



SRI RAMACHANDRA

FACULTY OF
BIOMEDICAL SCIENCES AND TECHNOLOGY



DEPARTMENT OF BIOTECHNOLOGY



Short Term Project On PCR TO NEXT GENERATION SEQUENCING



TOPICS COVERED

- BACTERIAL ISOLATION AND CONFIRMATION
- DRUG SENSITIVITY TESTING (AST)
- DNA ISOLATION
- 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
Head (Incharge)- Biotechnology
Faculty of Biomedical Sciences &
Technology

WORKSHOP INSTRUCTOR

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

FOR DETAILS CONTACT

LAKSHMI SRIJITH- 9840271292
GAYATHRI- 6379239509
ROGITH -8098073370

DATE

JUNE 15th TO 15th of JULY 2026
(No lunch will be provided)
IST: 8am to 4pm

Venue

Medical College Building,
2nd Floor,
Department of Biotechnology,
Microbial Genomics Lab
(Watson Lab)

Mode of Conduction
(Offline)

Fee: Rs. 8,000
(Inclusive of GST)

For Registration:



Last Date for Registration

JUNE 14th, 2026
(15 slots only)

**JOIN OUR COMMUNITY
FOR FUTURE EVENTS**

<https://chat.whatsapp.com/K049ShR06w6BxH2tNE4EFH>