

Department of Botany

➤ Invitation

*In-House Training on  
Metal Analysis  
Using  
Flame Photometer & Muffle furnace*

14<sup>th</sup> to 18<sup>th</sup> December, 2021

**UNDER STAR COLLEGE SCHEME  
2021-2022**



सत्यमेव जयते

*Sponsored by*

Department of Biotechnology  
Ministry of Science and Technology,  
Government of India, New Delhi

*Organized by*

Marian Star Centre  
Department of Botany  
St. Mary's College (Autonomous)  
Thoothukudi





➤ Photos



➤ Certificate



➤ **Report**

**METAL ANALYSIS USING FLAME PHOTOMETER**

The Marian Star Centre, Department of Botany organized an in-house training programme metal analysis using flame photometer, sponsored by Department of Biotechnology, Star College Programme, New Delhi from 14<sup>th</sup> to 18<sup>th</sup> December 2021 in the Botany Research Laboratory for the III B.Sc. students of Botany department. Principle, theories, methodologies and experimental requirements involved in metal analysis were explained by Ms. Selvaanathi A, Assistant professor of botany, St. Mary's college (Autonomous), Thoothukudi. Students were separated into groups and allowed to carry out the experiments to get the hands on experience. Students collected water samples from various locations of Thoothukudi district, Tamilnadu, India to estimate the mineral content. Plants available in the campus were collected and minerals were quantified. A total of 43 students benefited from this programme.

*M. Alory*  
**Head of the Department**  
HOD of Botany  
St. Mary's College (Autonomous)  
Thoothukudi-628 001

*B. Serena Margaret*  
**IQAC Coordinator**  
IQAC Co-ordinator  
St. Mary's College (Autonomous)  
Thoothukudi

*Lucia Rose*  
**Principal**  
St. Mary's College (Autonomous)  
Thoothukudi-628 001.