### RFRI CONDUCTS WEEKLONG TRAINING ON BAMBOO FOR IFS OFFICERS

**Rain Forest Research Institute, Jorhat (Assam)** organized a One-week compulsory training course on '*Bamboo Resource Development for Addressing Livelihood Concerns of Communities*' for officers of Indian Forest Service (IFS) during November 14-18, 2022 under the aegis of Ministry of Environment, Forest & Climate Change, Government of India. A total of 20 (twenty) IFS officers from 12 states had participated in the training programme, meticulously planned by Shri R. K. Kalita, Course Director.

The Training Programme was inaugurated by Prof. V. Ravishankar, Director, National Institute of Design, Assam as Chief Guest. At the outset, Dr. R. K. Borah, Scientist–G & Director, RFRI welcomed all the esteemed participants. All the participants were welcomed with traditional *Phulam Gamosa*. A RFRI publication entitled, "*Aquilaria malaccensis*: An Annotated Bibliography" authored by Dr. R. S. C. Jayaraj, *et. al.* was released in the inaugural session. In his address, Dr. Ravishankar remembered his reminisces about his childhood spent as offspring of Army Officer in the foothills of Arunachal Pradesh and his craze for forests since childhood. So, he requested all the IFS Officers for a similar craze in disbursement of their duties. He also spoke about the role of bamboo in the entire socio-economic fabric of the people of the North East India.

Shri R. K. Kalita, Course Director briefly highlighted the broad theme and purpose of the training programme and offered formal Vote of Thanks.

#### **Technical Sessions:**

There were altogether ten Technical Sessions delivered by eminent resource persons. Dr. T. C. Bhuyan, Scientist (Retired), RFRI and Consultant, North Eastern Cane & Bamboo Development Council, Burnihat, Guwahati (Assam)) on 'Bamboo Propagation, Cultivation and Management'. Dr. L. B. Singha, Professor, Manipur University, Imphal, Manipur on 'Bamboo Diversity and Consequences of Its Flowering in North-East India'. Er. A. K. Baruah, CEO, Assam BioRefinery Private Ltd., Numaligarh, Golaghat (Assam) deliberated upon 'Bamboo Biomass to Ethanol'. Mrs. Krishna Sarmah, President, We Care Foundation, Guwahati (Assam) delivered a presentation on 'Role of bamboo for economic empowerment of rural people'. Dr. R. K. Borah, Scientist G and Director delivered an account of R and D activities on bamboo of the Institute, entitled, 'Bamboo Research and Development at RFRI, Jorhat. Dr. R. D. Borthakur, Chief Technical Officer, RFRI, Jorhat delivered a presentation on 'Bamboo Charcoal and its Utilization for Livelihood Generation: Learning from Karbi Anglong'. Dr. Abhinav Kant, In-charge, Bamboo and Cane Development Institute, Agartala, Tripura delivered a presentation on 'Technology in Bamboo Sector for Rural Livelihood'. Shri Priyam Ballav Goswami, Architect, Jorhat delivered a presentation on 'Bamboo in structural construction'. Dr. Vipin Chawla, Scientist, IWST (previously in IPIRTI), Bangalore delivered his presentation on 'Bamboo Composite Technology for commercialization.

Two participating Officers also shared their experiences of their respective states.

Shri Rahul Namdev Patil, participating Officer from Maharashtra presented a Success Story of Bamboo Research & Training Centre (BRTC), Chandrapur (Maharashtra) during his tenure as Director of the said Institute. BRTC began as an autonomous organization of Maharashtra Forest Department under the guidance of Maharashtra Bamboo Development Board on 4<sup>th</sup> December, 2014. BRTC organized Certificate courses in collaboration with BCDI (Tripura), set up Chandrapur *agarbatti* Project in collaboration with ITC Ltd., set up Bamboo Art Units in three Universities (of Pune, Rahuri and Amravati), established a Bambusetum and set up four Bamboo Handicraft and Art Unit (BHAU) at four different locations.

#### **Field Visits:**

Two Field visits were planned:

The participants visited to the Majuli Island where they had a flavor of the Satra-centric Vaishnavite culture by paying homage at the Sri Uttar Kamalabari Satra. The Participants visited Sri Samaguri Satra and witnessed bamboo mask-making art (*Mukha-Shilpa*) of the Satra. They also enjoyed the live performance of the different artists with Masks.

Second Field Trip was conducted to visit ABRPL, Numaligarh and Kaziranga National Park. The Participants witnessed the Bio Refinery which is under construction. They interacted with various Officials of the Refinery.

At Kaziranga, the Participants were welcomed by the Field Director, Shri Jatindra Nath Sarma, IFS. Shri Ramesh Chandra Gogoi, DFO, KNP delivered a presentation on overall activities of the Park. The Participants visited the Park and enjoyed the wilderness of the Park.

#### Valedictory Session:

The Valedictory Session of the training programme was chaired by P.V. Narsinga Rao, IFS, PCCF & CWLW, Chhattisgarh. Appreciating the overall training module (including selection of Resource Persons) and schedule management, he praised the Course Director and his team. All the participants unequivocally appreciated the effort of the Institute and thanked the Course Director and his team for efficient conduct of the training. They commented that the Training was the perfect blending of inhouse sessions as well as field visits where participants got exposure of real applications of bamboo and its role in livelihood generation of the people.

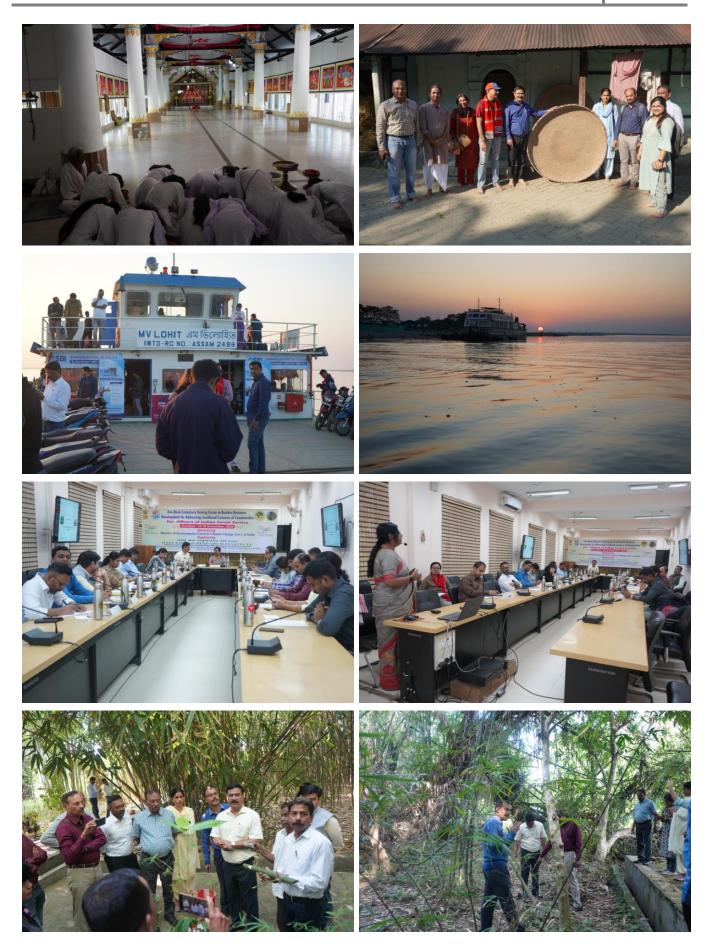
Certificates were distributed to participation at the Valedictory Session.

### GLIMPSES OF THE TRAINING PROGRAMME

















#### November 16, 2022



# National-level training on bamboo underway at Rain Forest Research Institute

#### CHRONICLE NEWS SERVICE

JORHAT: Rain Forest Research Institute, Jorhat (Assam) has started a weeklong training on Bamboo Resource Development for Addressing Livelihood Concerns of Communities for the Officers of Indian Forest Service from 14th November 2022. There are twenty Officers representing 12 States of India. The Training was inaugurated by Prof. V. Ravishankar, Director, National Institute of Design Assam. Jorhat

of Design Assam, Jorhat. At the outset, Dr. R. K. Borah, Director, RFRI, Jorhat welcomed the Chief Guest



and esteemed participants to the Institute. In his welcome speech, Dr. Borah had drawn attention to bamboo production and productivity of India visa-vis China. Dr. Borah was hopeful that the Officers attending the training will immensely benefit their respective States. Shri R. K. Kalita, Course Director of the Training Programme gave a detailed overview of the whole course. An RFRI publication entitled, 'Aquilaria malaccensis: Annotated Bibliography' was released on the occasion by the Chief Guest. In his inaugural speech, Dr. Ravishankar shared certain reminiscences of his childhood about the forests of Arunachal Pradesh. He stressed on using bamboo handicrafts with modern designs. He appreciated the effort of RFRI, Jorhat, on research and development work of bamboo and expected that all the participants would be benefited from this Programme. Course Director, Shri R. K. Kalita offered the customary Vote of Thanks. On the first day, Techni-

On the first day, Technical Sessions were conducted by Dr. T. C. Bhuyan from NECBC on 'Bamboos of India: An overview', Burnihat; Prof. L. B. Singha from Manipur University on 'Bamboo diversity and consequences of its flowering in NE India' and Er. Anup Kr. Baruah from ABRPL, Numaligarh on 'Ethanol production using Bamboo biomass'. The training course will also cover bamboo resource management, applications of bamboo, its importance in livelihood generation and the bamboo value chain. Certain basic as well as applied aspects of the bamboo development programme will be dealt with in this course, besides field visits to Majuli and Kaziranga.



#### নিজা বাতৰি দিওঁতা

টীয়ক, ১৯ নৱেম্বৰ ঃ যোৰহাটৰ বৰ্ষাৰণ্য গৱেষণা প্ৰতিষ্ঠানত ১৪ নৱেম্বৰৰপৰা অনুষ্ঠিত 'সাধাৰণ ৰাইজৰ জীৱিকাৰ

নুমলীগড় অসম জৈৱ শোধনাগাৰৰ মুখ্য কাৰ্যবাহী বিষয়া অনুপ কুমাৰ বৰুৱা, প্ৰতিষ্ঠানৰ সঞ্চালক ড° ৰাজীৱ কুমাৰ

২০ বন বিষয়াৰ অংশগ্ৰহণ

বৰা, গুৱাহাটীৰ কৃষ্ণা শৰ্মা, প্ৰতিষ্ঠানৰ মুখ্য কাৰিকৰী বিষয়া ড° ৰুণুমী দেৱী বৰঠাকুৰ, ত্ৰিপুৰাৰ ড° অভিনৱ কান্ত, যোৰহাটৰ স্থাপত্যবিদ প্ৰিয়মবল্লভ গোস্বামী, বেংগালুৰৰ ড° বিপিন কুমাৰ চাওলাই বাঁহৰ সকলো দিশ সামৰি প্ৰশিক্ষণ

প্ৰদান কৰে। প্ৰশিক্ষণৰ মাজতে মাজুলীৰ চামগুৰি সত্ৰৰ বিখ্যাত মুখাশিল্পৰো ব্যাখ্যা কৰা হয়। প্ৰশিক্ষাৰ্থীসকলে মাজুলীৰ মুখা শিল্পৰ লগতে মাজুলীৰ নৈসৰ্গিক প্ৰাকৃতিক পৰিৱেশ দেখি আপ্লত হয়। দলটোৱে যোৰহাট-মাজলী সংযোগী নির্মীয়মাণ দলঙৰো বুজ লয়। প্রশিক্ষার্থীসকলে কাজিৰঙা ৰাষ্ট্ৰীয় অভয়াৰণ্যও পৰিদৰ্শন কৰে। প্ৰশিক্ষণৰ অন্তত সকলোকে মান-পত্ৰ প্ৰদান কৰা হয়।

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কাৰণে বাঁহৰ উন্নয়ন' শীৰ্ষক ভাৰতীয় বন সেৱা বিষয়াৰ ৰাষ্ট্ৰীয় পৰ্যায়ৰ প্ৰশিক্ষণৰ কালি সামৰণি পৰে। দেশৰ কৰে। কেন্দ্ৰীয় চৰকাৰৰ পৰিৱেশ, বন আৰু জলবায়ু পৰিৱৰ্তন মন্ত্ৰণালয়ৰ অৰ্থ সাহয্যত অনুষ্ঠিত প্ৰশিক্ষণ উদ্ধোধন কৰে যোৰহাট ৰাষ্ট্ৰীয় নক্সা প্ৰতিষ্ঠানৰ অসমৰ সঞ্চালক অধ্যাপক ভি ৰবিশংকৰে। প্ৰতিষ্ঠানটোৰ জ্যেষ্ঠ বিজ্ঞানী পাঠ্যক্রম পৰিচালক ৰাজীৱ কুমাৰ কলিতাই আদৰণী ভাষণ দিয়াৰ উপৰি পাঁচদিনীয়া প্ৰশিক্ষণটো পৰিচালনা কৰে। প্ৰশিক্ষণত সমল ব্যক্তি হিচাপে বৰ্ণিহাটৰ বেত আৰু বাঁহ উন্নয়ন পৰিষদৰ ড° তিলক চন্দ্ৰ ভূএগ, মণিপুৰ বিশ্ববিদ্যালয়ৰ অধ্যাপক ড° লাল বিহাৰী সিংহ,

