



## INSTITUTE OF FOREST BIODIVERSITY (IFB), HYDERABAD

October, 29<sup>th</sup>, 2020

### A Report on Monthly Seminar by Dr. Deepa M, Scientist-D, IFB, Hyderabad held on 29<sup>th</sup> October, 2020.

As part of monthly seminar series, a seminar on “**Development of Bio pesticide products/formulations from extracts of tree borne oilseeds and tissues of wild plants for management of insect pests**” has been organized on 29/10/2020 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. Deepa M, Scientist-D, 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:**

- Participating Institutes and Project Investigators
- Targeted tree borne oil seeds and plants
- Plant Materials for extraction
- Objectives of the project (Short and Long term)
- History and Project overview
- Collection of Plant Materials

- Processing of plants & Plant extraction
- Qualitative and quantitative chemical screening process
- Isolation and purification of chemicals using Column and TLC
- Structural analysis of chemical compounds
- Bioassay studies & Preformulation
- Antifeedant activity and pesticidal activity
- Field trial etc.

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. Yashwanth Reddy, Technician.

## **Glimpses of the Seminar**

