



## INSTITUTE OF FOREST BIODIVERSITY (IFB), HYDERABAD

August, 04<sup>th</sup>, 2020

### A Report on Monthly Seminar by Dr. S. Pattanaik, Scientist-F, IFB, Hyderabad held on 04<sup>th</sup> August, 2020.

As part of monthly seminar series, a seminar on “Eucalyptus Improvement and status in India” has been organized on 04/08/2020 in the Conference Hall of the Institute of Forest Biodiversity, Hyderabad. The seminar started with brief introduction on the topic by Dr. Ratnaker Jauhari, IFS, CF, Head of Extension Division, IFB, Hyderabad. The speaker of this seminar was Dr. S. Pattanaik, Scientist-F, IFB Hyderabad. Keeping in view the present Covid-19 pandemic situation, the guidelines of MoH & FW, GoI and Telangana State Government were followed.

**The outline of the presentation made by the speaker was as below:**

- History and origin of Eucalyptus.
- Productivity of Eucalyptus plantations in India.
- Need of Productivity Improvement.
- Tree improvement process.
- Species and provenance trails and plus trees selection process.
- Seedlings process, clonal seed orchards and clonal deployment process.
- Effect of Tree improvement on population structure.

- Eucalyptus improvement in India.
- Provenance trails of FRI, IFGTB, IUFRO etc.
- Inter and Intra-Specific Hybridizations trails in Eucalyptus.
- Clonal propagation in Eucalyptus.
- AICRP on Genetic Improvement of Eucalyptus and its objectives.
- Activities and deliverables planned under Genetic Improvement of Eucalyptus.

Vote of thanks was given by Dr. Ratnaker Jauhari, IFS, CF, Head Extension. The overall seminar co-ordinated by Shri. E. Manikanta Reddy, Technician and Shri. M. Sagar, Technician.

## Glimpse of the Seminar

