



SRI RAMACHANDRA

FACULTY OF
BIOMEDICAL SCIENCES AND TECHNOLOGY



DEPARTMENT OF BIOTECHNOLOGY



WORKSHOP ON BASICS OF PCR TO SANGER SEQUENCING



TOPICS COVERED

- BACTERIAL ISOLATION AND CONFIRMATION
- DRUG SENSITIVITY TESTING (AST)
- DNA ISOLATION
- PRIMER DESIGNING AND PCR
- SANGER SEQUENCING AND DATA ANALYSIS
- INTRODUCTION TO WHOLE GENOME SEQUENCING
- NGS WORKFLOW
- AMR GENE ANALYSIS
- SEQUENCE TYPING
- PHYLOGENETIC ANALYSIS
- GENOME VISUALIZATION

Dr. P Venkatachalam
Principal
Faculty of Biomedical Sciences &
Technology

Dr. Charles Emmanuel Jebaraj W
Professor and Head - Biotechnology (I/C)
Faculty of Biomedical Sciences &
Technology

WORKSHOP INSTRUCTOR

Dr. Kumar Perumal
Department of Biotechnology
Faculty of Biomedical Sciences &
Technology

FOR DETAILS CONTACT

LAKSHMI SRIJITH- 9840271292
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DATE

30th June 2026, TO 3rd July 2026

IST: 8am to 4pm

Venue

Sri Ramachandra Institute of Higher
Education and Research (DU)
Medical College Building,
2nd Floor,
Department of Biotechnology,
Microbial Genomics Lab
(Watson Lab)

Mode of Conduct: Offline

(No lunch will be provided)

Fee: Rs. 3,000/-

(Inclusive of GST)

For Registration:



Last Date for Registration

June 29th, 2026

(15 slots only)

First come first serve

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