

St. Mary's College (Autonomous)

Department of Physics

HANDS ON TRAINING ON CRYSTAL GROWTH – 14.02.2022

- Invitation

A One day Hands on Training on Crystal Growth
UNDER STAR SCHEME 2021 - 2022
Sponsored by
DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology
Government of India
Organized by
MARIAN STAR CENTRE
Department of Physics
St. Mary's College (Autonomous)
(Re-accredited by NAAC with 'A+' Grade)
Thoothukudi - 628 001

Resource Person:
Dr. P. Sumithra Premkumar
Assistant Professor
Department of Physics
St. John's College,
Palayambkottai.

Date: 14.02.2022
Time: 9:00 a.m. - 9:00 p.m.
Venue: Physics Lab

ORGANIZING COMMITTEE
Patron
Rev. Sr. Flora Mary
Secretary, St. Mary's College (Autonomous), Thoothukudi.
Chairman
Dr. Sr. A. S. J. Lucia Rose
Principal, St. Mary's College (Autonomous), Thoothukudi.
Convener
Dr. Sr. Jessie Fernando
Head and Associate Professor
Department of Physics, St. Mary's College (Autonomous), Thoothukudi.
Overall Coordinator & Member Secretary
Dr. Sr. Arockia Jenecius Alphonse
Assistant Professor of Botany, St. Mary's College (Autonomous),
Thoothukudi.
Department Coordinator
Ms. P. Dhanalakshmi
Assistant Professor of Physics, St. Mary's College (Autonomous),
Thoothukudi.
Executive Members
Dr. S. Eudistia Immaculate Sylvia, Associate Professor of Physics
Ms. A. Lucas Resuceline, Associate Professor of Physics
Dr. M. Sheeba, Assistant Professor of Physics
Ms. A. Valentina, Assistant Professor of Physics

For any queries
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- Certificate

HANDS ON TRAINING ON CRYSTAL GROWTH
Organized by
Marian Star Centre
Department of Physics
St. Mary's College (Autonomous),
Thoothukudi - 628001.
Sponsored by
Department of Biotechnology
Ministry of Science & Technology,
Government of India

CERTIFICATE OF PARTICIPATION

Ms. S. MADHUMITHA
III B. Sc Physics
St. Mary's College (Autonomous), Thoothukudi

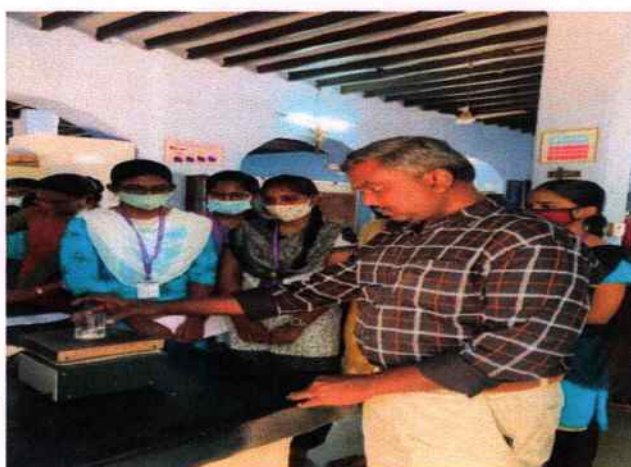
has successfully completed the **HANDS ON TRAINING ON CRYSTAL GROWTH**
organised ON 14.02.2022 by the Department of Physics, St. Mary's College (Autonomous),
Thoothukudi, Tamilnadu, India.

Arockia Jenecius Alphonse
Dr. Sr. A. Arockia Jenecius Alphonse
DBT - Overall Coordinator

Jessie Fernando
Dr. Sr. Jessie Fernando
Convener

Lucia Rose
Dr. Sr. A. S. J. Lucia Rose
Principal

- **Photos**



- **Report**

A Hands on Training on “Crystal Growth” sponsored by DBT was organised by Marian Star Centre, St.Mary’s College (Autonomous), Thoothukudi on 14th February 2022 in the Physics lab. Dr. P. Sumithraj Premkumar, Assistant Professor, Department of Physics, St. John’s College, Palayamkottai was the resource person. Students of III B.Sc., Physics (5) and III B.Sc.,Chemistry (6) and II.M.Sc., Chemistry students participated in the training. In the first session, the resource person clearly instructed the theory behind crystals and different methods of crystal growth especially slow evaporation method. During the hands on session students prepared

saturated solution of nickel sulphate, aluminium nitrate and urea by weighing appropriate quantities of the substance and shaking them uniformly using a magnetic stirrer. The solutions were then left to crystallise by slow evaporation method.

Pessie Zolo
Head of the Department

HEAD
Department of Physics,
St. Mary's College (Autonomous),
Thoothukudi - 628 001.

B. Serena Margaret
IQAC Coordinator

IQAC Co-ordinator
St. Mary's College (Autonomous)
Thoothukudi

Luce Ross
Principal

St. Mary's College (Autonomous)
Thoothukudi-628 001.