

## WEBINARS FOR SCHOOL AND COLLEGE STUDENTS

### PRAKRITI PROGRAMME REPORT JULY 2020

#### Institute of Forest Genetics and Tree Breeding, Coimbatore

Environmental education provides exciting opportunities for students to become engaged in real world issues that transcend classroom walls. Students appreciate the relevance of their classroom studies to the complex environmental issues confronting our planet. Environmental education is hands-on, interactive learning that sparks the imagination and unlocks creativity. In this background to generate awareness among students of schools and colleges, the Prakriti program was thematically designed by the extension division of IFGTB.

Due to the prevailing COVID 19 pandemic situation, IFGTB hosted Online Knowledge Series as part of “Prakriti - Student Connect Programme” of Indian Council of Forestry Research & Education (ICFRE) to school and college students. “*Talk to Scientist*” was the main theme wherein the students got a chance to interact with the Scientists and Officials of IFGTB.

The webinar series for school and college students was initiated in June 2020 and the topics covered in the month included;

- *Facts about unknown locusts - Solutions from Nature*
- *Know your backyard Biodiversity*
- *Not all microbes are Harmful !!!*

In continuation to the initiative, IFGTB organized the “Online Knowledge Series” for the month of July 2020 in the following topics;

1. *Butterflies - The Winged beauties of Nature*
2. *Plant growth regulators- Role & Functions*
3. *Biomolecules - The Genie in biological systems*

The above three online lectures were imparted to Michael Job School , GRD Public School & GRD Matriculation School in Coimbatore district. Nearly 300

students of these Schools participated in the webinar series. The details of the topics covered are presented as below.

On 03.07.2020 Dr. K. R. Sasidharan, Scientist, IFGTB delivered the **lecture on - “*Butterflies - The Winged beauties of Nature*”**. He discussed on few of the pioneer researchers on Indian Butterflies. He also highlighted the varieties, families of butterflies and ecological significance. He showcased with pictorial representation of butterflies about its diversities & various characteristics. 100+ students from class **5th to 12th from Michael Job School, Sular** participated the Online Knowledge series.

On 28.07.2020 Dr. D. Thangamani, Scientist, IFGTB delivered the lecture on **“*Plant growth regulators- Role & Functions*”** to 11th & 12th (100+ numbers) students of **GRD Public School, Coimbatore**. She explained about the plant growth regulators. She also discussed about the classification of hormones and its functioning with picturisations. In the end of the session, she showed a video regarding the growth regulators.

On 29.08.2020 Dr. D. Balasubramanian gave a lecture on **“*Biomolecules - The Genie in biological systems*”**. He discussed about the overview of macromolecule structure. He explained central dogma of life, classifications and functioning. He also highlighted about the chemical elements with the structures in his lecture. **100 students of GRD Matriculation School, Coimbatore** participated in the webinar.



# ONLINE KNOWLEDGE SERIES

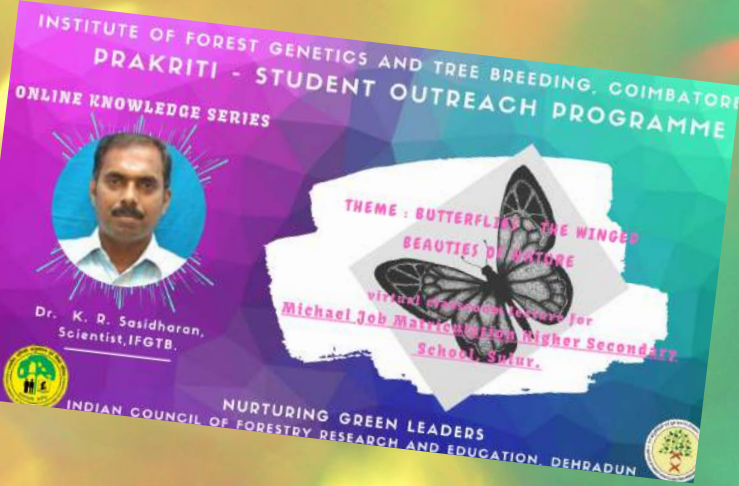
3rd July 2020



# TALK TO SCIENTIST



## WEBINARS OF IFGTB – PRAKRITI PROGRAMME FOR MICHAEL JOB SCHOOL, SULUR



**NURTURING GREEN LEADERS**  
**INSTITUTE OF FOREST GENETICS AND TREE BREEDING**  
**(INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION)**



# ONLINE KNOWLEDGE SERIES

28th & 29th July 2020



# TALK TO SCIENTIST



## WEBINARS OF IFGTB – PRAKRITI PROGRAMME

FOR GRD PUBLIC SCHOOL &  
GRD MATRICULATION SCHOOL, COIMBATORE

**PRAKRITI STUDENT OUTREACH PROGRAMME**  
INSTITUTE OF FOREST GENETICS AND TREE BREEDING, COIMBATORE

ONLINE KNOWLEDGE SERIES

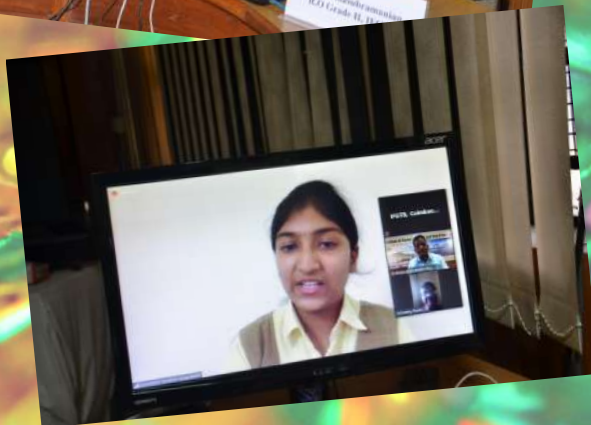
TALK TO SCIENTIST

"PLANT GROWTH REGULATORS – ROLE & FUNCTIONS"  
DR. D. THANGAMANI  
28TH JULY 2020, 04.00 TO 05.00 PM

"BIOMOLECULES – THE GENIE IN BIOLOGICAL SYSTEMS"  
DR. A. BALASUBRAMANIAN  
29TH JULY 2020, 04.00 TO 05.00 PM

FOR STUDENTS OF  
GRD PUBLIC & MATRIC SCHOOL,  
AVINASHI ROAD, COIMBATORE

NURTURING GREEN LEADERS  
INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION,  
DEHRADUN



**NURTURING GREEN LEADERS**  
**INSTITUTE OF FOREST GENETICS AND TREE BREEDING**  
**(INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION)**