

**Title:** POLYMERASE CHAIN REACTION- TYPES AND APPLICATIONS

**Date:** 28<sup>th</sup> – 29<sup>th</sup> June 2021

**Resource Person:** Prof V Nagaraja and Shri K Jairaj

## **Report**

### **National Level workshop POLYMERASE CHAIN REACTION- TYPES AND APPLICATIONS**

A Two days National Level workshop was organized by the Department of Biotechnology, mLAC in collaboration with Karnataka state council for science and Technology on : POLYMERASE CHAIN REACTION- TYPES AND APPLICATIONS" from 28<sup>th</sup> – 29<sup>th</sup> June 2021. The inauguration of the event on the first day happened in the august presence of the Prof V Nagaraja, MCBL, IISC and Shri K Jairaj, Managing Trustee. Around 250 participants both faculties and students from colleges across Bangalore and other states universities and colleges had participated in the workshop. Five eminent speakers from Research institutes and Industries covered various aspects of PCR with the inaugural address on historical events in the development of PCR by Prof V Nagaraja. The speakers were from Eppendorf Ltd, Indian institute of Science, Aristogene Bioscience, Protein design Pvt Ltd and from Dr. Lal Pathlabs. The talks were on basic requirements, instrumentation, process & applications of PCR. The talks also covered variants of Standard PCR, Real time and RT PCR to understand its broad range of applications in various fields. A Talk on "RT PCR in COVID-19 diagnosis" emphasized on how the routine RT PCR test is being carried out in Diagnostic laboratories and the interpretation of RT PCR results. A quiz competition on PCR was organized on the second and three winners given cash prize.

The valedictory event was attended by Mr. H HEMANTH KUMAR, Executive secretary I/C & Chief scientific officer, KSCST, IISC CAMPUS.