



## AZADI KA AMRIT MAHOTSAV CELEBRATION

### ONLINE LECTURE PROGRAM ON “BASICS OF MOLECULAR BIOLOGY & BIOCHEMISTRY FOR SCHOOL STUDENTS”

The Institute of Forest Genetics and Tree Breeding, Coimbatore conducted a one day online lecture program on “**Basics of molecular biology and Biochemistry**” for students of Government & Government aided schools of Tamil Nadu on 25<sup>th</sup> October 2021 under the Azadi Ka Amrit Mahotsav celebration. The program was attended by more than 270 students. Dr. Modhumita Dasgupta, Scientist-G & Head, Plant Biotechnology and Cytogenetics Division welcomed the participants followed by introductory remarks delivered by Dr. R. Yasodha, Scientist-G & Group Coordinator Research, Institute of Forest Genetics and Tree Breeding. She emphasized on the importance of understanding the basics of science and its relevance to the society. Two lectures were delivered in the program. The first lecture was given by Dr. Rekha Warriar, Scientist-F, Plant Biotechnology and Cytogenetics division on “Biomolecules”. She explained in depth the basic structures and functions of micro and macro molecules such as amino acids, lipid, sugar, nucleic acids, protein and polysaccharides. The second lecture on “Basics of Molecular Biology” was delivered by Dr. A. Shanthi, Scientist-D, Plant Biotechnology and Cytogenetics division. The lecture covered the basics of nucleic acids including DNA structure and replication, RNA structure and protein synthesis. Dr. C. Kunhikannan, Director, Institute of Forest Genetics and Tree Breeding, Coimbatore gave the concluding remarks and highlighted the role of biological sciences in every facet of living organism. He urged the students to interact with peers and experts to enhance their understanding on the subject. The program ended with vote of thanks by Mrs. S. Sudha, Senior Technical Assistant.

