment Impact Assessment Study of Hydro-electric Projects on Sutlej river Basin in Himachal Pradesh to MoEF&CC, New Delhi.
 - New Consultancy regarding Third Party Monitoring of Catchment Area Treatment Plan of Vishnugad Pipalkoti Hydro-electric Power Project (444 MW), District Chamoli, Uttarakhand has been awarded to ICFRE, Dehradun by THDCIL, Rishikesh.
 - A consultancy project entitled **Preparation of Biodiversity Management Plan, Carrying Capacity Study, Regional Wildlife Plan for North Eastern Coalfields (NEC), Margherita, Assam** was awarded to RFRI, Jorhat on 16 September 2015.
 - **AFRI, Jodhpur** under consultancy project on **Suitability of High TDS treated Effluent Water for Growth of Forestry Tree Species** shall provide technical guidance/report for using treated waste-water generated from various small industries situated in Jasol and

Balotra industrial area for growing forestry tree species. It was funded by Jasol Water Pollution Control and Treatment Trust and Balotra Water Pollution Control Treatment Research Foundation Trust, Balotra, Rajasthan.

✘ Important meetings under various consultancies

- Working group meeting of ICFRE team members and Domain Experts for **Carrying Capacity Study of Saranda region in West Singhbhum District, Jharkhand** at Dehradun on 3 July 2015.
- Meeting with Director, Mines and Geology, Govt. of Karnataka in respect of R&R Plan BCT, Karnataka on 17 July 2015 at Bengaluru.
- Working group meeting of ICFRE team members of **CEIA Study of Sutlej Basin H.P.** at Dehradun on 23 July 2015 for discussion and finalization of the various issues related of CEIA Study of HEP of Sutlej Basin in H.P.



Working group meeting of CEIA Study of Sutlej Basin H.P. at ICFRE, Dehradun

- Core-Committee meeting at CPCB, New Delhi on 27 July 2015 to finalize the report on the basis of Sub-Committee reports received from NGT.
- Meeting convened by Secretary C&I, Govt. of Karnataka on 1 August 2015 regarding preparation of R&R Plan of 15 mines of Category 'C' under R&R Plan BCT, Karnataka project.

- Meeting convened by CEC of Hon'ble Supreme Court of India at New Delhi on 8 September 2015 regarding preparation of R&R Plan of 15 mines of Category 'C' under R&R Plan BCT, Karnataka project.
- Meeting at CIL, Kolkata regarding Verification of Reclamation work and IBM, Kolkata

regarding Carrying Capacity Study of Saranda on 4 and 5 November 2015 respectively.

- Meeting regarding R&R Plan under Chairmanship of the Chief Secretary, Govt. of Karnataka on 17 November 2015 at Bengaluru.
- Inception-cum-Appraisal meeting on 2 December 2015 at IFP, Ranchi regarding Coal India Limited Project.

Tree Growers' Mela/ Kisan Mela

- ✘ AFRI, Jodhpur participated in *Jan Suchana Abhiyan* organized by Press Information Bureau, Jodhpur at Ummedpur village of Jalore District from 2 to 4 September 2015. Technology developed in the Institute was displayed in the mela to create awareness on environmental issues and agro-forestry.
- ✘ AFRI, Jodhpur participated in **Kishan Mela** at Central Arid Zone Research Institute, Jodhpur on 24 September 2015.
- ✘ RFRI, Jorhat participated in the **Farmers' Fair** at Regional Agricultural Research Station, Titabor, Assam and took part in the Exhibition on 6 November 2015.
- ✘ IWST, Bengaluru & Sandalwood Society of India jointly organized **Sandalwood Growers' Meeting** on 7 November 2015 at IWST, Bengaluru. About 250 farmers participated in the mela. The Mela was inaugurated by Shri. G.M. Siddeshwara, Hon'ble Minister, Heavy Industries and Public Enterprises, Government of India.

farmers, tree growers, bamboo artisans, craftsmen, agar traders, JFMC members and Govt. officials. An exhibition showcasing research & development activities of the Institute was also organized on the occasion. Union Minister of State (Independent Charge) for Environment, Forest & Climate Change, Government of India, Shri Prakash Javadekar and Member of Parliament, Jorhat, Shri Kamakhya Prasad Tasa, Dr. Anil Kumar, ADG (FC), MoEF&CC, Shri D. Mathur, PCCF & HoFF, Assam Forest Department and Dr. N.S. Bisht, Director (IC), ICFRE participated in the Meet.



Sandalwood Growers Meeting organized jointly by IWST, Bengaluru & Sandalwood Society of India



Farmers' Meet organized by RFRI, Jorhat

- ✘ RFRI, Jorhat organized a **Farmers' Meet** on 16 November 2015. It was attended by more than 300

- ✘ IWST, Bengaluru participated in *Krishimela 2015* organized by UAS, Bengaluru.



IWST, Bengaluru participated in *Krishimela 2015*

- ❖ RFRI, Jorhat participated in the **Farmer's Fair** organized by Sugarcane Research Station, Buralikson of Assam Agricultural University on 21 November 2015.

- ❖ TFRI, Jabalpur participated in International Herbal Mela, 2015 from 11 to 15 December 2015 organized by Madhya Pradesh State Minor Forest Produce (T&D) Cooperative Federation at Bhopal.

Miscellaneous

International Day of the World's Indigenous People

- ❖ ENVIS Centre at IFGTB, Coimbatore observed International Day of the World's Indigenous People on 9 August 2015. On this day, an event for sharing the traditional knowledge related to Forest Genetic Resources (FGR) of tribals living in forest hamlets was organized.



International Day of the World's Indigenous People observed at IFGTB, Coimbatore

- ❖ The 3rd edition of Dr. S. Kedharnath Memorial Lecture (KML-2015) was conducted in IFGTB, Coimbatore on **Dichotomy in Plant Breeding: Diversity and Uniformity** on 31 August 2015. A total number of about 140 participants attended the programme.



3rd edition of Dr. S. Kedharnath Memorial Lecture (KML-2015) at IFGTB, Coimbatore

Himalayan Day

- ❖ FRI, Dehradun celebrated Himalayan day on 9 September 2015, the theme of which was **Sabka**

Himalaya aimed at creating awareness amongst the general public including visitors.

International Day for Preservation of the Ozone Layer

- ❖ To mark the 30th anniversary of the Vienna Convention for the Protection of the Ozone Layer in 2015, the ENVIS Centre on Forest Genetic Resources and Tree Improvement at IFGTB, Coimbatore celebrated the International Day for the Preservation of the Ozone Layer by releasing a poster on facts related to the ozone layer for generating awareness on the importance of protecting this fragile layer.
- ❖ AFRI, Jodhpur also celebrated Ozone Layer Conservation Day on 16 September 2015 at Khejarali Kalan, Jodhpur.

National Forest Martyrs Day

- ❖ To commemorate the sacrifices made by forest officials who laid down their lives to protect forests and wildlife, National Forest Martyrs Day was observed at Brandis Road, FRI, Dehradun on 11 September 2015. It was recalled that it was on this day in 1730 that over 360 people of the Bishnoi community were killed in Khejarli, now in Rajasthan, when they had objected to the felling of Khejari tree by the then Maharaja of Jodhpur. A large number of officers and employees from ICFRE and all sister Institutes in Dehradun were present on the occasion.



Celebration of Forest Martyrs Day at FRI, Dehradun

World Bamboo Day

- ❖ CFLE, Agartala celebrated World Bamboo Day at Noagaon, Tripura on 18 September 2015, where farmers were exposed to various activities like Bamboo Nurseries, Bamboo Treatment at CFC, Agarbatti stick making, Clump Management etc. Field visits and interactions were organized at different Demo Plots at Noagaon for forestry students, representatives from TRIBAC and the local villagers.



Celebration of World Bamboo Day at Noagaon, Tripura by CFLE, Agartala

Philatelic collection at TFRI, Jabalpur

- ❖ A rich Philatelic collection consisting of more than 150 yrs old stamps by Dr. M.C. Sharma, APCCF (Working plan), Madhya Pradesh was donated and added to the Forest Museum and Interpretation Centre (FMIC) on 28 September 2015 at TFRI, Jabalpur.



Dr. M.C. Sharma, APCCF (Working Plan) M.P. cuts the ribbon for display of philatelic collection at FMIC, TFRI, Jabalpur

Swachha Bharat Abhiyan

- ❖ *Swachha Bharat Abhiyan* was celebrated in ICFRE, Dehradun on 146th birth anniversary of Rashtrapita Mahatma Gandhi. Dr. Ashwani Kumar, Director General, ICFRE administered the Swachha Bharat pledge to all employees of FRI and ICFRE at convocation hall after paying floral tribute to Gandhiji's photograph. Later, DG, ICFRE and all other officers, scientists and personnel carried out cleaning of the official building and surroundings.

World Soil Day

- ❖ The ENVIS Centre on Forest Genetic Resources and Tree Improvement at IFGTB, Coimbatore celebrated the World Soil Day on 4 December 2015. Scientists, Forest Officers, research staffs of the Institute and Forest Range Officer Trainees from Tamil Nadu Forest Academy, Coimbatore participated in the event.

International Mountain Day

- ❖ The ENVIS Centre on Forest Genetic Resources (FGR) and Tree Improvement at IFGTB, Coimbatore, Tamil Nadu observed the International Mountain Day 2015 on 11 December 2015. The function began with an invocation on mountains in Sanskrit. It was attended by Co-ordinator, ENVIS and other scientists and officers of Institute. Dr. P.V. Karunakaran, Principal Scientist from Salim Ali Centre for Ornithology and Natural History (SACON), Anaikatty delivered the lead lecture, **Mountains - The Land of Maxima.**



International Mountain Day celebration at IFGTB, Coimbatore

Van Mahotsava

- ❖ Van Mahotsava was celebrated in FRI, Dehradun; AFRI, Jodhpur; HFRI, Shimla; IFP, Ranchi and CSFER, Allahabad. All staffs, scientists and officers of respective Institutes actively took part in plantation activity of various tree and fruit species on this occasion.



Van Mahotsava celebration at FRI, Dehradun

Vigilance Awareness Week

- ❖ FRI, Dehradun observed the **Vigilance Awareness Week** from 27 to 31 October 2015. It started with administering pledge to all the staffs of the Institute.
- ❖ Vigilance Awareness Week was observed in IFGTB, Coimbatore from 26 to 31 October 2015 on the theme **Preventive Vigilance as a tool of Good Governance**. Essay competitions were organized to observe the week and prizes were distributed to the winners in the Valedictory session on 30 October 2015.



Vigilance Awareness Week celebration at IFGTB, Coimbatore

- ❖ The Vigilance Awareness Week was celebrated in RFRI, Jorhat from 24 to 30 October 2015 with

great enthusiasm. The week commenced with the taking of Vigilance Pledge by the Employees of the Institute and signing the Pledge Register to remain vigilant against corruption.

- ❖ Vigilance Awareness week was organized from 26 to 31 October 2015 in AFRI, Jodhpur. On the inaugural day, all officials and staff of the Institute took vigilance oath in presence of Director General, ICFRE. Various competitions like poster competition, essay competition, slogan competition etc. were organized on the theme of Preventive Vigilance as a tool of Good Governance.
- ❖ Vigilance Awareness week was organized from 26 to 30 October 2015 in HFRI, Shimla. On the inaugural day, all officials and staffs of the Institute took vigilance oath. Various competitions like poster competition, essay competition, slogan writing competition, whistle blower resolution competition, debate and poetry etc. were organized.
- ❖ Vigilance Awareness Week was observed from 26 to 30 October 2015 at IFP, Ranchi and all the officers and staffs attended this programme.

Exposure Visit

- ❖ BTSG-ICFRE organized an **exposure visit** for the master craft persons of Uttarakhand from 1 to 11 December 2015 to National Institute of Design (NID), Ahmedabad and Centre for Indian Bamboo Resource and Technology (CIBART), Vyara in Gujarat and Konkan Bamboo and Cane Development Centre (KONBAC), Kudal in Maharashtra and Madgaon in Goa.



An exposure visit to NID, Ahmadabad organized by BTSG-ICFRE

Awards

- ❖ The team of Shri Praveen Kumar Verma, Niren Das, P. K. Kaushik, V. Kumar and Alok Yadav from RFRI, Jorhat were awarded the prestigious Brandis Award-2013 for their research paper entitled **Vegetative propagation through air layering of *Guadua angustifolia* Kunth. - A commercially important bamboo** published in The Indian Forester (December, 2013).

Demonstrations

- ✘ 20 demonstration programmes were organized by TFRI, Jabalpur and CFRHRD, Chhindwara. In these demonstration programmes, research activities of different divisions were displayed to the visitors.
- ✘ FRI, Dehradun conducted awareness-cum-demonstration programme on **Development of Agroforestry models with *Melia*, Aonla and Medicinal plants** at Handesra (Mohali) on 8 October 2015.

Activities under VVKs and DVs

- ✘ Following training programmes were organized by TFRI, Jabalpur in Van Vigyan Kendra at Koraput, Odisha:
 - वन रोपणियों तथा वृक्षारोपणों के कीटों तथा रोगों का समन्वित प्रबंधन, दिनांक 3 नवम्बर 2015
 - उन्नत नर्सरी, बीज प्रौद्योगिकी, वृक्ष सुधार तकनीक पर प्रशिक्षण, दिनांक 4 नवम्बर 2015
 - कृषि वानिकी पर प्रशिक्षण, दिनांक 5 नवम्बर 2015
 - भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद् द्वारा विकसित अनुसंधान निष्कर्षों के विस्तार हेतु नेटवर्क का सशक्तिकरण पर आयोजित कार्यशाला-सह-प्रशिक्षण कार्यक्रम, दिनांक 4 एवं 5 नवम्बर 2015
- ✘ AFRI, Jodhpur participated in ***Kharif Kishan Sammelan*** at village Bawarli, Panchayat Sammiti Balesar (Jodhpur), organized by Krishi Vigyan Kendra (KVK), Central Arid Zone Research Institute, Jodhpur on 20 July 2015. Developed technologies & Research activities of the Institute were displayed in the *Sammelan* and a lecture was also delivered to create awareness on environmental issues, importance of trees and raising of trees along with agriculture.
- ✘ A Memorandum of Understanding (MoU) was signed between RFRI, Jorhat and FEEDS, a Manipur based NGO for establishing Demonstration Village at Senapati District of Manipur on 1 October 2015.
- ✘ For the benefit of field staffs of J&K Forest Department, HFRI, Shimla with the active support of State Forest Research Institute (SFRI), Jammu, organized a training programme on **Biological Control of Insect-pests and Diseases in Medicinal Plants** at Van Vigyan Kendra on 12 December 2015. This training was primarily focused on the insect pests and disease incidences in the medicinal plants with special reference to the Western Himalayan region. 45 participants comprising of Forest Range Officers, Foresters and Forest Guards from Doda, Kishtwar, Bhadarwa and Jammu forest divisions participated in this training programme.

Popularizing Forestry through All India Radio/Doordarshan

- ✘ Following topics were covered under radio talk/live telecast on Doordarshan by the Institutes under ICFRE:-
 - HFRI, Shimla:-
 - A live chat on Doordarshan on Medicinal plants of North- West Himalayas.
 - IFGTB, Coimbatore:-
 - Radio talk on seed production and seed handling procedure (in Tamil),
 - Bio-fertilizers and bio-control methods for management of diseases in tree crops (in Tamil),
 - Wind breaking trees,
 - Teak cultivation practices (in Tamil).

Rajbhasha News

- ✘ ICFRE celebrated Hindi Week from 7 to 14 September 2015. Dr. Ashwani Kumar, DG, ICFRE was the Chief Guest in closing ceremony i.e. on 14 September 2015 in ICFRE Auditorium. While speaking on the occasion, DG stated that Hindi has its origin from Sanskrit which is also the source of our culture. He said that Hindi is a simple, sweet and very developed language and all of us should be proud of it. He urged everyone to work maximum in Hindi in the Council. Five competitions were organized during the week and more than 100 officers, scientists and employees were present during the closing ceremony.



DG, ICFRE lighting the lamp during Hindi Week closing ceremony at ICFRE, Dehradun

- ✘ IWST, Bengaluru celebrated Hindi Fortnight from 14 to 28 September 2015. The Hindi day was celebrated on 28 September 2015.
- ✘ Hindi Week was celebrated in RFRI, Jorhat with great enthusiasm from 8 to 15 September 2015. On this occasion, a presentation was made in Hindi on **Bamboo and its Application** to the Scientists, Officers and Staffs of RFRI, Jorhat on 10 September 2015.
- ✘ Hindi Pakhwara was organized from 14 to 28 September 2015 in AFRI, Jodhpur. Hindi quiz, Hindi typing, Hindi essay, general administrative knowledge in Hindi, general office work knowledge in Hindi and self composed poetry in Hindi, competitions along with scientific lectures in Hindi and Hindi workshop for newly recruited employees were organized during the fortnight.



Celebration of Hindi fortnight at AFRI, Jodhpur

- ✘ HFRI, Shimla celebrated Hindi Pakhwara from 14 to 28 September 2015. To promote Hindi in the day-to-day and official usage competitions were organized for drafting, noting, slogan writing, essay writing and quiz etc.
- ✘ TFRI, Jabalpur celebrated Hindi Diwas from 14 to 30 September 2015. Various competitions were organized to mark the event.
- ✘ Hindi Pakhwara was observed from 1 to 15 September 2015 at IFP, Ranchi. Various competitions like Essay Competition, English to Hindi translation writing, Hindi translating of English technical words etc. were organized.
- ✘ ICFRE, Dehradun organized Hindi training workshop on 15 October 2015. The training workshop was inaugurated by Shri Saibal Dasgupta, DDG (Extension), ICFRE. Speaking on the occasion, Shri Dasgupta emphasized on the role of willingness of an individual in implementing the Rajbhasha Hindi in the official work. More than 30 employees attended the training.



Shri Saibal Dasgupta, DDG (Extension), ICFRE addressing the Rajbhasha training workshop at ICFRE, Dehradun

- ✘ Hindi Workshop was conducted in IFGTB, Coimbatore on 15 December 2015. The theme of the workshop was **Noting and Drafting in Bilingual**. Smt. Indira Aravindan, Senior Hindi Translator, BSNL, Coimbatore was invited to discuss on this theme who briefed about the use of Hindi in the postal registers, the usage of technical terminologies in the file movements etc.



Hindi Workshop at IFGTB, Coimbatore

- ✘ New Hindi website of ICFRE similar to English website was made live on 9 December 2015.



New Hindi website of ICFRE similar to English website

Accreditation of Universities

- ✘ Evaluation Team of ICFRE visited 03 universities i.e., Orissa University of Agriculture & Technology, Bhubaneswar (Odisha), Dr. Y.S. Parmar University of Horticulture & Technology, Solan (HP), Kumaun University, Nainital (Uttarakhand) to cross check and validate the Self Appraisal Reports submitted by the Universities. Proposals from 2 universities i.e. from Uttar Banga Krishi Vishwavidyalaya, Cooch Behar (West Bengal) and Dr. B.S.S. Konkan Krishi Vidyapeeth, Dapoli (Maharashtra) have been sought for accreditation of forestry courses with ICFRE.
- ✘ Orders for releasing the funds under **Networking Project on NTFP** to the 4 universities i.e. Sher-E-Kashmir University, Srinagar (Jammu & Kashmir), Navsari Agricultural University, Navsari (Gujarat), HNB Garhwal Central University, Srinagar (Uttarakhand) and Tamil Nadu Agricultural University, Coimbatore (Tamil Nadu) have been issued.

National and International Co-operation

- ✘ **National:**
 - MoU was signed between the ICFRE, Dehradun and Green Initiatives Certification and Inspection Agency (GICIA), Noida (UP) on 19 October 2015.
 - HFRI, Shimla signed a Memorandum of Understanding (MoU) with the St. Bede's College on 9 December 2015 for providing Summer Trainings to the students of this college besides, other activities of academic interests and relevant to both the Institutions.
- A Memorandum of Understanding (MoU) was signed between RFRI, Jorhat and National Institute of Rural Development and Panchayati Raj, North Eastern Regional Center, Guwahati for Research partnership and collaboration on 14 December 2015.
- A Memorandum of Understanding (MoU) was signed between RFRI, Jorhat and G.B. Pant Institute of Himalayan Environment and Development, Almora for Research

partnership and collaboration on 31 December 2015.

- MoU was signed for the project proposal **Development of nursery manual for forest tree species of Rajasthan** between AFRI, Jodhpur and Rajasthan State Forest Department, Jaipur.
- MoA was signed for project entitled **Registration and Commercialization of the most effective bio-pesticide formulation using the seed extract of *Hydnocarpus pentandra* for the management of insect pests of Agriculture/forestry importance** between M/s Varsha Bioscience and Technology India Private Limited (VBTIPL), Hyderabad and IFGTB, Coimbatore in connection with sanction of budget from SBIRI (DBT).
- MoU was signed for project proposal **Designing, Development and Performance of Urban Forestry Model for Rajasthan**

State Judicial Academy, Jodhpur of AFRI, Jodhpur with Rajasthan State Judicial Academy, Jodhpur.

✧ **International:**

- MoU between Malaysian Forestry Research and Development Board and ICFRE to strengthen the research, exchange of research information, technology sharing in forestry research related areas, besides promotion and development of cooperation including training and capacity building and exposure visits in the field of biotechnology, tree improvement and forest genetics resources was submitted to the MoEF&CC for approval.
- Extension of externally-aided ongoing project of IFGTB, Coimbatore entitled **New Biocontrol opportunities for prickly acacia: Exploration in India** with Department of Agriculture, Fisheries and Forestry, Australia has been granted by MoEF&CC up to June, 2016.

Visit of Dr. Ashwani Kumar, IFS, DG, ICFRE to ICFRE Institutes

- ✧ IFB, Hyderabad on 19 August 2015 for inaugurating the Training-cum-workshop Centre.
- ✧ HFRI, Shimla and its Field Research Stations from 21 to 24 September 2015. He inaugurated the newly established **Interpretation Centre** at the M.D. Chaturvedi Multi-purpose Training Complex in the campus of the Institute.



Inauguration of Interpretation Centre at HFRI, Shimla by DG, ICFRE

- ✧ IWST, Bengaluru on 15 and 16 October 2015 where he reviewed the Institute research programmes and called for furthering the advancement in research for benefits of all stakeholders.



Visit of DG, ICFRE to IWST, Bengaluru

- ✧ IFGTB, Coimbatore on 17 October 2015.
- ✧ AFRI, Jodhpur from 26 to 28 October 2015 where he inaugurated the Vigilance awareness week 2015. He visited different fields locations, High-tech nursery and laboratories of the institute. He stressed on the need of stopping plagiarism in the research works.



Visit of DG, ICFRE to IFGTB, Coimbatore