



SARVAJANIK EDUCATION SOCIETY
Shree Ramkrishna Institute of Computer Education & Applied Sciences

SARVAJANIK UNIVERSITY

M.T.B. College Campus, Athwalines, Surat-395 001. Ph: 2240172

Report of Hands-on Workshop on RT-PCR

Department Name: Biotechnology

Activity Name: Hands on Real-Time Polymerase Chain Reaction — Principles to Practice

Date: 18/09/2026 (Friday)

No. of Days: 01

Venue: Department of Biotechnology, SRKI

Aim/purpose: To cater the practical knowledge of RT-PCR among faculties, research scholar and students.

Details of the activity: The Department of Biotechnology, Shree Ramkrishna Institute of Computer Education & Applied Sciences, Sarvajani University, Surat, successfully organized a Hands-on Workshop on RT-PCR on 18 September 2026. The workshop focused on providing practical exposure to RT-PCR principles, instrumentation, cDNA synthesis, amplification setup, data acquisition, Ct-value analysis and result interpretation.

Resource Persons

The workshop was conducted by experts from DSS Imagetech Pvt. Ltd.:

- Dr. Rajesh Bhoge, Senior Manager, DSS Imagetech Pvt. Ltd.
- Mr. Sandeep Verma, Deputy Manager, DSS Imagetech Pvt. Ltd.
- Ms. Rishita Gajjar, Application Specialist & Sales Executive, DSS Imagetech Pvt. Ltd.

Participants: The workshop was attended by 61 participants, comprising 8 Faculty Members, 12 Research Scholars and 41 students from M.Sc. Biotechnology, B.Sc. Semester-VII/Honours and Honours by Research programs.

Outcome

The workshop successfully enhanced participants' understanding of RT-PCR technology and its applications in molecular diagnostics and research. It also provided valuable practical exposure relevant to students' dissertation work and research activities. Certificates of Participation were provided to the attendees.



Glimpses of RT-PCR Workshop