



# ICFRE - INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY

(Indian Council of Forestry Research and Education)

(An Autonomous Body of Ministry of Environment, Forest & Climate Change, Govt. of India)

P.O. Malleswaram, Bengaluru – 560 003

<https://iwst.icfre.gov.in>

## TWO DAYS HANDS-ON TRAINING FOR SCHOOL STUDENTS

The ICFRE - Institute of Wood Science and Technology, Bengaluru is a premier research institute under the aegis of the Indian Council of Forestry Research and Education (Dehradun), MoEF&CC, Govt. of India. It is a pioneering institute dedicated to advancing research in Wood Science and Forestry, generating and disseminating knowledge in the form of quality education and impactful extension activities.

The Institute is organizing two-day training programmes in Biotechnology, to inspire and equip curious young minds with insights into emerging technologies and contemporary scientific advancements. The programme features interactive lectures, live demonstrations and engaging hands-on sessions, providing participants with a practical learning experience. Students will also gain valuable exposure to advanced research facilities, laboratory practices and real-world research environments, fostering a deeper understanding of Biotechnology and its applications.



### DNA Unwound

#### Basics of Plant Molecular Biology

- Exploring the Code of Life
- Extracting and Measuring DNA
- Analyzing DNA on agarose gel
- Science of multiplying DNA
- Reading DNA to find species
- Genetic markers and their uses

Duration: 27<sup>th</sup> & 28<sup>th</sup> August 2026

Registration Fees: Rs. 1200/- per student



### Mighty Science of Mini Plants

#### Essentials of Plant Tissue Culture

- Science of growing plants in the lab
- Building a perfect culture environment
- Growing many plants from one
- Journey from lab to land
- Producing plant chemicals in culture
- Key Applications of PTC

Duration: 7<sup>th</sup> & 8<sup>th</sup> September 2026

Registration Fees: Rs. 1000/- per student

[The registration fees will cover expenses towards course-kit and refreshments during the 2 days]

### Who can participate?

School students currently pursuing Higher Secondary (or) PUC are eligible to participate in these trainings. Certificate of participation will be provided to all registered participants.

The number of participants will be restricted to 20 students per batch per training, on first-come first-served basis

### How to participate?

Interested students may submit their details on or before 18<sup>th</sup> Aug. 2026, through the following link:

<https://forms.gle/3zJNGck1N4CBp1rJ9>

The bank account details for payment of fees and other modalities will be communicated by e-mail to the selected participants by 20<sup>th</sup> Aug. 2026.

The trainings can also be conducted on other mutually convenient dates for Schools interested to bring their students in batches of not more than 20 students

Contact : +91-80-22190137

e-mail : [tresa@icfre.org](mailto:tresa@icfre.org)