

**GUEST LECTURE CUM HANDS ON TRAINING – 16s rRNA BASED
CHARACTERISATION OF MICROBES FROM ENVIRONMENT AND ITS
TAXONOMICAL AUTHENTICATION USING INSILICO ANALYSIS - 09.02.2023**



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16s rRNA BASED CHARACTERISATION OF
MICROBES FROM ENVIRONMENT AND ITS
TAXONOMICAL AUTHENTICATION USING
INSILICO ANALYSIS**



**UNDER THE STAR COLLEGE SCHEME
2022-2023**



Sponsored by
Department of Biotechnology
Ministry of Science and Technology
New Delhi

Organized by
Marian Star Centre
PG and Research Department of Zoology
ST. MARY'S COLLEGE (AUTONOMOUS)
(Re-accredited by NAAC with A⁺ Grade)
Thoothukudi - 628 001, Tamilnadu, India.

RESOURCE PERSON

**DR. A. MAHALAKSHMI
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9

**FEB
2023**

**TIME:
9 a.m - 4 p.m**

Photos





Report

A guest lecture cum hands on training on 16s rRNA based characterisation of microbes from environment and its taxonomical authentication using insilico analysis was organized by Marian Star Centre, PG and Research Department of Zoology, St. Mary's College (Autonomous) Thoothukudi on 09.02.2023 in the computer lab. Dr. A. Mahalakshmi, Assistant Professor, PG and Research Department of Zoology, Lady Doak College (Autonomous), Madurai delivered the lecture cum hands on training on various bioinformatic computational tools in the recent trend for sequence analysis. The resource person demonstrated the different ways to retrieve molecular sequence data from various databases. She trained the students how to interpret the retrieved data using blast, phylogenetic analysis and multiple sequence alignment. The students gained knowledge on the importance of bioinformatics in research. Totally, 60 students from III B.Sc, I M.Sc, and II M.Sc Zoology participated and benefitted out through this hands on training.

Certificate



X. Arakia Mary
Head of the Department

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