

ABC of DNA

A Course to Inspire
Young Biologists

19th-20th November, 2025



Scientists delivering talks



Dr. B. Nagarajan
GCR & Scientist G,
Forest Genetics &
Tree Reproduction



Dr. R. Yasodha
Scientist G
Molecular Genetics & DNA Markers



Dr. Modhumita Dasgupta
Scientist G
Tree Genomics



Dr. Mathish N.V.
Scientist G & Head
PBT&C Div.
Genome Engineering



Dr. Rekha R. Warriier
Scientist G & Head
CBP Div.
Tissue culture



Dr. A. Shanthi
Scientist E
DNA Fingerprinting &
DNA Barcodes



Dr. A. Balasubramanian
Scientist B
Functional Genomics

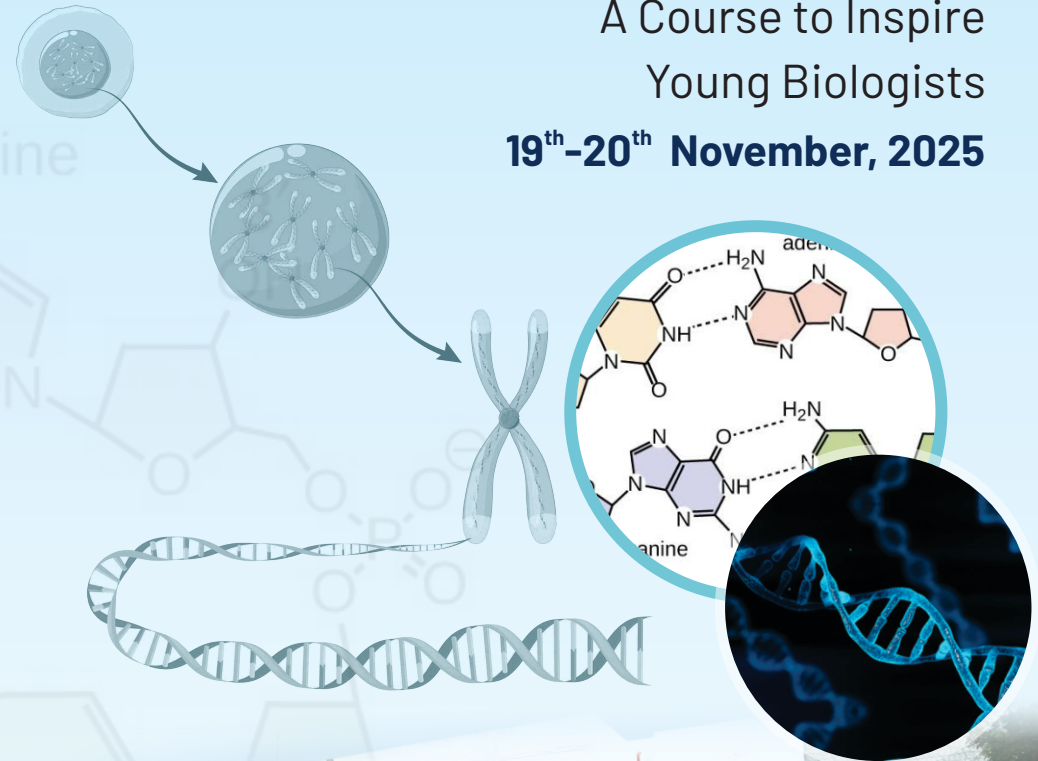
Organizing Secretary

Dr. A. Balasubramanian
Scientist B

Patron

Shri. T. Rabi Kumar, IFS
Director

ICFRE - Institute of Forest Genetics and Tree Breeding, Coimbatore – 641002, Tamil Nadu
Contact No.: 8870624630, 0422-2484124 Email: abcofdna@gmail.com



ICFRE - INSTITUTE OF FOREST GENETICS AND TREE BREEDING
COIMBATORE – 641002, TAMIL NADU



About IFGTB and ABC of DNA

The ICFRE-Institute of Forest Genetics and Tree Breeding (ICFRE-IFGTB), Coimbatore is a premier national forestry research institute under the umbrella of ICFRE, MoEF&CC, Government of India. It is a pioneer in implementing biotechnology integrated tree breeding and forest conservation programs. To prime young minds and inculcate an interest in the world of biotechnology, it is proposed to organize a two days training programme for school students studying in class 9th to 12th. The topics covered include *Introduction to Biotechnology, Plant tissue culture and its applications, DNA: Structure, packaging and replication, DNA fingerprinting, Barcoding, Diversity analysis, Next generation sequencing, Genomics, Gene structure, expression and regulation: Central dogma, Lac operon, Genetic engineering – Principles, methods and application*. Scientists with decades of experience in these areas would introduce students to cutting-edge technologies and State of Art R&D facilities. Thus, the training would help students in grasping fundamental concepts, giving them an advantage in competitive exams such as NEET, JEE, CUET and NTSE.

Target participants

School students of Class 9th to 12th

Duration

2 days (19th & 20th November, 2025)

Registration fee

A course fee of **Rs. 750/-** (Seven hundred and fifty only) per student will be charged towards **course kit, lunch and refreshments**. Last date for receipt of the filled registration form is **17th November, 2025**.

Payment needs to be made to

The Director, Seminar & Workshop

Bank Name : **Union Bank of India**, R.S. Puram Branch

Account No.: **502602010100809** | IFSC: **UBIN0550264**



भा.वा.अ.शि.प. - वन आनुवंशिकी एवं वृक्ष प्रजनन संस्थान
ICFRE-INSTITUTE OF FOREST GENETICS & TREE BREEDING

भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद
(INDIAN COUNCIL OF FORESTRY RESEARCH & EDUCATION)

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार
Ministry of Environment, Forest and Climate Change, Govt. of India
फॉरेस्ट कैम्पस, काउली ब्राउन रोड, आर.एस.पुरम, कोयम्बतूर – 641002 (T.N)
Forest Campus, Cowly Brown Road, R.S. Puram, Coimbatore – 641002 (T.N)
PH: 0422-2484100, FAX: 2430549,
Website : <http://ifgtb.icfre.gov.in>



Registration form

Details of the student participant as below may be mailed to abcofdna@gmail.com

Name :
DOB / Age :
Gender : (M) / (F)
Class of study :
School Address :

Telephone number :
E-mail :
Father/Mother/Guardian :
Residential address :

Telephone number :
E-mail :

NEFT Transaction ID of Registration fee (Rs.750/-) paid :
(Please attach copy of the transaction ID)

Station:

Date :

Signature of the Parent / Class Teacher / Principal