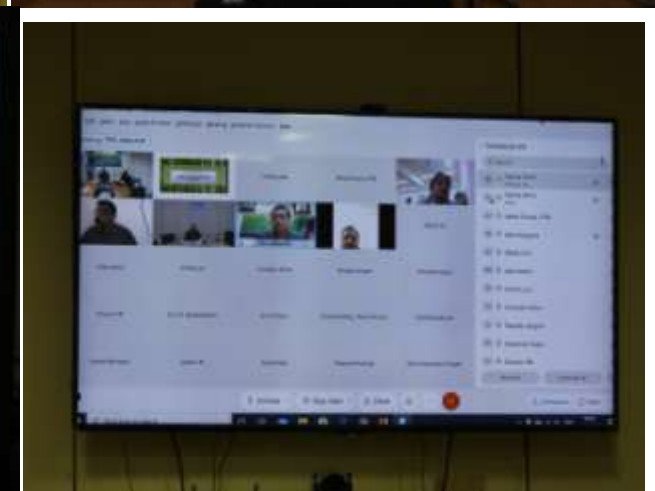


Online National Seminar on "Propagation, Management and Development of Value Chain in Bamboos" organized on 10th February 2021 at TFRI, Jabalpur

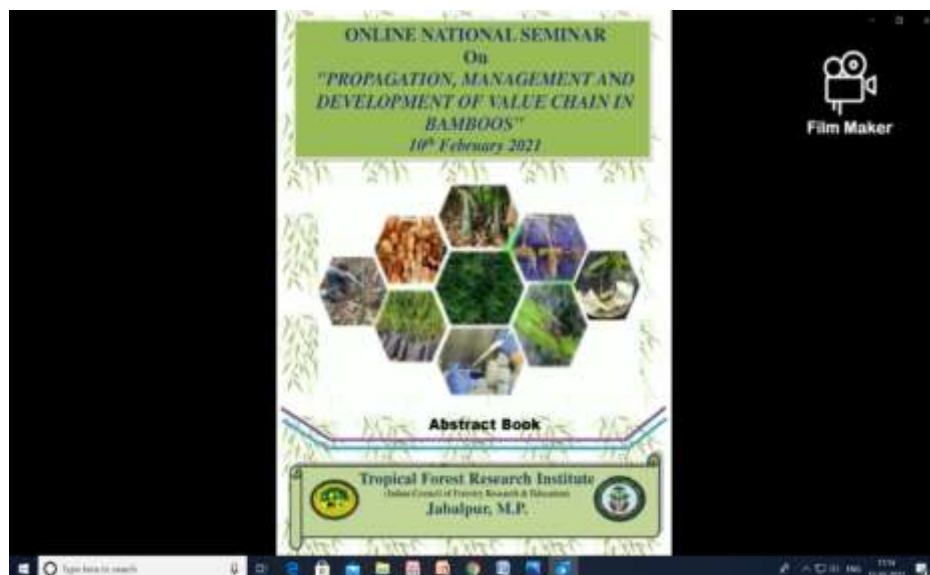
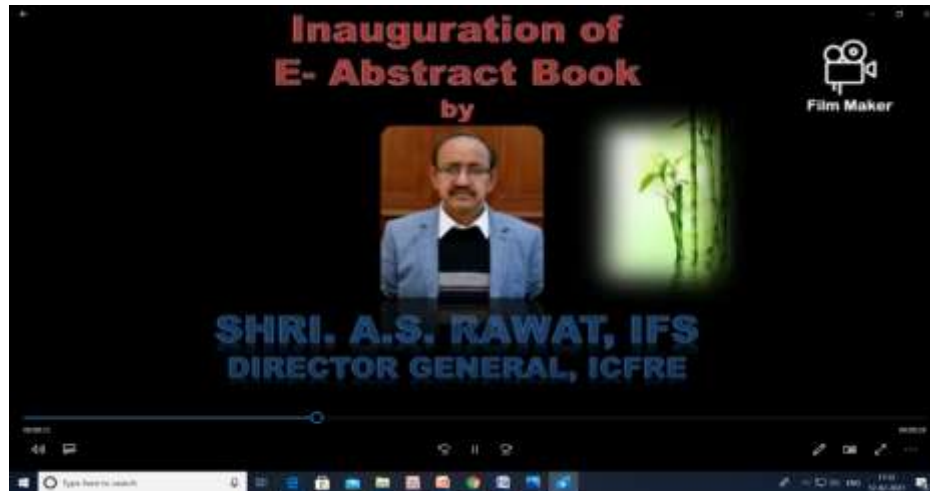
Online National Seminar on "Propagation, Management and Development of Value Chain in Bamboos" was organized on 10th February 2021 by Genetics and Tree Improvement Division, Tropical Forest Research Institute, Jabalpur. The Seminar started with the inaugural program. Dr. Fatima Shirin, HOD, GTI Division, TFRI and Organizing Secretary addressed the guests and welcomed all the invitees and participants. She briefed about the importance of Bamboo in livelihood generation and environmental rejuvenation. She emphasized the need for quality planting material to enhance productivity and increase in green cover outside forest areas. Dr. G. Rajeshwar Rao, ARS, Director, TFRI and Convenor of the National Seminar addressed the gathering and welcomed the guests. He stressed on the importance of development of complete value chain in bamboo from primary growers to consumers. He elaborated that providing technical support to stakeholders in developing functional value chain will lead to economic, social and ecological sustainability of Bamboo cultivation. Dr. Alka Bhargava, IFS, Additional Secretary, Agroforestry and National Bamboo Mission, Ministry of Agriculture and Farmers Welfare, New Delhi was the special invitee. She explained in detail about the initiatives being taken by NBM for promoting bamboo sector in the country. She emphasized on the industrialization of the sector, need for certified quality planting material of commercially important species like *Bambusa tulda* to be supplied by institutes like TFRI. Shri A.S. Rawat, IFS, Director General, ICFRE, Dehradun was the Chief Guest and addressed the gathering and congratulated the Director, TFRI and staff of TFRI for organizing the online National Seminar. He sought the intervention of NBM for promoting the quality planting material produced by ICFRE institutes among stakeholders under license agreement. He appreciated the themes being covered in the seminar and suggested for including marketing and market linkages in future programmes on Bamboo. The E-abstract book was inaugurated by him through virtual mode. The inaugural programme ended with thanks to the eminent guests and all participants by Dr. Fatima Shirin. The seminar was attended by 149 participants. The Technical sessions started with the invited lecture by Dr. B.B. Singh, IFS, PCCF, M.P.

Forest Department. He discussed about the programmes of MP State Bamboo Mission, and it's vision. He further elaborated on popularization of bamboo in farmer's field, establishment of industrial clusters, Bamboo Economic Zones in M. P. and other aspects of commercialization. The Technical session consisted of four themes. The Theme-I was on Principles and practices of macro propagation and tissue culture of Bamboos. Different speakers presented their work on vegetative propagation of Bamboos. The session was chaired by Dr. E.M. Muralidharan, Senior scientist (Retd.), KFRI, Kerala. The Theme-II was on Silviculture and nursery management in Bamboos was chaired by Dr. R.S.C. Jayaraj, IFS, Director, RFRI, Jorhat, Assam. The Theme-III was on Management of pests and diseases and genetic diversity of bamboos chaired by Dr. Nitin Kulkarni, Director, IFP, Ranchi, Jharkhand. Dr. G. Rajeshwar Rao, ARS, Director, TFRI, Jabalpur chaired the last technical session on Agroforestry and development of value chain of bamboos. Online presentations were done by different participants and discussions and deliberations were carried out throughout the day. Plenary session was chaired by Dr. G. Rajeshwar Rao, Director, TFRI, Jabalpur and panel discussion was conducted with expert members and participants. At the end of plenary session, vote of thanks was proposed by Dr. Pramod Kumar, Scientist-C, TFRI, Jabalpur and Joint Organizing Secretary of the Seminar.

Inaugural session of Online National Seminar on Propagation, Management and Development of Value Chain in Bamboos on 10th February, 2021



Release of E- Abstract Book



Technical Sessions of Online National Seminar on Propagation, Management and Development of Value Chain in Bamboos on 10th February, 2021



Vegetative propagation through stem and branch cuttings in priority bamboo species

Seethalakshmi KK, Jijesh CM, Arjali KS & Devi SR

Hydroponics apparatus

Transparent plastic rectangle trays, boxes with top and bottom surface were used for experiment.

Lid of the trays were shaped/ cut to make frames for putting net pots containing bamboo plantlets.

Net pots was placed into the lid of plastic rectangle trays

For *in vitro* rooting and acclimatization transparent trays with thermal wax used

Effect of different plant growth regulators and additives on *in vitro* culture establishment of *Pseudoxystenantha stocksii*

Online National Seminar
10th February 2021

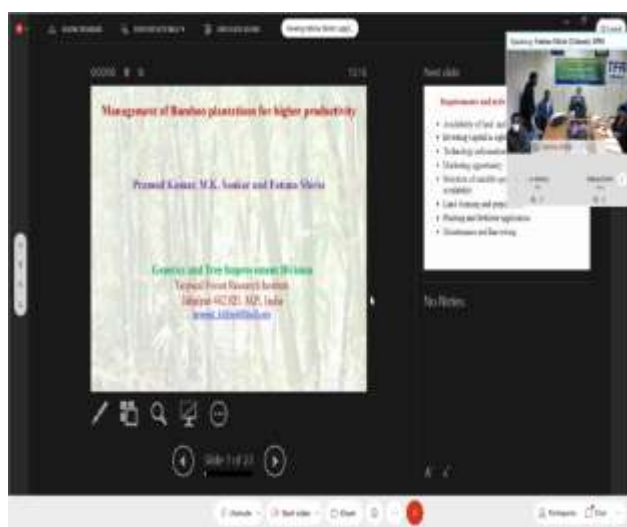
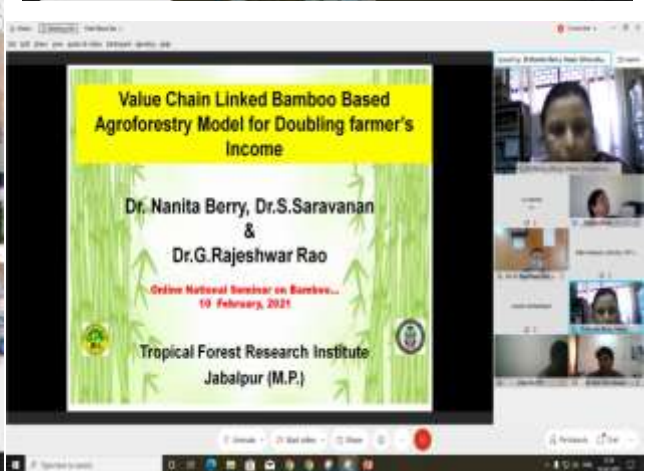
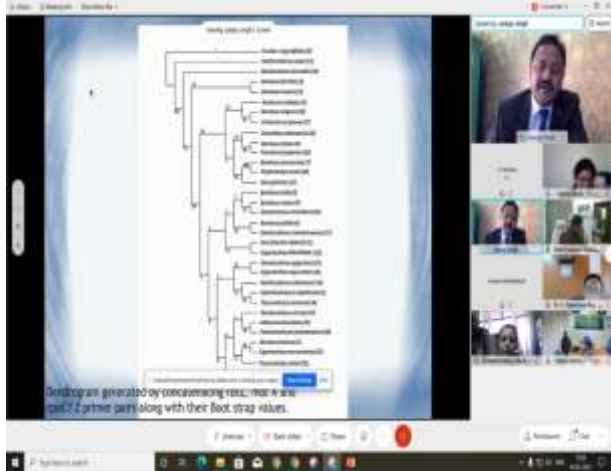
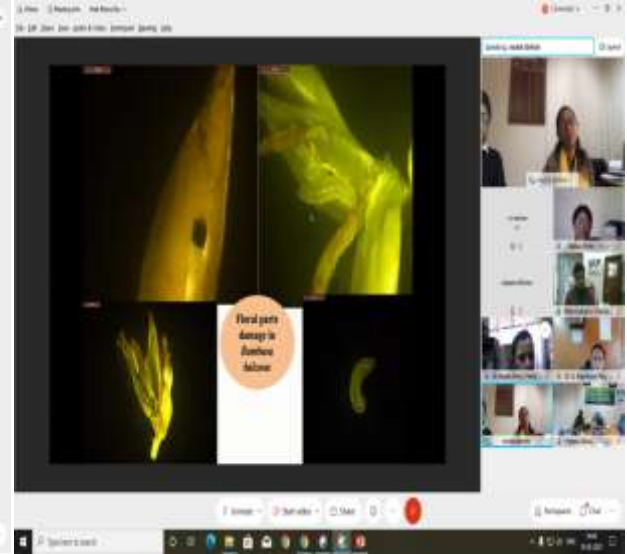
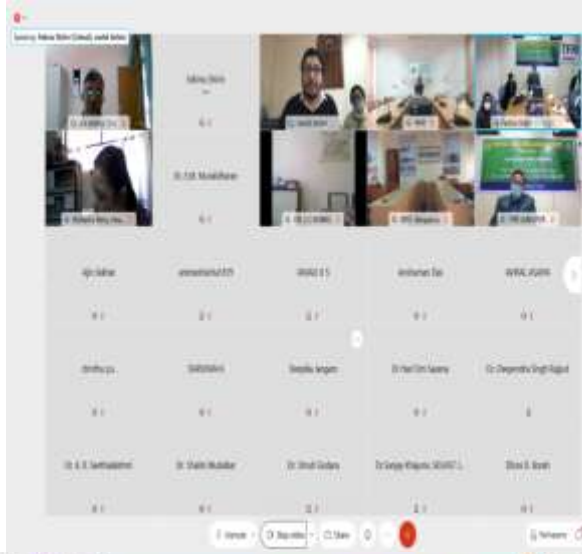
Deepthi Bhadravali, Fatima Shirin, Kavita Patel, Priyanka Hardaha, Devshree Gupta and G. Rajeshwar Rao

Genetics and Tree Improvement Division
Tropical Forest Research Institute, Jabalpur (M.P.)
(Indian Council of Forestry Research and Education)

Macro propagation of *Guadua angustifolia* Kunth using culm cuttings

By
Mrs. Eflora Dutta Borah
Chief Technical Officer
Silviculture & Forest Management Division
Rain Forest Research Institute
Jorhat - 785010, Assam, India

Rain Forest Research Institute, Jorhat, Assam
(Indian Council of Forestry Research and Education)



The screenshot shows a Zoom meeting interface. On the left, a presentation slide for *Dendrocalamus sikkimensis* is displayed, featuring images of the plant's growth habit and seeds. The slide includes the text "Dendrocalamus sikkimensis" and "Seeds". In the center, a grid of video thumbnails shows several participants. On the right, a large poster is visible with the title "NUTRITIONAL ANALYSIS OF JUVENILE SHOOTS OF EDIBLE BAMBOO SPECIES". Below the title, it lists "CHITHIR S, RESEARCH SCHOLAR" and "GUIDE: DR. SANTOSH KUMAR R, DEPARTMENT OF BOTANY, M. G. COLLEGE, TRIVANDRUM". The Zoom meeting controls are visible at the bottom of the screen.

