



INSTITUTE OF FOREST BIODIVERSITY

(Indian Council of Forest Research and Education)

An autonomous Council under Ministry of Environment and Forests Government of India

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Dated: 4th September 2017

Notification

Institute of Forest Biodiversity, Hyderabad, is going to organize a 3-days training programme on 'Forest Genetic Resource Assessment, Conservation & Management' (Sponsored by MoEF&CC) for early career researchers, teachers (Graduate & Post graduate) and Ph.D. students in Forestry, Agriculture, Plant Science and Botany, from 1-3 November 2017. The programme is expected to equip the stakeholders with broad knowledge about Forest Genetic Resources, its importance, threats to FGR, various modern techniques available to assess FGR and the various approaches to conserve & manage it. The programme details are attached.

In this regard, interested persons may contact Dr. Pattanaik (pattanaiks@icfre.org / swapnen@yahoo.com) along with their brief biodata, on or before 15th October 2017.

The shortlisted candidates for the training programme will be intimated by 20th October 2017. Boarding and lodging of the trainees will be arranged by the Institute. However, no travelling allowance will be provided by the Institute.

**Training programme on
'Forest Genetic Resource Assessment, Conservation and Management'
1-3 November 2017
(Sponsored by MoEF&CC)**

Programme Title: Forest genetic resource assessment, conservation and management.

Dates & duration: 1-3 November 2017 (Three days).

Venue: Institute of Forest Biodiversity, Hyderabad.

Participants/Target group: Graduate/post-graduate teachers, Ph.D. students and early career researchers in Forestry, Agriculture, Plant science, Botany (30 numbers).

Objectives:

- To raise awareness about Forest Genetic Resources and their importance in Biodiversity.
- To raise awareness about modern technologies (GIS & Molecular techniques) available for Forest Genetic Resource assessment.
- To raise awareness about various approaches for Forest Genetic Resource conservation and management.

Training details:

Day I – Morning session

- Inauguration
- Presentation on 'Forest Genetic Resources – basic concepts, characteristics of forest genetic resources'.
- Presentation on 'Value and Importance of Forest Genetic Resources – economic value, environmental value, ecosystem services and resilience, social value, cultural value, medicinal value, scientific value, etc'.

Day I - Afternoon session

- Presentation on 'Factors Affecting Forest Genetic Resources – Opportunities and challenges in their sustainable utilization'.
- Presentation on '*In situ* conservation of Forest Genetic Resources in protected area networks (National parks, Biosphere reserves, Wildlife sanctuaries etc.)'.

Day II – Morning session

- Presentation on 'Modern tools (GIS & Molecular techniques) and their application in Forest Genetic Resource Assessment'.
- Visit to molecular genetics laboratory at Institute of Forest Biodiversity, Hyderabad.
- Field visit to *ex situ* gene conservation stands of *Santalum album* and *Pterocarpus santalinus*.

Day II - Afternoon session

- Presentation on '*Ex situ* conservation approach of conserving and managing Forest Genetic Resources'.
- Presentation on '*Circa situm* approach (Agroforestry, Farm Forestry) of conserving and managing Forest Genetic Resources'.

Day III – Morning session

- Field visit to *ex situ* conservation stands of various tree species (Forest Research Centre, Mulugu) / Visit to National Bureau of Plant Genetic Resource, Rajendranagar, Hyderabad.

Day III – Afternoon session

- Valedictory, Q & A session and feedback.

Other details:

Course director – Dr. S. Pattanaik, Scientist F, Institute of Forest Biodiversity, Hyderabad

(Contact details: email-pattanaiks@icfre.org, swapnen@yahoo.com, Tel- 040-66309506)

Resource persons (Internal):

- Sri D. Jayaprasad, IFS, Director
- Dr. G.R.S. Reddy, Scientist G
- Sri P. H. Chawhaan, Scientist G
- Dr. S. Pattanaik, Scientist F
- Dr. Abha Rani, Scientist E
- Dr. M. Deepa, Scientist C
- Sri M.B. Honnuri, Scientist C
- Sri Pankaj Singh, Scientist B

Resource persons (External): To be decided

Expected outcome: The training is expected to equip the stakeholders with broad knowledge about Forest Genetic Resources, its importance, threats to FGR, various modern techniques available to assess FGR and the various approaches to conserve & manage it.
