

# ICFRE NEWSLETTER

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Indian Council of Forestry Research and Education  
P.O. New Forest, Dehradun  
Uttarakhand, India

# ICFRE NEWSLETTER

## A Biannual Publication

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January - December 2011

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### Patron's Column

Indian Council of Forestry Research and Education (ICFRE), Dehradun, an autonomous Council of Ministry of Environment and Forests, is relentlessly engaged in carrying out research, promoting education and delivering simple innovative technologies in the forestry sector to the stakeholders.

Recently, the Council successfully organized the 1<sup>st</sup> IFC in New Delhi from 22<sup>nd</sup> to 25<sup>th</sup> November 2011. The event has provided forum for high level forestry deliberations over present practices and future line of action in the sector and set a new trend of its kind. During this highly applauded event, ICFRE brought out some valuable publications on practices and technologies developed and world class repositories established over a period of more than 100 year. "Forestry in the Service of Nation: ICFRE Technologies", is one such publication which has received an overwhelming appreciation.

Keeping in mind the role of forestry in development of the nation, ICFRE has streamlined its resources to face the new challenges through the new innovative initiatives such as National Subject Matter Coordinators (NSMCs), National Project Directors (NPDs) and New AICPs addressing and streamline the thrust areas in forestry sector. Ginger Group, Knowledge Forum and Think Tank have been created to churn out new ideas and dimensions.

The Council as Technical Facilitation organization (TFO) for coordinating various projects under Sustainable Landuse and Ecosystem Management- Country Partnership Programme (SLEM- CPP), is regularly conducting an array of activities from conducting different workshops, seminars to publication of Newsletters incorporating activities of all partner organizations. One such workshop on the "Role of forest in dryland areas" was organized at Dehradun on 17<sup>th</sup> June 2011 on the occasion of World Day to Combat Desertification and Drought. Padma Bhushan Shri Chandi Prasad Bhatt inaugurated the workshop.

The Council has developed a number of innovative technologies over the period of time. ICFRE is also patenting some of the technologies. Recently FRI, Dehradun has filed a Patent "An improved binding material for incense stick (Agarbatti)". Meanwhile, the technology was also transferred to M/s Anand Agarbatties, Nagpur.

With a view to disseminate the simple technologies to various stakeholders, Van Vigyan Kendras were established in different states of the country with active participation of concerned SFDs. Besides, VVKs, eight Demo Villages were also established by the ICFRE institutes in collaboration with local NGOs. These VVKs and DVs were evaluated by the internal experts for their progress and effect.

I hope that this issue of the Newsletter will provide the readers some glimpses into the multifaceted activities of the Council.

**Dr. V K. Bahuguna**  
**Director General**

## 1<sup>st</sup> INDIAN FOREST CONGRESS 2011



**Ms. Jayanthi Natarajan, Hon'ble Union Minister for Environment & Forests, addressing the inaugural session of IFC 2011**

The Indian Council of Forestry Research and Education organized First Indian Forest Congress (IFC) from 22<sup>nd</sup> to 25<sup>th</sup> November 2011. The IFC was inaugurated by Ms. Jayanthi Natarajan, Hon'ble Minister of Environment & Forests in New Delhi. Ms. Jayanthi Natarajan, in her inaugural address called for more scientific analysis of the issues relating to forest management in the country, in the midst of ever burgeoning pressure on the forests and climate change threat.

in the country and to assess the tangible and non-tangible benefits from the forests.

Dr. M.S. Swaminathan, Member of Rajya Sabha welcomed the initiatives of the ICFRE to organize the First Forest Congress. He stressed the need for the ICFRE to conduct focused research on Coastal Mangroves, Hills and Dry Zones of the country.



**Dr. M.S. Swaminathan, Member of Rajya Sabha**

Many Van Vigyan Kendras need to be established in the country to promote agroforestry, he added. He also asked ICFRE to initiate projects on developing technologies for the mining rehabilitation as these areas need immediate interventions.

Dr. P.J. Dilip Kumar, Director General of Forests & Special Secretary to Government of India stressed the need for empowering and capacity building of the JFM Committees.



**Dr. V.K. Bahuguna, DG, ICFRE welcoming the Honorable Union Minister for Environment & Forests Ms. Jayanthi Natarajan**

She urged for developing reliable data at the state level on Forest Biomass, increment, Non-Timber Forest Products, Eco-tourism, etc. She asked the experts to evolve innovative solutions for human-wildlife conflict, development of forest certification



Dr. V.K.Bahuguna, DG, ICFRE, in his address emphasized that massive investment in forestry sector is imperative not only for the forest management, but also for ensuring food and water security in the country.

Ms. Caitilin Wiesen, Country Director of UNDP-India stated that UNDP is supporting the efforts of mainstreaming the biodiversity conservation and forest based livelihoods. She welcomed the theme areas selected for the congress and pledged support of UNDP to ICFRE.

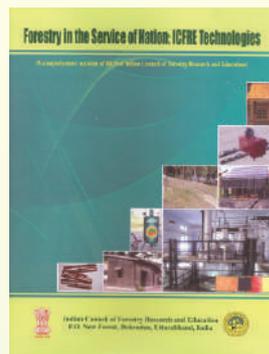


**Ms. Caitilin Wiesen, Country Director of UNDP- India addressing IFC 2011**

During the congress, the Hon'ble minister released an array of books on forestry including "Forestry in the Service of Nation: ICFRE technologies"- a book encompassing the history and innovations of over hundred years of forestry research in India, "Voices from

the Field" and "Status of JFM in India" all published by ICFRE. These books provide glimpses of innovations in the field of forestry and contribution of forestry for welfare of people.

Other ICFRE Publications released during the IFC 2011 were "Extension Strategies in Forestry Research for ICFRE", "Agroforestry Research at ICFRE", ICFRE Information Booklet and ICFRE Desk Calendar 2012.



**Release of ICFRE Information Booklet**

Over 550 participants from over 50 organizations participated in this gala event which simultaneously held different sessions in 28 sub-themes of 4 themes and the best presentations were awarded. The event concluded with the adoption of New Delhi Forest Charter 2011.



**Participants of 1<sup>st</sup> Indian Forest Congress 2011**

## **CBD Expert Group Meeting on “Biodiversity for Poverty Eradication and Development”**



**Dr.V.K. Bahuguna, DG, ICFRE, addressing CBD Expert Group Meeting**

A four day United Nations Convention on Biological Diversity (CBD) meeting was organized at ICFRE from 12<sup>th</sup> to 15<sup>th</sup> December 2011.

Dr.V.K. Bahuguna, Director General, ICFRE in his introductory remarks stated that effective conservation of biodiversity was essential for human survival and maintenance of the ecosystem processes. He called upon the participants to encourage development outlooks and practices that conserve and sustainably use biodiversity.

Dr. R.B.S. Rawat, PCCF of Uttarakhand State Forest Department, the Chief Guest of the inaugural function, emphasized that biodiversity and poverty eradication were intrinsically linked, and demand integrated efforts in development processes.

Mr. Hem Pande, Joint Secretary, Ministry of Environment and Forests, Government of India

briefed about the commitments of the Government of India to include biodiversity as an integral part of the growth process since it was the only path whereby our country could sustain high economic growth.

Mr. Ravi Sharma, Principal Officer and representative of the CBD Secretariat stated that the CBD was committed to develop more active strategies for biodiversity conservation integrating the aspects of poverty eradication and different developmental activities with

emphasis on livelihood needs.

The Coordinator of the meeting Dr Renu Singh, Head, Biodiversity and Climate Change Division, ICFRE briefed that the meeting was one of the important intercessional meetings, the out comes of which would feed into the Eleventh Conference of the Parties (CoP-11) to the CBD which will be hosted by India in Hyderabad in October 2012.

The CBD Expert Group Meeting was attended by Expert Group of 17 CBD Country Parties; 2 representatives from United Nations and Specialized Agencies; 7 Inter Governmental Organizations; 9 Non Governmental Organizations; and 3 representatives from Indigenous and Community Organizations, Universities and observers.



**CBD Expert Group Meeting was attended by Expert Group of 17 CBD Country Parties**



## EVENTS AND DEVELOPMENTS

### President of India Visits ICFRE

Her Excellency, the President of India Smt. Pratibha Devi Singh Patil visited ICFRE and FRI, Dehradun on 11<sup>th</sup> June 2011. She was received by Dr. V.K. Bahuguna, Director General, ICFRE and was briefed about the research and development activities of the Council. The President visited the famous museums of FRI and the historic Convocation Hall.



President Pratibha Devi Singh Patil during her visit to ICFRE and FRI, Dehradun

### International Cooperation

To foster International Cooperation among the countries, Hindu Kush - Himalayan Region, especially in the field of REDD+ and other Climate Change issues, an ICFRE team visited the International Centre for Integrated Mountain Development (ICIMOD), Nepal where extensive discussions on various issues were held. An MoU was also signed between ICFRE and ICIMOD on the occasion.

A six member delegation from Chinese Academy of Forestry paid a return visit to ICFRE, Dehradun on 19<sup>th</sup> December 2011. Opportunities for bilateral cooperation in the area of forestry research between ICFRE and Chinese Academy of Forestry were deliberated, and it was decided to formulate an Umbrella Action Plan under BRICS Cooperation Agreement.



Meeting with Chinese delegation at Dehradun

A Forest Land Restoration Project in collaboration with UK Forestry Commission has been effective in providing a close look in providing long going conservation strategies in three states Odissa, Madhya Pradesh and Uttarakhand for building sustainable relationship between the community and eco-system. The phase I of the project is being extended to 2012 - 2013, while in phase II, the project will be extended to other states of India .

### 19<sup>th</sup> ICFRE Society Meeting

19<sup>th</sup> ICFRE Society Meeting was convened on 29<sup>th</sup> March 2011 under the chairmanship of Shri Jairam Ramesh, Hon'ble Minister of Environment and Forests, Govt. of India, at Parayavaran Bhawan, New Delhi. In the meeting Annual Report of ICFRE for 2009-10 was discussed along with other important issues and the Annual Report was approved. During the meeting a book titled "Forest Insect-Pest and Disease Management in North-West Himalayas" written by Dr. Mohinder Pal and Shri R.C. Sharma was released.

### 44<sup>th</sup> BOG Meeting of ICFRE

44<sup>th</sup> meeting of ICFRE Board of Governors was convened on 24<sup>th</sup> June 2011 at Board Room of FRI, Dehradun. The meeting was chaired by the Secretary, MoEF, New Delhi. The meeting was attended by the DG, ICFRE, Dehradun and other members of the Board.



44<sup>th</sup> BOG Meeting of ICFRE, Dehradun

### International Poplar Commission (IPC)

In recognition of the significant place of Poplars and Willows in livelihood and economy of the people of India as well as the pioneering work done by ICFRE, the FAO and the IPC, a technical statutory body of FAO, have agreed to hold the 24<sup>th</sup> Session of the IPC and 46<sup>th</sup> Meeting of its Executive Committee at Dehradun in October 2012. It is for the first time that such a prestigious event of IPC would be held in India.

### New Initiatives

A **Think Tank** consisting of eminent Scientists / Officers from all over the country has been created in ICFRE to infuse new thinking and address the gaps between field forestry and research at national level. The 1<sup>st</sup> Meeting of Think Tank was held on 23<sup>rd</sup> September, 2011.

In order to develop a systematic approach on various themes and subjects and to amalgamate research with conservation and sustainable management of natural resources for the benefit of the people, ICFRE has identified six thrust areas and 43 themes under research, education and extension. **National Project Directors** have been nominated for each of the thrust areas, for comprehensive research inputs and outputs and to prepare for new challenges in natural resource management.

To develop site specific and subject specific research programme and to develop systematic approach on various subjects, **National Subject Matter Coordinators** have been nominated. The NSMCS are required to immediately prepare a state of knowledge report for their respective subject.

To think beyond the traditional concept of stakeholder/demand driven research concepts and to meet emerging challenges of forestry science, a **Ginger Group** of scientists of ICFRE has been formed.

To re-orient the forestry scientists /researchers towards needs of the society and to improve the communication between scientists / researchers and stakeholders, a **Knowledge Forum of Forest Officers** has been created.

### ICFRE Participation in Foreign Meetings / Workshops etc.

Shri A.K. Bansal, DG, ICFRE, Dehradun and Shri Omkar Singh, DDG (Edu), ICFRE, Dehradun visited Sweden for Internal Monitoring and for future tie ups/cooperation under the Mid Career Training (MCT) Project from 15<sup>th</sup> to 28<sup>th</sup> May 2011.

Shri A.K. Bansal, DG, ICFRE, Dehradun; Shri Sandeep Tripathi, Director (Project and International Cooperation), ICFRE, Dehradun; Dr. S.S. Negi, Director, FRI, Dehradun; Dr. VRR Singh, Head, Silviculture Division, FRI, Dehradun; Shri Pankaj Agrawal, ADG(PF), ICFRE, Dehradun and Dr. Avinash

Jain, Scientist-E, TFRI, Jabalpur participated in workshop on "Forest Landscape Restoration under UK-India "Forest Landscape Restoration Project" from 7<sup>th</sup> to 15<sup>th</sup> May 2011 in U.K.

Dr. V.K. Bahuguna, DG, ICFRE, Dehradun attended the Fifth meeting of Governing Board of SAARC Forestry Centre on 11<sup>th</sup> and 12<sup>th</sup> August 2011 in Bhutan.

Dr. V.K. Bahuguna, DG, ICFRE, Dehradun visited ICIMOD to see the REDD + work from 19<sup>th</sup> to 23<sup>rd</sup> July 2011 in Nepal.



Dr. P.J. Dilip Kumar, DGF&SS, MoEF, New Delhi and Dr. V.K. Bahuguna, DG, ICFRE, Dehradun, Shri M.S. Garbyal, DDG(Adm.), Shri Sandeep Tripathi, Director (P&IC), ICFRE, Dehradun and Dr. S.S. Negi, Director, FRI, Dehradun, Shri A.M. Singh, DIG(SU), GoI, MoEF, New Delhi, visited Edinburgh U.K. for sharing lessons from experience of forest landscape restoration and to hold meeting with the UK Team for current and 2<sup>nd</sup> Phase of the Project under the UK-India Forest Landscape Restoration (FLR) Project from 4<sup>th</sup> to 9<sup>th</sup> September 2011.

Dr. V.K. Bahuguna, DG, ICFRE, Dehradun, Dr. V.R.R. Singh, Head, Silviculture Division, FRI, Dehradun, Shri T.P. Raghunath, GC(R), IFGTB, Coimbatore, Dr. H.S. Ginwal, Head, G&TP Division, FRI, Dehradun



ICFRE delegation in Beijing



and Shri P.K. Kaushik, Scientist-D, RFRI, Jorhat participated in "2<sup>nd</sup> Asia Pacific Week" from 7<sup>th</sup> to 11<sup>th</sup> November 2011 in China.

Shri Sandeep Tripathi, Director (PIC), ICFRE participated in "Eastern Himalayas Regional Workshop on Forests and Climate Change" from 24<sup>th</sup> to 28<sup>th</sup> January 2011 in Nepal.

Dr. S.S. Negi, Director, FRI, Dehradun; Dr. N.S.K. Harsh, Scientist-F and Dr. Subhash Nautiyal, Scientist-F FRI, Dehradun visited Cambodia for "Preservation and conservation treatment of trees with active participation of local stakeholders at Ta Prohm Temple (4<sup>th</sup> Enclosures) for fourth phase of Archeological Survey of India Project on the Conservation and Restoration of Ta Phohm Temple (Cambodia)" under ITEC Programme of MoEA, Gol from 10<sup>th</sup> to 20<sup>th</sup> February 2011.

Dr. S.S. Negi, Director, FRI, Dehradun, Dr. N.S.K. Harsh, Scientist-F and Dr. Subhash Nautiyal, Scientist-F, FRI, Dehradun visited Cambodia from 27<sup>th</sup> to 30<sup>th</sup> October 2011 for project related studies under the consultancy project "Preservation and conservation treatment of trees with active participation of local stakeholders at Ta Prohm Temple".

Dr. S.S. Negi, Director, Dr. N.S.K. Harsh, Scientist-F, Dr. Subhash Nautiyal, Scientist-F and Dr. M.K. Gupta, Scientist-E, FRI, Dehradun visited Laos for technical support in plantation programme to Birla Lao Pulp and Plantation Company Ltd from 31<sup>st</sup> October to 4<sup>th</sup> November 2011.

Dr. S.S. Negi, Director, FRI, Dehradun participated in the International Workshop on "Forest in Climate Change Research and Policy – the role of the forest management and conservation in a complex international setting" organized by George-August-University, Gottingen, Germany from 1<sup>st</sup> to 7<sup>th</sup> December 2011 in South Africa.

Dr. N. Krishnakumar, Director, Dr. B. Gurudev Singh, Scientist-F and Dr. A. Nicodemous, Scientist-E, IFGTB, Coimbatore visited Vietnam for study to understand recent genetic improvement, achievement and hold discussion with Scientists of Forest Science Institute of Vietnam (FSIV) from 11<sup>th</sup> to 17<sup>th</sup> September 2011.

Dr. N. Krishnakumar, Director, IFGTB, Coimbatore participated in the meeting of CITES Plant Committee from 18<sup>th</sup> to 21<sup>st</sup> April 2011 in Switzerland.

Shri Mohinder Pal, Director, HFRI, Shimla participated in one day conference/conclave of the Head of Institutions/Organizations dealing with "Himalayan Eco-systems" on 5<sup>th</sup> April 2011 in Nepal.

Shri Mohinder Pal, Director, HFRI, Shimla, Shri Pramod Pant, ADG (Adm) and Shri R.P. Singh, ADG (M&P) ICFRE, Dehradun attended "One day conference of the Heads of the Institutes/organizations dealing Mountain Ecosystems" on 31<sup>st</sup> October 2011 in Nepal.

Shri N. K. Vasu, Director, RFRI, Jorhat attended seminar on "Strengthening Cooperation of Forestry (Bamboo) among China and other Developing Countries" from 26<sup>th</sup> October to 1<sup>st</sup> November 2011 in China.

Shri N. K. Vasu, Director, RFRI, Jorhat attended Asia Regional Workshop on Agarwood, Management of Wild and Plantation Source Agarwood from 22<sup>nd</sup> to 24<sup>th</sup> November 2011 in Indonesia.

Shri Sudhanshu Gupta, Secretary and Shri Pankaj Agrawal, ADG (RP), ICFRE, Dehradun participated in the "2<sup>nd</sup> Part of the International Training Programme on Forest Certification" from 31<sup>st</sup> October to 11<sup>th</sup> November 2011 in Peru.

Dr. Renu Singh, Head, BCC, ICFRE, Dehradun participated in Roundtable Conference on 26<sup>th</sup> and 27<sup>th</sup> May 2011 in France.

Shri Rakesh Kumar Dogra, ADG (Edu), ICFRE, Dehradun visited France in connection with Mid Career Training (MCT) for IFS officers from 15<sup>th</sup> to 29<sup>th</sup> May 2011.

Shri Pankaj Agrawal, ADG(PF), ICFRE, Dehradun participated in SIDA sponsored three weeks short-term course on Forestry Certification from 11<sup>th</sup> to 27<sup>th</sup> May 2011 in Sweden.

Dr. H.S. Ginwal, Head, G&TP Division, FRI, Dehradun participated in the IUFRO SPDC Training Workshop on "Communicating Forest Research- Making Science Work for Policy Management" on 4<sup>th</sup> and 5<sup>th</sup> November 2011 in China.

Dr. N.S.K. Harsh, Scientist-F, FRI, Dehradun visited Laos to provide consultancy to Birla Lao Pulp and Plantation Company Ltd. for the problems in Eucalyptus Plantations from 20<sup>th</sup> to 27<sup>th</sup> May 2011.



Dr. B.N. Mohanty, G.C.(R), IWST, Bangalore attended "SER 2011 World Congress on Ecological Restoration, Re-establishing Link between Nature and Culture from 21<sup>st</sup> to 25<sup>th</sup> August 2011 in Mexico.

Dr. Vineet Kumar, Scientist-E, FRI, Dehradun attended GAFoN International Symposium cum Workshop on "Ecosystem based Management and Biodiversity Conservation in forestry for Asia-Pacific" from 5<sup>th</sup> to 8<sup>th</sup> December 2011 in Indonesia.

Dr. Rajiv Pandey, Scientist-E, FRI, Dehradun posted in MoEF, New Delhi attended SAARC Training Workshop on "Measurement and Estimation of Carbon Stock in Mangrove Forests" in Dhaka, Bangladesh from 19<sup>th</sup> to 24<sup>th</sup> November 2011.

Shri V.R.S. Rawat, Scientist- E, ICFRE, Dehradun participated in the 14<sup>th</sup> session of the Ad Hoc Working Group on Long- Term Cooperative Action under the Convention (AWG-LCA) and the 16<sup>th</sup> session of the Ad Hoc Working Group on Future Commitments for Parties under the Kyoto Protocol (AWG-KP) 3<sup>rd</sup> to 8<sup>th</sup> April 2011 at Bangkok, Thailand.

Shri V.R.S. Rawat, Scientist- E, ICFRE, Dehradun participated in the 34<sup>th</sup> session of the Subsidiary Body for Implementation (SBI) and the Subsidiary Body for Scientific and Technological Advice (SBSTA) from 6<sup>th</sup> to 16<sup>th</sup> June 2011 at Bonn, Germany. The second part of the fourteenth session of the AWG-LCA and the second part of the sixteenth session of the AWG-KP took place from 7<sup>th</sup> to 17<sup>th</sup> June 2011.

Shri V.R.S. Rawat, Scientist- E, ICFRE, Dehradun participated as a member of Indian delegation in the 17<sup>th</sup> session of the Conference of the Parties (COP) to the United Nations Framework Convention on Climate Change (UNFCCC) and the session of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (COP/MOP) 7 held from 28<sup>th</sup> November to 9<sup>th</sup> December 2011 at Durban, South Africa.

Dr. Modhumita Dasgupta, Scientist-E, IFGTB, Coimbatore is on a six - month training programme on "Candidate gene based association analysis for wood properties" at Texas A&M University, Texas from 1<sup>st</sup> November 2011 to 31<sup>st</sup> May 2012.

Dr. Shyam Vishwanath, Scientist-E, IWST, Bangalore participated in the seminar on "Bamboo Processing" on 5<sup>th</sup> and 6<sup>th</sup> September 2011 in Sri Lanka.

Dr. Arun Pratap Singh, Scientist-E, RFRI, Jorhat participated in the expert working group meeting of European and Mediterranean Plant Protection Organization (EPPO) from 6<sup>th</sup> to 9<sup>th</sup> December 2011 in France.

### **Workshops/ Seminars/ Meetings etc.**

ICFRE, Dehradun organized two days workshop for finalization of DST training programme from 28<sup>th</sup> to 29<sup>th</sup> January 2011. Thirty two participants from different national institutes and organization participated in the workshop.



**Participants and organizers of two days workshop for finalization of DST training programme**

Dr. P.J. Dilip Kumar, Director General (Forests) and Special Secretary to Govt. of India, MoEF inaugurated the National Seminar on "Recent Advances in Bamboo Propagation, Management and Utilization" organized on the 17<sup>th</sup> and 18<sup>th</sup> of February 2011 at IWST, Bangalore. Dr. Kameshwar Ojha, DDG, National Bamboo Mission, New Delhi delivered the keynote address. Dr. Ashwatha Narayan, M.L.A., Malleshwaram, Bangalore and Sri. C.S. Vedanth, M.D. KSFDC were the guests of honour.



**Dr. P.J. Dilip Kumar, DG (F) and SS, MoEF, inaugurating the Seminar at IWST, Bangalore**

**ICFRE, Dehradun** organized a workshop on the "Role of Forest in Dryland Areas" on 17<sup>th</sup> June 2011 on the occasion of World day to combat Desertification



and Drought The workshop highlighted the role and importance of forests in dry land areas, halting desertification, and restoring water bodies and livelihoods in drylands areas.

Padma Bhushan Shri Chandni Prasad Bhatt inaugurated the workshop and delved upon the inter-relation of trees, water and land. Dr. R.V. Singh Former Director General, ICFRE was the Guest of Honour. Speaking on the occasion DG, ICFRE, Dr. V. K Bahuguna said that nearly 75% land in the country was falling under various grades of dry land. He urged the scientists to provide concrete recommendations to check the expansion of drylands, gain synergy in land use and to cope with water stress. The representatives from environmental NGOs, researchers, International agencies like the World Bank, UNDP and FAO, senior officers from MoEF participated in the workshop.

**ICFRE, Dehradun** organized a national meeting on 27<sup>th</sup> and 28<sup>th</sup> June 2011 to review the progress of implementation of Joint Forest Management programme in the country. Principal Chief Conservators and Chief Conservator of Forests of the states participated in the meeting. Dr. P.J. Dilip Kumar Director General Forests & Special Secretary to the



**Dr. V.K. Bahuguna, DG, ICFRE addressing the meeting of PCCFs on JFM Progress Implementation at ICFRE, Dehradun**

Government of India, Ministry of Environment and Forest, New Delhi inaugurated the meeting by lighting the lamp. Dr. S.S. Negi, Director, FRI, Dehradun welcomed the esteemed gathering.

Dr. V.K. Bahuguna, Director General, ICFRE, Shri A.K. Bansal, Additional Director General Forests, Ministry of Environment and Forests, Govt. of India, New Delhi and Dr. R.D. Jakati, Director, IGNTA Dehradun addressed the participants.

**ICFRE, Dehradun** organized a two-day Consultative Meeting-cum-Workshop on 10<sup>th</sup> and 11<sup>th</sup> May 2011 on the Baseline Study for the Sustainable Land and Ecosystem Management (SLEM). The workshop was attended by the senior officers of the MoEF, New Delhi, SLEM Project partners, International agencies, and nodal officers from ICFRE Institutes.

**IWST, Bangalore** organized a National Seminar on "Recent Advances in Bamboo Propagation, Management and Utilization" on 17<sup>th</sup> and 18<sup>th</sup> February 2011.

**IFP, Ranchi** organized a National Conference on "Conservation, Improvement and Sustainable use of Medicinal Plants & Non Wood Forest Products" on 8<sup>th</sup> and 9<sup>th</sup> March 2011.

One day National Consultative Workshop on Commercial production of NTFPs for ensuring fair economic returns to primary collectors was organized on 18<sup>th</sup> July 2011 by FRI at Paryavaran Bhawan, New Delhi to finalize the approach and data collection methodology of the study sponsored by MoEF. The meeting was chaired by Sh. A.K. Bansal, ADG (FC). A total of 26 participants from different states of the country participated in the workshop.

An All India Coordinated Project has been initiated by FRI, Dehradun. Dr. S.S. Negi, Director, FRI, Dehradun has been nominated as National Programme Coordinator while Shri MP Singh, Head, CCFI Division, FRI, Dehradun has been designated as National Project Director.

A two days workshop was convened by FRI, Dehradun on "Climate Change & Forestry Research Needs in Himalayas" on 24<sup>th</sup> and 25<sup>th</sup> October 2011



**Workshop on "Climate Change & Forestry Research Needs in Himalayas"**



to provide a forum to explore the gaps in climate change forestry research. The workshop was chaired by Dr. V. K. Bahuguna, DG, ICFRE. Director FRI, Dr. S.S. Negi highlighted the issues related to climate change.

Prof. N. H. Ravindranath and Dr. Indu Murthy from Indian Institute of Science, Bangalore presented the status of research, gaps and need for an integrated, multidisciplinary programme on climate change.

**RFRI, Jorhat** organized a district level workshop on Bamboo, sponsored by National Bamboo Mission on 4<sup>th</sup> and 5<sup>th</sup> November and 16<sup>th</sup> December 2011.

**HFRI, Shimla** organized a workshop / meeting on 2<sup>nd</sup> September 2011 for the Network Partners implementing the Network project on “Population Assessment and Identification of Superior Genetic Stock of *Picrorhiza kurrooa* Royle ex Benth and *Valeriana jatamansi* Jones by Screening Different Populations from NW Himalayas”.

An International conference and exhibition on “Art and Joy of Wood-Rediscovering Wood: The key to a sustainable future” was organized by FAO and MoEF from 19<sup>th</sup> to 22<sup>nd</sup> October 2011 at J.N Tata Auditorium Complex of Indian Institute of Science (IISc), Bangalore. Local organizers of the conference and exhibition were IWST and IPIRTI respectively. International Wood Culture Society and International Union of Forest Research Organizations were the other organizations who supported the conference. The conference brought together over 270 delegates from 31 countries.

The conference was inaugurated by Sh. S. Suresh Kumar, Hon'ble Minister for Law, Urban Development, Parliamentary Affairs & BWSSB, Govt. of Karnataka, Shri Jitendra Choudhury, Hon'ble, Forest and Industry Minister, Govt. of Tripura, presided over the function. Dr. P.J. Dilip Kumar, DG&SS, MoEF, Govt. of India, Dr. V.K. Bahuguna, DG, ICFRE, Dr. R. Michael Martin, Director, FAO, Rome and Dr Howard Rosen IWCS, China, Mr. S.C. Joshi and Dr. C.N. Pandey were other dignitaries present during the inaugural function.

### **Trainings**

ICFRE, Dehradun organized one week training course on “Climate Change and Forests” from 31<sup>st</sup>

January to 4<sup>th</sup> February 2011. Twenty scientists from different ICFRE institutes participated in the course.



**Participants and organizers of one week training course for ICFRE scientists**

**ICFRE, Dehradun** organized a three-day training programme on CDM validation and verification from 3<sup>rd</sup> to 5<sup>th</sup> July, 2011 with the help of M/S TUV SUD SOUTH ASIA PVT Ltd New Delhi. Twenty participants including DG, ICFRE attended the training course.



**Participants and organizers of three days training course on CDM- Validation and Verification**

**ICFRE, Dehradun** organized one week compulsory training course for Indian Forest Service officers on “Forest and Climate Change: Opportunities and Challenges of Mitigation and Adaptation” sponsored by the MoEF, Government of India, New Delhi at Dehradun from 17<sup>th</sup> to 21<sup>st</sup> October 2011. Thirty three IFS officers of different states participated in this course.



**Participants and organizers of compulsory training course for IFS officers**



**AFRI, Jodhpur** organized one week compulsory training of IFS officers on "Integrated Approach for Sustainable Development of Fragile Desert Ecosystem" sponsored by MoEF, Govt. of India from 19<sup>th</sup> to 23<sup>rd</sup> December 2011.

**ICFRE, Dehradun** organized a training programme for scientists and technologists on "Climate Change and Carbon Mitigation" from 14<sup>th</sup> to 18<sup>th</sup> November 2011. 24 scientists and technologists participated in this course. The training programme was sponsored by the Department of Science and Technology, Government of India, New Delhi.



Training programme on "Climate Change and Carbon Mitigation" at ICFRE, Dehradun

**IWST, Bangalore** organized a short term training course on "Sandal Seed and Nursery Technologies" from 21<sup>st</sup> to 25<sup>th</sup> February 2011.

**TFRI, Jabalpur** organized a three-day training workshop on "Environment and afforestation" for senior National Thermal Power Corporation (NTPC) officials from 22<sup>nd</sup> to 24<sup>th</sup> March 2011.

**HFRI, Shimla** organized a one day training programme on "Enhancement of Forest Productivity" on 17<sup>th</sup> January 2011 at Kathua, Jammu. About 30 officials were present during the training.

**IFP, Ranchi** organized a training programme on "Medicinal & Aromatic Plants Cultivation" from 10<sup>th</sup> and 12<sup>th</sup> March 2011 in which 25 farmers participated.

**FRI, Dehradun** on special request of Bharat Coking Coal Limited organized five days training courses on Ecorestoration of Mined Land from 27<sup>th</sup> June to 1<sup>st</sup> July, 2011 and 25<sup>th</sup> to 29<sup>th</sup> July,



Training course on Ecorestoration of Mined Land at FRI, Dehradun

2011 at FRI, Dehradun. The training was inaugurated by Dr. V. K. Bahuguna, D.G., ICFRE. A road map for restoration of coal mining of BCCL area has been prepared by FRI on request of BCCL, Dhanbad. The course on request of Eastern Coal Field Limited was also organized again from 5<sup>th</sup> to 9<sup>th</sup> September 2011 and from 5<sup>th</sup> to 9<sup>th</sup> December 2011.

**FRI, Dehradun** organized a five-days short-term training programme on "Wood Seasoning" during 26<sup>th</sup> to 30<sup>th</sup> September 2011 for 10 participants from Naval Dockyard, Mumbai.

**FRI, Dehradun** conducted a training on "Extraction Technology of Natural Dye & Aroma Therapy and Cultivation Value Addition of Medicinal Plants" from 2<sup>nd</sup> to 4<sup>th</sup> November 2011 for a group of teachers from Chandigarh.

**TFRI, Jabalpur** organised a three days training programme under SLEM project on "Soil and Water Conservation" for front line staff of Forest department and other beneficiaries held on 18<sup>th</sup> to 20<sup>th</sup> October 2011 at CFRHRD, Chhindwara.

**RFRI, Jorhat** organized workshop cum training on "Sustainable Management of Land Shifting Cultivation under SLEM-CPP" from 6<sup>th</sup> to 8<sup>th</sup> September 2011.



Trainees and resource persons of the training programme under SLEM project at RFRI, Jorhat

**RFRI, Jorhat** organized one week training programme on Forestry for Task Force of Territorial Army-Eco Assam from 19<sup>th</sup> to 23<sup>rd</sup> December 2011.

**IFP, Ranchi** organized five days training on "Bamboo Propagation, Cultivation and Management for Sustainable Livelihood" from 25<sup>th</sup> to 29<sup>th</sup> July 2011. 26 farmers and field functionaries of ATMA, Katihar (Bihar) participated in the programme.

**IFP, Ranchi** organized three days training on Lac Cultivation through scientific method during 7<sup>th</sup> to 9<sup>th</sup> December 2011 at IFP, Ranchi in which farmers of Simdega district of Jharkhand participated.



**IWST, Bangalore** organized short term training program on "Advanced Wood Processing and Utilization of Plantation Timbers" for Karnataka State Forests Industries Corporation (KSFIC) officials from 14<sup>th</sup> to 18<sup>th</sup> November 2011. This customized training programme the first of its kind to be imparted by IWST was the result of MoU signed between the institute and KSFIC. Nine officials from KSFIC (four from KSFIC Shimoga and five from KSFIC Bangalore) participated in the training programme.

### VVK/DV Trainings

**FRI, Dehradun** organised two three- day trainings on Forest Mensuration and pruning of tree techniques at VVK, Hoshiarpur for the farmers and frontline staff of Punjab from 1<sup>st</sup> to 3<sup>rd</sup> February 2011 and at VVK, Haldwani for the farmers and frontline staff of Uttarakhand from 8<sup>th</sup> to 10<sup>th</sup> February 2011.

**FRI, Dehradun** organised trainings on "Dissemination of FRI technologies" from 22<sup>nd</sup> to 24<sup>th</sup> February 2011 for the farmers and frontline staff of Chandigarh (UT) at VVK, Chandigarh and on 24<sup>th</sup> and 25<sup>th</sup> March 2011 for the farmers and frontline staff of Pinjore (Haryana) at VVK, Pinjore.

**FRI, Dehradun** conducted a three days training from 19<sup>th</sup> to 21<sup>st</sup> October 2011 on 'Cultivation of medicinal plants and their utilization' in the Demo Village, Shyampur.

### Internal Monitoring and Evaluation of VVKs and DVs

Dr. Rabindra Kumar, DDG (Extension), ICFRE, Dehradun evaluated the work done at VVK, Dadra and Nagar Haveli on 27<sup>th</sup> January 2011 .

Shri Sandeep Tripathi, Director (Project and International Cooperation), ICFRE, Dehradun evaluated the progress of VVK, Jabalpur and DV, Moiya Nala on 6<sup>th</sup> March 2011.

Dr. Dharmendra Verma, ADG (Environment Management), ICFRE, Dehradun evaluated the performance of VVK, Karnataka and DV, Doddakerenahalli on 21<sup>st</sup> and 22<sup>nd</sup> February 2011.

Shri R.P. Singh, ADG (Media and Publication), ICFRE, Dehradun evaluated the progress of VVK, Assam on 10<sup>th</sup> January 2011, DV, Meleng Grant on 11<sup>th</sup> and 12<sup>th</sup> January 2011 and VVK, Delhi on 13<sup>th</sup> January 2011.

**IFGTB, Coimbatore** organized awareness training programme on "Environment Protection" on 30<sup>th</sup> March 2011 for the school children of Primary School, Kandiyur Demo Village. A total of 36 students participated in the training programme.

**AFRI, Jodhpur** organized a VVK training at Sinh Sadan, Sasan Gir, Junagadh (Gujarat) from 17<sup>th</sup> to 19<sup>th</sup> October 2011. A total of 65 participants (30 forest staffs and 35 farmers) attended the training.

**AFRI, Jodhpur** organized VVK training at Kishan Bhawan, Shree Ganganagar (Rajasthan) from 14<sup>th</sup> to 16<sup>th</sup> November 2011. A total of 67 participants (51 forest staffs and 16 farmers) attended the training.

**HFRI, Shimla** organized a Workshop cum Villagers' meeting at Demo Village Lanabanka, Sirmour (H.P.) on 25<sup>th</sup> September 2011. About 40 participants took active part in this programme.

### RAG Meetings

Research Planning Division, coordinated the Research Advisory Group (RAG) ICFRE meetings at Institute level on the dates mentioned below :

IFP, Ranchi, 19<sup>th</sup> and 20<sup>th</sup> September 2011; IFGTB, Coimbatore 3<sup>rd</sup> and 4<sup>th</sup> October, 2011; TFRI, Jabalpur 12<sup>th</sup> and 13<sup>th</sup> October 2011; FRI, Dehradun 17<sup>th</sup> and 18<sup>st</sup> November, 2011 RFRI, Jorhat 8<sup>th</sup> and 9<sup>th</sup> November, 2011; AFRI, Jodhpur, 3<sup>rd</sup> and 4<sup>th</sup> November 2011; IWST, Bangalore 8<sup>th</sup> November 2011; HFRI, Shimla 17<sup>th</sup> and 18<sup>th</sup> November 2011.

### Hindi Saptah Celebrations

Hindi Saptah was celebrated with enthusiasm at ICFRE Headquarters and institutes. At Headquarters, Hindi Saptah was organized from 14<sup>th</sup> to 20<sup>th</sup> September 2011. Dr. V.K. Bahuguna, DG, ICFRE; Dr. Ram Prasad, PCCF, MP (Retd.) and Shri Vinay Luthara, Additional PCCF, Karnataka were the guests on the closing ceremony on 20<sup>th</sup> September 2011.



Dr. V.K. Bahuguna, DG, ICFRE addressing the closing ceremony



**FRI, Dehradun** celebrated the "Hindi Saptah" from 26<sup>th</sup> to 28<sup>th</sup> September 2011 at FRI, Dehradun and RFRI, Jorhat from 8<sup>th</sup> to 14<sup>th</sup> September 2011 at Jorhat. During the Saptah Hindi Typing, Noting & Drafting, Essay and Poem competitions were organized. IFP, Ranchi observed Hindi Pakhwara from 1<sup>st</sup> to 14<sup>th</sup> September 2011.

## RESEARCH FINDINGS

- FRI, Dehradun has achieved success in isolation of genomic DNA from the dead wood samples.
- FRI, Dehradun has identified six populations of *Acorus calamus* possessing low concentration (16 – 25 %) of the  $\beta$  –asarone compound, after screening 60 populations from Uttarakhand, H.P., J&K and Northeastern region.
- The map of Asola Bhatti Wild Life Sanctuary was prepared by FRI, Dehradun with the help of IIRS showing details of location of boundary wall and important landmark features with latitude and longitude. The map has been geo-referenced and digitized to calculate the area of any compartment length of any road, which was hitherto not available with the state forest department.
- Technology for transgenic composite plant generation in *Eucalyptus* using *Agrobacterium rhizogenes* was developed at IFGTB, Coimbatore.
- Mechanical properties of composites made from lignocellulosic fibers (Jute, Bamboo and wheat straw) – poly propylene (PP) were evaluated at IWST, Bangalore. Jute- PP composites showed the significantly high improvement in mechanical properties as compared to bamboo and wheat straw composites. These composites can be moulded to any shaped articles. The applications are in the field of moulded products (furniture, components, automobile interior, electrical/ electronic appliances).
- Three species of cane *Calamus thwaitesii*, *Calamus dransfieldii* and *Calamus vattayila* were treated with CCB and Boric acid preservatives by vacuum pressure impregnation

method following 3 different treatment schedules at IWST, Bangalore. The results show that in green condition when the diameter of the specimens was bigger the absorption was lesser. In dried specimens the diameter does not make any difference in the absorption of the preservatives.

- The Scientists at FRI, Dehradun have isolated one pure compound with probable identity of Shatavarin IV from the tuberous roots of *Asparagus racemosus*.

After three years of continuous efforts, breeding of Tarantula *Haplocosmia himalayana*, was made successful in the laboratory conditions at HFRI, Shimla. Besides, detailed life cycle of *Stegodyphus sarasinorum* - the social spider – had also been studied, which indicated 12 instars during the life cycle.

## CONSULTANCIES

### ❖ Macro Level EIA study of the Bellary, Chitradurga and Tumkur District of Karnataka

- Hon'ble Supreme Court of India directed ICFRE to carry out macro EIA study of Bellary District in Karnataka and submit its report to the Hon'ble Supreme Court in three months. Accordingly, a team of EIA experts from ICFRE, WII and FSI led by Dr. V.K. Bahuguna DG, ICFRE visited Bangalore and Bellary District in Karnataka from 23<sup>rd</sup> Aug to 29<sup>th</sup> Aug, 2011.

During the visit team interacted with senior state government officials all major stakeholders' involved in mining activities, and carried out extensive inspection of the mining areas with full district team and in presence of



Dr. V.K Bahuguna, DG, ICFRE visiting the mining site at Chitradurga District, Karnataka

mine owners/ representatives. The visiting team got an overview of impact of mining activities on environment particularly on forests, wildlife and on human environment and submitted the report within the stipulated time frame.

The Supreme Court further extends their order to the districts of Tumkur and Chitradurga and directed ICFRE to undertake macro level EIA study in respect of both the districts in addition to Bellary. The Council has also completed the studies.

❖ **Himachal Pradesh Power Corporation Ltd. awarded the following studies to ICFRE**

- Comprehensive EIA study for Gyspa Hydroelectric Project (300 MW).
- Comprehensive EIA study for Beri Nichli (renamed as Triveni Mahadev) Hydroelectric Project (78 MW).
- Comprehensive EIA study for Thana Plaun Hydroelectric Project (141 MW).
- Comprehensive EIA study for Surgani Sundla Hydroelectric Project (42 MW).
- Comprehensive EIA study for Tosh- Parvati (renamed as Nakthan) Hydroelectric Project (300 MW), Himachal Pradesh.



Catchment Area of river Ravi, HP

Team of experts visited the project site for winter and Pre-monsoon season for the collection of baseline data terrestrial and aquatic flora, fauna and microflora.

❖ **Tehri Hydro Development Corporation India Limited** has awarded Comprehensive EIA studies for the Bunakha Reservoir scheme in Chukha Dzongkhag of Western Bhutan and for Sankosh Hydroelectric Project to ICFRE, Dehradun.

The comprehensive studies for the consultancies were conducted during spring, summer, autumn and winter seasons of 2009-11 for collection of baseline data on biological, physical and social environment and the detailed report has been submitted to the project proponent.

❖ **Catchment Area Treatment (CAT) Plan for Kutehr HEP**

In follow-up action of the environmental clearance granted to Kutehr HE Project by MoEF based on EIA Study carried out by ICFRE, Jindal South West Energy Limited has also awarded a study for formulation of Detailed CAT Plan of Kutehr HEP project site. The study has been carried out in 2011 and detailed catchment area treatment plan for the project has been submitted to the project proponent.

❖ **FRI, Dehradun** has been awarded a consultancy by U. K Govt. on "Forest Landscape-UKFC".

### MISCELLANEOUS

The Ministry of Environment and Forests, Govt. of India, has identified IFGTB, Coimbatore as a CITES Scientific Authority for Plants related to CITES in India. The MoEF has sanctioned a project of one year duration during December 2010; to conduct NDF study on *Pterocarpus santalinus*, which is currently included in CITES Appendix –II. Consequently five teams from institute visited various Forest Divisions in Andhra Pradesh, having red sanders natural forests.

Sample plots have been laid in natural forests to assess population structure, growing stocks and regeneration.

### Bihar Project

A Poplar Based Agroforestry Programme in Vaishali district in Bihar viz; Samudai Adharit Samavit Van Prabandhan Evam Sanrakhan Yojna (SASVPSY) was launched by ICFRE in collaboration with State Forest Department, Bihar with total outlay of Rs. 51.00 Crores. It was launched in June, 2005 and proposed for implementing the additional activities to get approval from planning commission for 2012-13. Till date about 80 lakh plants have been distributed to the farmers and more than 6,000 farmers have been trained in nursery practices and agroforestry systems based on Poplars and other forestry species.



## Measures to Achieve the Research Mandate

A committee has been constituted by the Director General, Indian Council of Forestry Research and Education (ICFRE) under the chairmanship of Dr. KD Sharma, Technical Expert, National Rainfed Area Authority, Planning Commission, Govt. of India to identify the areas of research and suggest measures to achieve the mandate on Forest Hydrology as a component under All India Coordinated Research work on Climate Change. Committee held its final meeting on 13<sup>th</sup> October, 2011 to discuss the role of forests in managing the water balance of a watershed. The meeting was attended by the scientists of Forest Research Institute (FRI), Dehradun, Central Soil and Water Conservation Research and Training Institute (CSWCRT), Dehradun and National Institute of Hydrology (NIH), Roorkee.

## Variety Releasing Committee Meeting

Second meeting of the Variety Releasing Committee (VRC) was held on 15<sup>th</sup> September 2011 at Ministry of Environment and Forests, Government of India, Paryavaran Bhavan, New Delhi, under the Chairmanship of Director General, Forests and Special Secretary, Government of India, Ministry of Environment and Forests, New Delhi. Proposals for the release of two clones namely (1). *Dalbergia sissoo* Roxb. (FRI-DS-14) and (2). *Eucalyptus* hybrid (FRI-EH-001) developed by Forest Research Institute, Dehra Dun, for cultivation in North India, were placed for the consideration of the Committee. After detailed presentations made by the respective Principal Investigators and deliberations in view of the comments offered by different VRC Members, the VRC was unanimous in releasing both clones for cultivation in North India.

## Patent

FRI, Dehradun filed a Patent entitled "An improved binding material for incense stick (Agarbatti)" – Application No. 1802/Del/2011 dated 24<sup>th</sup> June 2011.

## Technology Transferred

A technology for "An improved binding material for incense stick (Agarbatti)" was transferred to M/s Anand Agarbatties, Nagpur at a license fees of Rs. 2.5 lakhs only on 29<sup>th</sup> June 2011 by Forest Research Institute, Dehradun.

## Awards

The presentation entitled "Green approaches towards characterization of *Tinospora sinensis*" by Ms. Shipra Nagar, Dr. Vineet Kumar and Dr. Y.C. Tripathi was awarded 1st Prize for Best Presentation in the *Conference on Environmental Conservation, Sustainable Natural Resource Management and Strategies for Regional Development - with reference to Uttarakhand*, on 1<sup>st</sup> and 2<sup>nd</sup> May 2011 at Dehradun.

**Shri R. Das**, IFP, Ranchi received life time achievement award for his contributions in community based natural resource management by Global Consortium of Contemporary biologists (2010).

**Young Scientist Award** for Best Oral Presentation given to **Ms. Shipra Nagar**, Ph.D. Scholar, FRI, Dehradun for paper entitled "Structural Studies on *Tinospora sinensis* Polysaccharide" and to **Mr. Praveen Onial**, RA- I, FRI, Dehradun for the paper entitled 'Utilization of *Tagetes minuta* and *Terminalia chebula* as a source of natural dye" in the 6<sup>th</sup> UCOST Congress 2011 held at Almora from 14<sup>th</sup> to 16<sup>th</sup> November 2011.

Oral Presentation entitled "Quality, Safety and Efficacy of Herbal Medicines – Phytochemical Approach" by Dr. Y.C. Tripathi and Ms. Shipra Nagar was awarded **1<sup>st</sup> Prize for Best Oral Presentation** in the 10<sup>th</sup> *Symposium on Phytochemistry and Ayurveda: Potential and Prospects* on 24<sup>th</sup> December, 2011 at Dehradun. Poster entitled "Search of Modern Antidiabetic Remedies: Ayurveda Show the Pathway" by Ms. Shipra Nagar, Ms. Manisha Redhu, Dr. Y.C. Tripathi and Lokesh Upadhyay was also awarded **1<sup>st</sup> Prize for Best Poster Presentation** in the Symposium

### ICFRE has become DOE on CDM

The Indian Council of Forestry Research and Education (ICFRE) has become the first Designated Operational Entity (DOE) on CDM in India. ICFRE has been accredited by the Executive Board of Clean Development Mechanism of the United Nations Framework Convention on Climate Change (UNFCCC) as DOE for validation and verification/certification functions for the sectoral scope Afforestation and Reforestation in its fifty ninth meeting held at Bonn, Germany from 14<sup>th</sup> to 18<sup>th</sup> February 2011.



### **Kisan Mela/exhibition/trade Fair Etc.**

IFGTB, Coimbatore organized the 3<sup>rd</sup> Tree Growers Mela on 24<sup>th</sup> and 25<sup>th</sup> February 2011 at the institute in association with the Tamil Nadu Forest Department for farmers of Tamil Nadu and Pondicherry. As part of the mela a workshop on Best Practices in Tree Farming and an Exhibition on Plantation Technologies were organized. IFGTB, Coimbatore released the biopesticide product "Vilvekam- *Aegle marmelos* seed oil based biopesticide" a formulation developed from the oil of *A. marmelos*, N Fixer Frankia a growth promoter for Casuarinas and a book on Malai vembu (*Melia dubia*) were released.

IWST, Bangalore participated in "5<sup>th</sup> International Exhibition and Conference on Wood, Bamboo, Plywood, Panels, Laminates, Agro Waste Working Machinery and other allied products" at Pragati Maidan, New Delhi organised by M/s International Trade and Exhibitions Events Pvt. Ltd. from 22<sup>nd</sup> to 24<sup>th</sup> September 2011.

RFRI, Jorhat participated in the Science Exhibition on the occasion of "World Tea Congress" at Tocklai, Jorhat from 22<sup>nd</sup> to 24<sup>th</sup> November 2011.

### **Grant-in-Aid**

ICFRE has been providing Grant-in-Aid to various forestry universities / institutions under Agricultural Universities offering Undergraduate and Postgraduate Courses to strengthen the infrastructure for giving impetus to Forestry Education in the country. During the period January to December 2011, Rs. 162.17 lakh have been released to 11 Universities as grant-in-aid.

### **Stakeholders' Meet**

To prioritize various forestry related research activities for the states, ICFRE institutes regularly organized stakeholders' meetings.

The Stakeholders' Meeting was organised by IWST, Bangalore on 5<sup>th</sup> July 2011. The Chief Guest was Mr. A.K. Varma, PCCF and Managing Director, KSFIC and Mr. G.S. Prabhu, Managing Director, Karnataka State Bio Fuel Development Board was the Guest of Honour. Twenty six delegates participated in the meeting.

The Stakeholders' Meeting was organised by IWST, Bangalore on 8<sup>th</sup> July 2011 at Goa. The Chief Guest was Dr. S.C. Joshi, Director, IWST and

Mr. Yogesh, Chief Conservator of Forests, Goa, Conservator of Forests, Goa, Deputy Conservator of Forests of Goa Forest Department was the Guest of Honour. Fifteen delegates attended the meeting.

TFRI organized stakeholders' meeting for Madhya Pradesh at Bhopal on 30<sup>th</sup> April 2011, for Maharashtra at Nagpur on 20<sup>th</sup> June 2011 and on 29<sup>th</sup> June 2011 for Chhattisgarh at Raipur.

A stakeholders' meeting was organized on 6<sup>th</sup> July 2011 at TRC Jaipur by AFRI, Jodhpur, seven concept notes were presented. The meeting was chaired by Shri U.M. Sahai, PCCF, (wildlife) Rajasthan.

A stakeholders' meeting was organized in TRC, Gandhinagar on 26<sup>th</sup> July 2011. Shri Pradeep Khanna, PCCF, Gujarat chaired the meeting. The Addl. PCCF, CCF, Senior forest officers of Gujrat, scientists, academicians and farmers of Gujarat attended the meeting.

HFRI, Shimla organized a 'Consultative Stakeholders' Meeting on 04<sup>th</sup> August 2011 at Leh, which was chaired by Shri PC Kapoor, Director, State Forest Research Institute, J&K.

IFP, Ranchi organized II Stakeholders' Meet in the state of Jharkhand on 12<sup>th</sup> August 2011 under the chairmanship of Sh. B.D. Bhagat, Retd. PCCF, Jharkhand which was attended by eminent forest officers, academicians, non-government organizations and progressive farmers of the state.

### **ICFRE Wide Area Network**

Moving one step above the MPLS- VPN connectivity, the ICFRE has taken an initiative for its inclusion in National Knowledge Network (NKN) programme initiated by Government of India. Once completed ICFRE seeks to utilize this NKN connectivity as a substitute to its existing MPLS-VPN which would result in a saving of around Rs. 60 lakh per year, while providing high speed connectivity including internet connectivity.

### **ICFRE Data Centre (ISO 27001-2005)**

ICFRE Server Farm (Data Centre), an ISO 27001-2005 Certified Data Centre, apart from the IFRIS, hosted other applications like Database, Portal, Application Service, Email, DNS, Proxy Service, Antivirus, Firewall, Content filtering like Anti-SPAM, Anti-Spyware etc and Suitable Data Backup and Recovery systems.



**DR. V.K. BAHUGUNA, DG, ICFRE, DEHRADUN VISITED ICFRE INSTITUTES**

The DG, ICFRE, visited IFGTB, Coimbatore on 30<sup>th</sup> May 2011. He interacted with the scientists,



Release of chart by the DG, ICFRE at IFGTB, Coimbatore

officers and staff of the institute and also visited the various facilities of the institute.

The Director General released a poster on Animal and Plant classification for school children on the occasion.

Dr. V.K. Bahuguna, Director General, ICFRE, Dehradun, visited AFRI, Jodhpur on 20<sup>th</sup> and 21<sup>st</sup> June 2011. The Director General inaugurated the mist chamber and renovated nursery facilities and held a meeting with all the officers and scientists of the institute.



DG, ICFRE at AFRI, Jodhpur

The DG, ICFRE inaugurated **Bamboo Composite Centre** on 8<sup>th</sup> August 2011 established by RFRI, Jorhat with the technical support from Indian Plywood Industries Research and Training Institute (IPIRTI), Bangalore. The Institute has already procured machinery for processing and production



Dr.V.K.Bahuguna inaugurating Bamboo Composite Centre at RFRI, Jorhat

of quality bamboo products. The Cell will facilitate entrepreneurship and skill development not only for the local users, but also for other users from entire North Eastern Region in public private partnership mode.

Dr. Bahuguna also visited IWST, Bangalore on 29<sup>th</sup> August 2011. He held a press conference regarding the technologies developed by the institute.

The DG, ICFRE visited HFRI, Shimla and its Field Research Stations located in different agro-climatic zones of the state from 3<sup>rd</sup> to 10<sup>th</sup> December 2011. He inspected field works and demonstration plantations established by the institute and interacted with the senior Forest Officers of the Forest Department of Himachal Pradesh. The DG, also planted Deodar - the sacred and state tree and vehemently advocated its planting, conservation and protection.



Dr.V.K.Bahuguna planting Deodar at HFRI

Dr. V.K. Bahuguna, DG, ICFRE during his visit to the institute also inaugurated the newly constructed "M.D. Chaturvedi Memorial Training Complex" in the premises of HFRI, Shimla on 5<sup>th</sup> December 2011.



Dr.V.K.Bahuguna inaugurated "M.D. Chaturvedi Memorial Training Complex"

## Dr. V.K. Bahuguna is the new Director General of ICFRE

Dr. V.K. Bahuguna, IFS has assumed the charge of the post of Director General, Indian Council of Forestry Research and Education, Dehradun on 20<sup>th</sup> May 2011. He is an Indian Forest Service Officer of 1979 batch belonging to Manipur Tripura cadre.



**Dr. V.K. Bahuguna, IFS  
DG, ICFRE**

### HR NEWS

Name & Designation	Date	Name & Designation	Date																												
<b>Appointments:</b>		<b>Repatriation:</b>																													
Shri Pankaj Singh, RO, IFP, Ranchi	01.02.2011	Shri D. Chattopadhyay, FA&CAO, ICFRE, Dehradun	24.01.2011																												
Shri Sanjay Singh, Scientist-B, TFRI, Jabalpur	11.04.2011	Shri Lalnunsanga Khawlhing, DCF, ARCBR, Aizawl	31.01.2011																												
Shri Surinder Singh Bisht, Scientist-B, IWST, Bangalore	15.04.2011	Shri Anurag Bhardwaj, DCF, ICFRE, Dehradun	31.01.2011																												
Mrs. Ismita Nautiyal, Scientist-B, FRI, Dehradun	25.04.2011	Shri Piar Chand, DCF&Registrar, FRI, Dehradun	14.03.2011																												
Ms. Amita Pant, Scientist-B, IWST, Bangalore	25.04.2011	Shri M. Graham Dorai, SFS, DCF, TFRI, Jabalpur	31.03.2011																												
Shri Manish Kumar Singh, Scientist-B, AFRI, Jodhpur	29.04.2011	Shri A.K. Pandey, CF&Head, CSFER Allahabad	31.03.2011																												
Dr. Devendra Kumar, Scientist-C, ICFRE	05.07.2011	Shri Jabber Singh, DCF, AFRI, Jodhpur	25.04.2011																												
Dr. Maneesh Singh Bhandari, Scientist-B, FRI, Dehradun	25.07.2011	Shri E. Venkat Reddy, DCF, FRC, Hyderabad	16.05.2011																												
Ms. Ranjana Kumari Negi, Scientist-B, FRI, Dehradun	25.07.2011	Shri S.K. Pal, SFS, DCF, IFP, Ranchi	27.05.2011																												
Dr. Shailesh Pandey, Scientist-B, RFRI, Jorhat	05.08.2011	Dr. G.S. Rawat, DDG (Res.), ICFRE, Dehradun	13.06.2011																												
Shri Hans Raj, Scientist-B, ARCBR, Aizawl	05.08.2011	Dr. N.S. Chauhan, CMO, New Forest Hospital, FRI	14.06.2011																												
Shri. Mohd. Ibrahim, Scientist-B, RFRI, Jorhat	05.08.2011	Dr. D. Jayaprasad, IFS, DCF, FRC, Hyderabad	10.07.2011																												
Ms. Deepa M., Scientist-B, TFRI, Jabalpur	10.08.2011	Shri Proshanta Hazarika, Controller, RFRI, Jorhat	15.07.2011																												
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Shri Rajendra Kumar Meena, Scientist-B, ARCBR, Aizawl	01.09.2011	Shri Gulab Singh, DCF, FRI, Dehradun	30.09.2011																												
Ms. Shiwani Bhatnagar, Scientist-B, AFRI, Jodhpur	12.09.2011	Shri Binay Kumar Mishra, DCF, IFP, Ranchi	31.10.2011																												
Shri Naseer Mohd. Scientist-B, TFRI, Jabalpur	26.09.2011	Shri S.A. Thomas, SFS, DCF, TFRI, Jabalpur	11.11.2011																												
Shri Aditya Kumar, Scientist-B, RFRI, Jorhat	29.09.2011	Shri Ashish Rawat, IFS, ADG(RP), ICFRE	16.11.2011																												
<b>Promotion:</b>		Dr. Dharmendra Verma, IFS, ADG(EM), ICFRE	12.12.2011																												
Shri Anoop Singh Chauhan, RO, ICFRE, Dehradun	10.03.2011	Dr. Rabindra Kumar, IFS, DDG (Exten.), ICFRE	31.12.2011																												
Mrs. P.R. Triveni, RO, IWST, Bangalore	11.03.2011	Dr. Sanjay Srivastava, IFS, ADG(RB), ICFRE	31.12.2011																												
Shri N. Venkatasubramanian, RO, IFGTB, Coimbatore	11.03.2011	<b>Retirement:</b>																													
Shri Mahinder Singh, RO, FRI, Dehradun	11.03.2011	Shri R.K. Manchanda, E&AO, FRI, Dehradun	31.01.2011																												
Shri P.C. Verma, RO, FRI, Dehradun	11.03.2011	Dr. Rita Dhawan, Scientist-F, ICFRE, Dehradun	28.02.2011																												
Shri Shailender Kumar, RO, FRI, Dehradun	11.03.2011	Shri P. Narayanappa, Scientist-E, IWST, Bangalore	31.03.2011																												
Shri A. Durai, RO, IFGTB, Coimbatore	11.03.2011	Dr. P. Soni, Scientist-G, FRI, Dehradun	31.05.2011																												
Shri A.J.K. Asaiya, RO, CFR&HRD, Chhindwara	15.03.2011	Shri Dr. N. Venkatasubramanian, RO, IFGTB, Coimbatore	30.06.2011																												
Shri D.K. Das, RO, IFP, Ranchi	28.04.2011	Shri P. Kumar, Scientist-C, IWST, Bangalore	31.08.2011																												
Shri Bibhuti Deka, RO, IFP, Ranchi	28.04.2011	Shri Pantanga Ram, FRO, HFRI, Shimla	30.11.2011																												
Shri Janardan Singh, Under Secretary, IWST, Bangalore	29.08.2011	Shri. S.D. Sonkar, Scientist- F, TFRI, Jabalpur	31.12.2011																												
Shri Vedpal Singh, Scientist-B, FRI, Dehradun	26.12.2011	<b>Resignation:</b>																													
Shri H.N. Dhungana, Scientist-B, RFRI, Jorhat	26.12.2011	Dr. C.M. Mathavan, Scientist-C, FRI, Dehradun	13.07.2011																												
Shri D. Gurung, Scientist-B, RFRI, Jorhat	26.12.2011	Shri Bhabesh Gogoi, Scientist-B, ARCBR, Aizawl	July 2011																												
Shri Satyam Bordoloi, Scientist-B, RFRI, Jorhat	26.12.2011	<b>Transfers:</b>																													
Shri A. Mayavel, Scientist-B, IFGTB, Coimbatore	30.12.2011	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">From</th> <th style="width: 50%;">To</th> </tr> </thead> <tbody> <tr> <td>Dr. A.K. Mandal, Scientist-G, TFRI, Jabalpur</td> <td>IFP, Ranchi</td> </tr> <tr> <td>Dr. Mohd. Yusuf, Scientist-F, TFRI, Jabalpur</td> <td>FRI, Dehradun</td> </tr> <tr> <td>Dr. Paramjit Singh, Sci.-E, RFRI, Jorhat</td> <td>V V Bhawan, New Delhi</td> </tr> <tr> <td>Dr. A.C. Surya Prabha, Sci.-C, CFRHRD, Chhindwara</td> <td>IFGTB, Coimbatore</td> </tr> <tr> <td>Dr. Vaneet Jishtu, Sci.-B, RFRI, Jorhat</td> <td>HFRI, Shimla</td> </tr> <tr> <td>Dr. Nawa Bahar, Sci.-B, RFRI, Jorhat</td> <td>FRI, Dehradun</td> </tr> <tr> <td>Shri N.D. Khobradge, Sci.-B, IFP, Ranchi</td> <td>CFRHRD, Chhindwara</td> </tr> <tr> <td>Shri N.P. Mahadevan, Sci.-B, RFRI, Jorhat</td> <td>IFGTB, Coimbatore</td> </tr> <tr> <td>Shri N.P.S. Nain, DCF, RFRI, Jorhat</td> <td>TFRI, Jabalpur</td> </tr> <tr> <td>Dr. Hukum Singh, RO, IFGTB, Coimbatore</td> <td>FRI, Dehradun</td> </tr> <tr> <td>Shri S.N. Vijaychandran, RO, FRI, Dehradun</td> <td>IFGTB, Coimbatore</td> </tr> <tr> <td>Ms. Desha Meena, RO, IFGTB, Coimbatore</td> <td>AFRI, Jodhpur</td> </tr> <tr> <td>Shri Bhubita Deka, RO, IFP, Ranchi</td> <td>ARCBR, Aizawl</td> </tr> </tbody> </table>		From	To	Dr. A.K. Mandal, Scientist-G, TFRI, Jabalpur	IFP, Ranchi	Dr. Mohd. Yusuf, Scientist-F, TFRI, Jabalpur	FRI, Dehradun	Dr. Paramjit Singh, Sci.-E, RFRI, Jorhat	V V Bhawan, New Delhi	Dr. A.C. Surya Prabha, Sci.-C, CFRHRD, Chhindwara	IFGTB, Coimbatore	Dr. Vaneet Jishtu, Sci.-B, RFRI, Jorhat	HFRI, Shimla	Dr. Nawa Bahar, Sci.-B, RFRI, Jorhat	FRI, Dehradun	Shri N.D. Khobradge, Sci.-B, IFP, Ranchi	CFRHRD, Chhindwara	Shri N.P. Mahadevan, Sci.-B, RFRI, Jorhat	IFGTB, Coimbatore	Shri N.P.S. Nain, DCF, RFRI, Jorhat	TFRI, Jabalpur	Dr. Hukum Singh, RO, IFGTB, Coimbatore	FRI, Dehradun	Shri S.N. Vijaychandran, RO, FRI, Dehradun	IFGTB, Coimbatore	Ms. Desha Meena, RO, IFGTB, Coimbatore	AFRI, Jodhpur	Shri Bhubita Deka, RO, IFP, Ranchi	ARCBR, Aizawl
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Ms. Desha Meena, RO, IFGTB, Coimbatore	AFRI, Jodhpur																														
Shri Bhubita Deka, RO, IFP, Ranchi	ARCBR, Aizawl																														
<b>Deputation:</b>																															
Dr. V.K. Bahuguna, IFS, DG, ICFRE, Dehradun	20.05.2011																														
Shri Anup Kumar Deka, APFS, DCF, RFRI, Jorhat	31.01.2011																														
Dr. Lalit Narayan, SFS, DCF, FRI, Dehradun	25.07.2011																														
Shri T.S. Punnoose, FRO, IFGTB, Coimbatore	12.08.2011																														
Ms. Praneetha Paul, IFS, DCF, IWST, Bangalore	16.08.2011																														
Shri M.R.G. Reddy, IFS, CF, FRC, Hyderabad	30.09.2011																														
Shri Umesh Kumar, SFS, DCF, FRI, Dehradun	03.10.2011																														
Smt. Neelu Gera, IFS, ADG (PF), ICFRE	10.10.2011																														
Shri R.K. Acharya, SFS, DCF, FRI, Dehradun	11.10.2011																														
Shri S.P. Singh, FRO, FRI, Dehradun	19.10.2011																														
Shri Sandeep Kujur, IFS, DCF, ICFRE	28.10.2011																														
Shri Sandeep Tripathi, IFS, DDG (Res.), ICFRE	29.12.2011																														
Dr. Rameshwar Das, IFS, Director, IFP, Ranchi	29.12.2011																														
Shri M. Srinivasa Rao, IFS, CF, IWST, Bangalore	30.12.2011																														

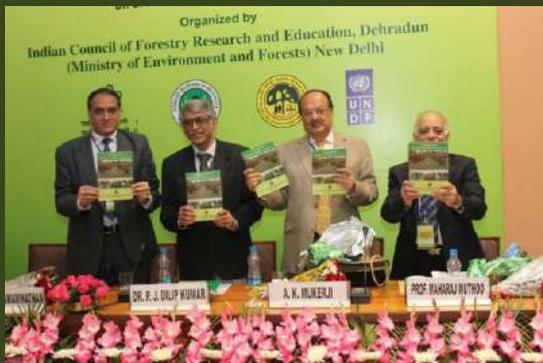
#### OBITUARY

ICFRE Family deeply condoles the sudden and sad demise of Shri T. Simadri, Lab/Field Attendant of IFP, Ranchi on 8<sup>th</sup> July 2011 and prays for the peace of the departed soul.

#### Disclaimer

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# Glimpses of Indian Forest Congress 2011



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