

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE (AUTONOMOUS)



(Affiliated to Bharathidasan University, Tiruchirappalli)
(Accredited by NAAC)

SUNDARAKKOTTAI- 614016, MANNARGUDI,
THIRUVARUR DISTRICT, TAMILNADU, INDIA.

SILVER JUBILEE INSTITUTION

ROBERT KOCH CLUB OF PG AND RESEARCH DEPARTMENT OF MICROBIOLOGY

ANNOUNCES

FIVE DAY FREE SUMMER TRAINING PROGRAMME ON

“BIOINSTRUMENTATION”

25.05.2026 to 30.05.2026

Enhance your knowledge and hands-on skills in cutting-edge biological techniques through an intensive bioinstrumentation programme. This bioinstrumentation programme covers the key areas of biological sciences through 5 comprehensive modules.

Eligibility & Registration

- ❖ Open to UG & PG Students in life sciences
- ❖ Limited seats available -Register early!
- ❖ Registration deadline: May18, 2026
- ❖ Note: Accomodation will be arranged

FREE

Registration Link: <https://forms.gle/QsRPTc5UZXYw4b38>

MODULES OFFERED

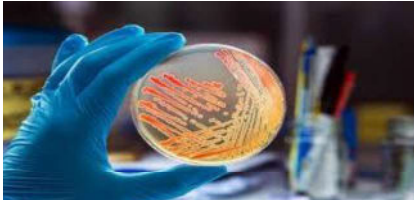
Fundamentals techniques
in Microbiology

Molecular Techniques

Analytical and
Immunological Techniques

Microbiological quality
control

Bioenterpreneurship
ideas for start ups



Programme Highlights

- ❖ Hands-on training in advanced biological, analytical and Molecular techniques
- ❖ Expert guidance from experienced faculty members
- ❖ Opportunity to work with state-of-the-art laboratory equipment
- ❖ Certificate upon successful completion



For More Details CONTACT

- ✚ **Dr.R.Mangalanayaki**
Associate Professor & Head,
PG and Research Department of
Microbiology
 - ✚ **Dr.M.Kannahi,**
Associate Professor,
PG and Research Department of
Microbiology
- Contact No: 9842411307, 9865787206

BIOINSTRUMENTATION PROGRAMME – 2026

S.No	Name of the Module	Name of the Co-ordinator Time: 10.00 a.m to 3.00 p.m
Day-I: 25.05.2026: FUNDAMENTAL TECHNIQUES IN MICROBIOLOGY		
1	Sterilization methods and equipments, Pure culture techniques, Micrometric calibration (Micrometry), Staining and Microscopic Techniques (Multi focus, Tissue culture, Projection Microscope and Camera Lucida)	Dr.R.Mangalanayaki Dr.J.Victoria Dr.G.Manimekalai Ms.P.Maheswari
Day-II: 26.05.2026: MOLECULAR TECHNIQUES		
2	Polymerase Chain Reaction, Isolation of Plasmid DNA and Isolation of Genomic DNA	Dr.J.Victoria Dr.G.Manimekalai Dr.R.Arulmozhi Ms.P.Maheswari
Day-III: 27.05.2026: ANALYTICAL AND IMMUNOLOGICAL TECHNIQUES		
3	High Performance Liquid Chromatography (HPLC), Gas Chromatography, Atomic Absorption Spectroscopy, Double Immunodiffusion, Hematology- Blood grouping, Rh typing, Total blood -WBC, RBC, ASO, RPR and WIDAL test,	Dr.J.Victoria Dr.G.Manimekalai Ms.P.Kokila
Day-IV: 29.05.2026: MICROBIOLOGICAL QUALITY CONTROL		
4	Water Quality, Milk Quality, Food Quality analysis and Air quality testing.	Dr.M.Kannahi Dr.R.Arulmozhi Ms.P.Kokila
Day-V: 30.05.2026: BIOENTERPRENEURSHIP IDEAS FOR START UPS - (10.00 a.m to 2.00 p.m)		
5	Vermicompost Production, Preparation of Micronutrients, Edible mushroom cultivation, Preparation of Herbal soap, Herbal Cosmetics and Traditional organic fertilizer production	All faculty members
VALEDICTION AND CERTIFICATE DISTRIBUTION – 2.00 – 3.00 p.m		



ALL ARE CORDIALLY INVITED