



Invited Talk on Science behind the Nanotechnology in the Light of Quantum Mechanics



UNDER STAR SCHEME
2021 – 2022

Sponsored by



सत्यमेव जयते

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. M. Melvin David Kumar M.Sc., M.Phil., Ph.D.,
Assistant Professor, Department of Physics
St. Xavier's College, Palayamkottai – 627002.

Date: 27.09.2021

Online mode: Zoom Platform

Time: 04:30 p.m. – 05:30 p.m.

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

Convenor

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. Euchrista Immaculate Sylvia, Associate Professor of Physics
Ms. A. Lucas Rexceline, Associate Professor of Physics
Dr. M. Sheeba, Assistant Professor of Physics
Ms. A. Valentina, Assistant Professor of Physics

For any queries

**Mail id: stmphy2012@gmail.com
smcstardbt2021@gmail.com**



STAR PROGRAMME 2021-2022



Sponsored by



सत्यमेव जयते

**Department of Biotechnology
Ministry of Science & Technology, Govt. of India, New Delhi**

**Organized by
Department of Chemistry
St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu.
(Reaccredited with 'A+' Grade by NAAC)**

Invited lecture

on

What is needed for Chemistry Graduates?

Resource Person

Dr. K. Arun Prasath Lingam

Assistant Professor of Chemistry
Kamaraj College
Thoothukudi -

Organizing committee

Mrs. S. Rani Jeyamary (HOD)

Dr. Irudaya Antonat Sophia

Dr. B. Divya

Date : 28.09.2021

Time : 3.00 p.m. – 4.00 p.m.

Platform : ZOOM

Best Wishes from

Rev. Sr. Flora Mary
Secretary

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

TEN DAYS TRAINING PROGRAMME ON INSTRUMENTATION

1st November 2021 to 10th November 2021

UNDER STAR SCHEME

2021 – 2022

Sponsored by



सत्यमेव जयते

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



Venue: AVM Hospital

Time: 09:30 a.m. – 04:30 p.m.

ORGANIZING COMMITTEE

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Dr. M. Sheeba, Assistant Professor of Physics
Ms. A. Valentina, Assistant Professor of Physics

For any queries

**Mail id: stmphy2012@gmail.com
smcstardbt2021@gmail.com**

Day 4

26.11.2021

Time : 5.00 p.m. to 6.30 p.m.

Topic : "UV Spectroscopy of Nanomaterials"

Resource Person



Dr. I. V. Muthu Vijayan Enoch

Professor and Technology Head
Centre for Nanoscience and Genomics
Karunya Institute of Technology and Sciences
Coimbatore 641114

Day 5

27.11.2021

Time : 5.00 p.m. to 6.30 p.m.

Topic : Micro-Nano Fabrication Techniques and its application in Sensors

Resource Person



Dr. Dinesh R. Rotake

Research Associate
Electrical Engineering Department
Indian Institute of Technology, Hyderabad

REGISTRATION DETAILS

Register using the link

<https://forms.gle/JGdphq9nayb3cz64A>

on or before 22.11.2021

Valedictory Address

27.11.2021

Time : 6.45 p.m.

Chief Guest



Dr G. Gnanakumar

Head, Department of Physical Chemistry
Madurai Kamaraj University, Madurai

ORGANISING COMMITTEE

Patron

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Secretary,
St. Mary's College (Autonomous), Thoothukudi

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Rev. Dr. Sr. A. S. J. Lucia Rose
Principal,
St. Mary's College (Autonomous), Thoothukudi

Convenor

Dr. Sr. Jessie Fernando
Head and Associate Professor,
Department of Physics,
St. Mary's College (Autonomous), Thoothukudi

Program Coordinator

Dr. Sr. Arockia Jenecius Alphonse
Overall coordinator & Member Secretary,
DBT STAR College Scheme,
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

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Ms. A. Lucas Rexceline, Associate Professor of Physics
Dr. M. Sheeba, Assistant Professor of Physics
Ms. A. Valentina, Assistant Professor of Physics

STAR PROGRAMME

2021 - 2022

Sponsored By



DEPARTMENT OF BIOTECHNOLOGY
GOVERNMENT OF INDIA
NEW DELHI

Five Days International
Faculty Development Programme
on Nanomaterials

November 23rd to 27th, 2021



Organized by

Marian Star Centre

Department of Physics



St. Mary's College (Autonomous),

Re-accredited by NAAC with 'A +' Grade
Thoothukudi - 628 001
Tamil Nadu, India

Mail

smcstardbt2021@gmail.com

stmphy2012@gmail.com

About the college

St. Mary's College, a catholic institution of higher education for women, established in 1948 enjoys a heritage of 73 years as a Christian Minority Institution. The college is re-accredited with 'A+' grade by NAAC in the fourth cycle. Affiliated to Manonmaniam Sundaranar University, Tirunelveli, the College offers graduate, post-graduate, M.Phil., and Ph.D., programmes in various disciplines. The college became Autonomous in 2009. Besides the academics, the college aims at the holistic development of the stakeholders. The motto of the college is FIDE VIVANT (Live by Faith).

About DBT STAR College Scheme

"Star College Scheme" has been initiated by the Department of Biotechnology (DBT) to support colleges offering undergraduate programmes to promote and facilitate science teaching. The scheme aims to hone the skills of the teachers by helping the institution to organize faculty training programmes, to offer improved curriculum keeping up with the current trends and to emphasize applied learning and practical training for students by providing access to specialized infrastructure and consumables. Star college scheme is formulated with an aim to enhance conceptual clarity, develop scientific thinking and creativity among students. It enables interactive participation among different scientific disciplines and departments with the holistic approach towards science rather than compartmentalized thinking.

About the department of Physics

The department of Physics was established with the aim of dissemination of knowledge through teaching and research in the field of natural and applied sciences. The department has highly dedicated and knowledgeable faculty supported by excellent technical staff.

About the faculty development programme

Nanomaterials play a key role in many technological developments. The ability of a nation to harness nature as well as to cope up with the challenges posed by it is determined by its knowledge of materials and its ability to utilise them for various applications. This Five day International Faculty Development programme on "Nanomaterials" sponsored by the Department of Biotechnology, New Delhi, India and organised by the department of Physics aims to create a thirst for innovative research among the faculty members.

The main objective of this faculty development programme is to offer an interdisciplinary platform for academicians to network and discuss the latest trends and innovations in nanomaterials and technology.

PROGRAMME SCHEDULE

Day 1

23.11.2021

Time : 5.00 p.m. to 6.30 p.m.

Topic : "Biomedical applications of nanomaterials"

Resource Person



Dr. P. Gopinath,

Head, Centre of Nanotechnology,
Department of Biosciences and Bioengineering,
Indian Institute of Technology Roorkee,
Roorkee -247 667, Uttarakhand, India.

Day 2

24.11.2021

Time : 5.00 p.m. to 6.30 p.m.

Topic : "Palmyraculture: An insight into the role of Asian Palmyra Palm in NanoScience and Nanotechnology"

Resource Person



Dr. P. Mosae Selvakumar

Assistant Professor
Asian University for Women
Bangladesh

Day 3

25.11.2021

Time : 5.00 p.m. to 6.30 p.m.

Topic : "Nanomaterials and its applications"

Resource Person



Dr. S. Senthil Velan

Associate Professor of Chemistry
Annamalai University
Chidambaram 608 002



Two Days In-house Training Programme

(Under STAR College Scheme)
2021-2022



Topic

Teaching and Learning Mathematics through Error Analysis

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**Department of Biotechnology
Ministry of Science & Technology, Govt. of India, New Delhi**

Organized by

**Department of Chemistry
St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu
(Reaccredited with 'A+' Grade by NAAC)**

Resource Person

Dr. V.L. Stella Arputha Mary

Head and Assistant Professor of Mathematics
St. Mary's College (Autonomous)
Thoothukudi

Date : 04. 01. 2022 Time : 8.30 a.m.

Date : 05. 01. 2022 Time : 8.30 a.m.

Organizing committee

Dr. Arockia Jenecius Alphonse

Overall Coordinator & Member Secretary

Mrs. S. Rani Jeyamary

Head, Department of Chemistry

Dr. T. Linda Fernando, Associate Professor of Chemistry

Dr. J. Martin Rathi, Associate Professor of Chemistry

Dr. Irudaya Antonat Sophia, Assistant Professor of Chemistry

Dr. A. Lakshmi, Assistant Professor of Chemistry

Dr. B. Divya, Assistant Professor of Chemistry

Dr. A. Parveen Sulthana, Assistant Professor of Chemistry

Dr. G. Amala Jothi Grace, Assistant Professor of Chemistry

Best Wishes from

Rev. Sr. Flora Mary

Secretary

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

Principal

INVITED LECTURE ON BSIP: THE HOME TO STUDY FOSSILS AND ALLIED SCIENCES

4TH DECEMBER 2021

**UNDER STAR COLLEGE SCHEME
2021-2022**



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Department of Biotechnology
Ministry of Science & Technology, Govt. of India, New Delhi.

Resource person
Dr. Anupam Sharma
Scientist E
Birbal Sahni Institute of Palaeobotany
Lucknow

Organized by
Marian Star Centre
Department of Botany
St. Mary's College (Autonomous),
Thoothukudi, Tamil Nadu
(Reaccredited with 'A+' Grade by NAAC)



Join Zoom Meeting- Time 5 PM
<https://us02web.zoom.us/j/84006735508>
Meeting ID: 840 0673 5508 Passcode: bsip@smc

STAR PROGRAMME

2021 - 2022

Sponsored By



Department of Biotechnology
Ministry of Science & Technology,
Government of India

TWO DAYS NATIONAL WEBINAR ON MICROPROCESSOR AND MICROCONTROLLER FOR COLLEGE STUDENTS

Organized by

MARIAN STAR CENTRE

Department of Physics

St. Mary's College (Autonomous)

(Re-accredited by NAAC with 'A+' Grade)

Thoothukudi - 628 001



stmphy2012@gmail.com
smcstardbt2021@gmail.com

Resource Person



Dr. G. Kumar Sathian

Former Professor & Head Department of Physics & Academic Dean,
Madras Christian College, Tambaram, Chennai.
Proprietor, FLORANIX, Chennai.
(Company Manufacturing Educational Electronic Trainer Kits)

08 - 12 - 2021

2.30 pm to 4.00 pm

Session 1 : 8085 Microprocessor Addressing Modes & Programming Techniques.

09 - 12 - 2021

2.30 pm to 4.00 pm

Session 2 : Embedded Systems with Microcontroller ATmega328 & its Applications Leading to Robotics & IOT.

ORGANIZING COMMITTEE

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Chairman

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

Principal, St. Mary's College (Autonomous), Thoothukudi

Convenor

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

Organising Secretary

Dr. M. Sheeba

Assistant Professor of Physics, St. Mary's College (Autonomous), Thoothukudi

Executive Members

Dr. S. Euchrista Immaculate Sylvia

Associate Professor of Physics

Ms. A. Lucas Rexceline

Associate Professor of Physics

Ms. P. Dhanalakshmi

Assistant Professor of Physics

Ms. A. Valentina

Assistant Professor of Physics



Join the meeting through  zoom

NATIONAL WEBINAR ON AQUATIC INSECTS

10TH DECEMBER 2021

UNDER STAR COLLEGE SCHEME

2021-2022



Sponsored by

Department of Biotechnology

Ministry of Science & Technology, Govt. of India, New Delhi

RESOURCE PERSON:

Dr.T.Kubendran

Scientist-C

Zoological Survey of India

Solan

Himachal Pradesh

Organized by

Marian Star Centre

Department of Zoology

St. Mary's College (Autonomous),

Thoothukudi, Tamil Nadu

(Reaccredited with 'A+' Grade by NAAC)



Join Zoom Meeting:

TIME: 5 P.M. – 6.30 P.M.



ORGANIZING COMMITTEE

Patron

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Secretary, St.Mary's College (Autonomous), Thoothukudi

Chairman

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

Principal, St.Mary's College (Autonomous), Thoothukudi

Convenor

Dr. Hermin Pasangha

Associate Professor and Head

Department of Zoology

Overall Coordinator & Member Secretary

Dr. Sr. Arockia Jenecius Alphonse

Assistant Professor of Botany, St.Mary's College (Autonomous), Thoothukudi

Department Coordinator

Dr. Jemma Hermelin Jesy Diaz

Assistant Professor of Zoology

Organizing Secretaries

Dr. N. Arokiya Mary

Associate Professor of Zoology

Dr. S.R.T. Sherly Cross

Assistant Professor of Zoology

NATIONAL WEBINAR ON HELMINTH PARASITES

11TH DECEMBER 2021

UNDER STAR COLLEGE SCHEME

2021-2022



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Department of Zoology

St. Mary's College (Autonomous),

Thoothukudi, Tamil Nadu

(Reaccredited with 'A+' Grade by NAAC)



RESOURCE PERSON:



Dr. Damanbha Lyngdoh

Assistant Professor

Department of Zoology

St. Anthony's College

Shillong, Meghalaya

Join Zoom Meeting:

TIME: 4 P.M.

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

Convenor

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Associate Professor and Head

Department of Zoology

Overall Coordinator & Member Secretary

Dr. Sr. A. Arockia Jenecius Alphonse

Assistant Professor of Botany, St. Mary's College (Autonomous), Thoothukudi

Organizing Secretaries

Dr. Jemma Hermelin Jesy Diaz

Department Coordinator and Assistant Professor of Zoology

Dr. P. Subavathy

Assistant Professor of Zoology



**IN HOUSE TRAINING PROGRAMME
ON
CLINICAL LABORATORY TECHNOLOGY**

**USING
AUTOANALYZER, URINE ANALYZER
AND OTHER LAB EQUIPMENTS**

13TH – 17TH DECEMBER 2021

UNDER STAR COLLEGE SCHEME

2021-2022

Sponsored by

**Department of Biotechnology
Ministry of Science & Technology,
Govt. of India, New Delhi**

Venue: Zoology Lab

Time: 9.30 a.m to 1.30 p.m.

Organized by

Marian Star Centre

Department of Zoology

**St. Mary's College (Autonomous),
Thoothukudi, Tamil Nadu**

(Reaccredited with 'A+' Grade by NAAC)

TEN DAYS TRAINING PROGRAMME ON E-MAPPING

13th December 2021 to 22nd December 2021

UNDER STAR SCHEME

2021 – 2022

Sponsored by



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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: Sheik Ismail,

Digisailor Company,

Thoothukudi.

Venue: Dolorosa Block

Time: 10:00 a.m. – 04:00 p.m.

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

Convenor

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. Euchrista Immaculate Sylvia, Associate Professor of Physics

Ms. A. Lucas Rexceline, Associate Professor of Physics

Dr. M. Sheeba, Assistant Professor of Physics

Ms. A. Valentina, Assistant Professor of Physics

For any queries

**Mail id: stmphy2012@gmail.com
smcstardbt2021@gmail.com**

ELEVEN DAYS TRAINING PROGRAMME ON SOLAR BASED PROJECTS

13th December 2021 to 23rd December 2021

UNDER STAR SCHEME

2021 – 2022

Sponsored by



सत्यमेव जयते

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: Shanmugaraj,

Core Techno Solutions,

Thoothukudi.

Venue: Star Hall

Time: 10:00 a.m. – 04:00 p.m.

ORGANIZING COMMITTEE

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Chairman

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smcstardbt2021@gmail.com**



St. Mary's College (Autonomous)

Re- Accredited with 'A+' Grade by NAAC (4th Cycle)



Department of Botany

Organizes

**In house Training Programme
on the topic**

DIGITALIZATION OF CAMPUS FLORA

under Star College scheme



Resource Person

Dr. F. Dayana Lobo & Ms. S. Pauline Jenifer

**Assistant Professor of Botany,
St. Mary's College (Autonomous), Thoothukudi.**

DATE : 14.12.2021 TO 18.12.2021

TIME : 9.30 A.M.

Best wishes from

Rev. Dr. Sr. C. Shibana

Secretary

Rev. Dr. Sr. Jessie Fernando

Principal

Rev. Dr. Sr. M. S. Ezhilarasi

Deputy Principal

Rev. Sr. Josephine Jeyarani

Director, SSC

Convenor

Rev. Dr. Sr. A. Arockia Jenecius

Alphonse

**Head & Associate Professor of
Botany**

**Faculty Members Department
of Botany**



Three Days In-house Training Programme

(Under STAR College Scheme) 2021-2022



Topic

Analysis of Carbon, nitrogen, phosphorus, Zinc and Calcium in Soil using Mini Lab for Soil Analysis

Sponsored by

Department of Biotechnology

Ministry of Science & Technology, Govt. of India, New Delhi

Organized by

Department of Chemistry

St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu

(Reaccredited with 'A+' Grade by NAAC)

14.12.2021

15.12.2021

21.12.2021

Organizing committee

Dr. Arockia Jeneclus Alphonse Overall Coordinator & Member Secretary

Mrs. S. Rani Jeyamary Head, Department of Chemistry

Dr. T. Linda Fernando, Associate Professor of Chemistry

Dr. J. Martin Rathil, Associate Professor of Chemistry

Dr. Irudaya Antonat Sophia, Assistant Professor of Chemistry Dr. A. Lakshmi, Assistant Professor of Chemistry

Dr. B. Divya, Assistant Professor of Chemistry

Dr. A. Parveen Sulthana, Assistant Professor of Chemistry

Dr. G. Amala Jothi Grace, Assistant Professor of Chemistry

Best Wishes from

Rev. Sr. Flora Mary Secretary

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



Three Days In-house Training Programme

(Under STAR College Scheme) 2021-2022



Topic

Estimation of Glucose, cholesterol, hemoglobin and protein in blood sample using semi autoanalyser

Sponsored by

Department of Biotechnology

Ministry of Science & Technology, Govt. of India, New Delhi



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Department of Chemistry

St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu

(Reaccredited with 'A+' Grade by NAAC)

14.12.2021

16.12.2021

17.12.2021

Organizing committee

Dr. Arockia Jenecius Alphonse Overall Coordinator & Member Secretary

Mrs. S. Rani Jeyamary Head, Department of Chemistry

Dr. T. Linda Fernando, Associate Professor of Chemistry

Dr. J. Martin Rathí, Associate Professor of Chemistry

Dr. Irudaya Antonat Sophia, Assistant Professor of Chemistry Dr. A. Lakshmi, Assistant Professor of Chemistry

Dr. B. Divya, Assistant Professor of Chemistry

Dr. A. Parveen Sulthana, Assistant Professor of Chemistry

Dr. G. Amala Jothi Grace, Assistant Professor of Chemistry

Best Wishes from

Rev. Sr. Flora Mary Secretary

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

IN-HOUSE TRAINING ON HORTICULTURE

14th to 18th December, 2021

UNDER STAR COLLEGE SCHEME
2021-2022



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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



IN-HOUSE TRAINING PROGRAMME
ON
EXTRACTION AND ANALYSIS OF OIL
USING
OIL EXTRACTOR AND CLEVENGER APPARATUS

14th to 18th DECEMBER 2021
UNDER STAR COLLEGE SCHEME
2021-2022



Sponsored by
Department of Biotechnology
Ministry of Science & Technology, Govt. of India, New Delhi.

Venue: Botany Research Lab

Time: 9.30 a.m. to 1.30 p.m.



Organized by
Marian Star Centre
Department of Botany
St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu
(Reaccredited with 'A+' Grade by NAAC)





St. Mary's College (Autonomous)

Re- Accredited with 'A' Grade by NAAC (4th Cycle)



Department of Botany

Organizes

In house Training Programme

on the topic

HISTOLOGICAL TECHNIQUES

under Star College scheme



Resource Person

Ms. S. Pauline Jenifer Dr. R. Mary Santhi

**Assistant Professor of Botany,
St. Mary's College (Autonomous), Thoothukudi.**

DATE : 14.12.2021 TO 18.12.2021

TIME : 9.30 A.M.

Best wishes from

Rev. Dr. Sr. C. Shibana

Secretary

Rev. Dr. Sr. Jessie Fernando

Principal

Rev. Dr. Sr. M. S. Ezhilarasi

Deputy Principal

Rev. Sr. Josephine Jeyarani

Director, SSC

Convenor

Rev. Dr. Sr. A. Arockia Jenecius

Alphonse

**Head & Associate Professor of
Botany**

**Faculty Members Department
of Botany**

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

14th to 18th December, 2021

**UNDER STAR COLLEGE SCHEME
2021-2022**



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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





IN HOUSE TRAINING PROGRAMME

ON

**ISOLATION OF DNA AND
ELECTROPHORETIC TECHNIQUES**

15TH – 18TH DECEMBER 2021

UNDER STAR COLLEGE SCHEME

2021-2022

Sponsored by

Department of Biotechnology

Ministry of Science & Technology,

Govt. of India, New Delhi

Venue: Zoology Lab

Time: 9.30 a.m to 1.30 p.m.

Organized by

Marian Star Centre

Department of Zoology

**St. Mary's College (Autonomous),
Thoothukudi, Tamil Nadu**

(Reaccredited with 'A+' Grade by NAAC)





Three Days Intercollegiate Lecture cum Hands on Training in Practical Physics



UNDER STAR SCHEME
2021 – 2022

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DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology
Government of India



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MARIAN STAR CENTRE

Department of Physics

St. Mary's College (Autonomous)
(Re-accredited by NAAC with 'A+' Grade)
Thoothukudi – 628 001

Resource Person:

**Mr. K. Balasubramanian, Industrialist,
Rethan Machining Solutions, Tirunelveli**

Date: 15.12.2021 – 17.12.2021

Time: 8:30 a.m. – 1:30 p.m.

Venue:

**Lecture: Star Hall
Hands on Training: Physics Lab**

ORGANIZING COMMITTEE

Patron

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Secretary, St. Mary's College (Autonomous), Thoothukudi

Chairman

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Principal, St. Mary's College (Autonomous), Thoothukudi

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Overall Coordinator & Member Secretary

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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. Euchrista Immaculate Sylvia, Associate Professor of Physics

Ms. A. Lucas Rexceline, Associate Professor of Physics

Dr. M. Sheeba, Assistant Professor of Physics

Ms. A. Valentina, Assistant Professor of Physics

Registration Link:

<https://forms.gle/KsDwZGaiTxky3WJn6>

For any queries

Mail id: stmphy2012@gmail.com

smcstardbt2021@gmail.com

International Webinar on
Impact of Nanobiotechnology in the Field of Medicine

16th & 17th DECEMBER 2021

UNDER STAR COLLEGE SCHEME

Organized by

Marian Star Centre

Department of Chemistry

in association with

Department of Microbiology

St. Mary's College, (Autonomous)

(Re-accredited with A+ Grade by NAAC) Thoothukudi

Join zoom meeting: <https://us02web.zoom.us/j/82146867185>

Meeting Id: 821 4686 7185

Passcode: micro@smc

Resource Persons

Dr. P. Pachamuthu,

Assistant Professor of Chemistry,
Integrated AI & Sensors lab,
Bannari Amman Institute of Technology,
Sathyamangalam, Erode.

***Topic : Emerging Trends in Microbial
synthesis of Nanomaterials &
their applications***

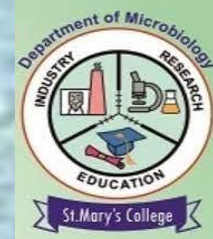
Date : 16.12.2021 Time: 3 – 4 p.m

Dr. M. Gover Antoniraj,

Postdoctoral fellow,
Department of Clinical Biochemistry and
Pharmacology,
Faculty of Health Sciences Ben-Gurion
University of the Negev, Israel

Topic: Advances in Drug Delivery

Date : 17.12.2021 Time: 11 a.m – 12 p.m



Best Wishes from

Rev. Sr. Flora Mary, Secretary

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

Rev. Dr. Sr. S. Kulandai Therese, Deputy Principal

Rev. Sr. Josephine Jeyarani, Director

Convenor

Ms. S. Rani Jeyamary
Assistant Professor & Head,
Department of Chemistry

Dr. Joys Selva Mary Albert,
Assistant Professor & Head,
Department of Microbiology

Overall Coordinator & Member Secretary

Dr. Sr. A. Arockia Jenecius Alphonse

Assistant Professor of Botany, St.Mary's College (Autonomous), Thoothukudi

Organizing Committee Members

Dr. T. Linda Fernando (Assoc. Prof of Chemistry)

Dr. J. Martin Rathi (Assoc. Prof of Chemistry)

Dr. Irudaya Antonat Sophia (Asst. Prof of Chem)

Dr. A. Lakshmi (Asst. Prof of Chemistry)

Dr. B. Divya (Asst. Prof of Chemistry)

Dr. A. Parveen Sulthana (Asst. Prof of Chemistry)

Dr. G. Amala Jothi (Asst. Prof of Chemistry)

Dr. C. Siluvai Kirubagari Aneeshia (Asst.Prof of MB)

Mrs. A. Maria Heartina Adlin Vaz (Asst.Prof of MB)

Mr. C. Edward (Asst.Prof of MB)

Mrs. P. Raja Rajeswari (Asst.Prof of MB-Mgmt)

Dr. T.P. Kumari Pushpa Rani (Asst.Prof of MB)

Mrs. R. Shynisha Begam (Asst.Prof of MB)

Ms. S. Saarumathi (Asst.Prof of MB-Mgmt)

No registration fee

E-Certificate will be provided

INVITED LECTURE ON HUMAN WILDLIFE CONFLICT MITIGATION

17TH DECEMBER 2021

**UNDER STAR COLLEGE SCHEME
2021-2022**



सत्यमेव जयते

Sponsored by
Department of Biotechnology
Ministry of Science & Technology, Govt. of India, New Delhi.

Resource person
ABHISHEK TOMAR
DFO
THOOTHUKUDI

Organized by
Marian Star Centre
Department of Botany
St. Mary's College (Autonomous),
Thoothukudi, Tamil Nadu
(Reaccredited with 'A+' Grade by NAAC)



Venue: Botany Lecture Hall
Time: 11 A.M.



MARIAN STAR CENTRE St.Mary's College (Autonomous)

(RE-ACCREDITED WITH 'A + ' GRADE BY NAAC)

Thoothukudi



Organizes

Inter School Science Quiz '21

(For 6 to 8th Std Students)

Sponsored by

Date : 18. 12. 2021



Venue: STAR Hall

Department of Biotechnology
Govt. of India, New Delhi

Organizing Team

Patron

Rev. Sr. Flora Mary
Secretary

Chair Person

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

Overall STAR Coordinator & Member Secretary

Rev. Dr. A. Arockia Jenecius Alphonse
Assistant Professor, Department of Botany

Advisory Members

Dr. M. Glory

Head & Associate Professor of Botany

Dr. Hermin Pasangha

Head & Associate Professor of Zoology

Dr. Sr. Jessie Fernando

Head & Associate Professor of Physics

Ms. S. Rani Jeyamary

Head & Assistant Professor of Chemistry

Organizing Secretaries

Dr. A. Lakshmi

Dr. G. Amala Jothi Grace

Dr. S. Selvi

Ms. P. Dhanalakshmi

Ms. S. Pauline Jenifer

Dr. P. Subavathy

Ms. A. Selvaanathi

Ms. A. Valentina

Prizes and Awards

I Prize Rs.1000 + Individual Trophy and Certificate

II Prize Rs.750 + Individual Trophy and Certificate

III Prize Rs.500 + Individual Trophy and Certificate

Instructions for the Participants

- Questions will be based on the topics given in their text books.
- A preliminary Screening test will be conducted for all the teams.
- The quiz will have five rounds [Round 1(General Round), Round 2 (Who am I), Round 3 (Picture connect), Round 4(Name the Scientist-Buzzer round), Round 5(Rapid fire).
- Participation Certificate will be given.





St. Mary's College (Autonomous)
Re- Accredited with 'A+' Grade by NAAC (4th Cycle)
Thoothukudi - 628 001



Department of Zoology

Organizes

A Hands-on Training Programme on

Breeding and Culture of Ornamental Fishes

under Star College scheme



Resource Persons

Rajan Aquafarm
Sakkammalpuram

Date : 18.12.2021

Time : 10.30 a.m.

Best wishes from

Rev. Sr. Flora Mary

Secretary

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

Principal

Rev. Dr. Sr. C. Shibana

Deputy Principal

Rev. Sr. F. Mary Joyce Baby

Director SSC

Convenor

Rev. Dr. Sr. A. Arockia Jenecius Alphonse

Assistant Professor of Botany

Faculty members, Departments of Zoology

TRAINING ON BAKING FOR BEGINNERS

21st & 22nd DECEMBER 2021

**UNDER STAR COLLEGE SCHEME
2021-2022**



सत्यमेव जयते

Sponsored by
Department of Biotechnology
Ministry of Science & Technology, Govt. of India, New Delhi.

RESOURCE PERSONS

Mrs. A. Marithangam
Assistant Professor
Department of Food Science and Nutrition
Holy Cross Home Science College
&
Mrs. A. Karolin
Assistant Professor
Department of Food Science and Nutrition
Holy Cross Home Science College



Organized by

Marian Star Centre
Department of Botany

St. Mary's College (Autonomous), Thoothukudi, Tamil Nadu
(Reaccredited with 'A+' Grade by NAAC)



Venue: Botany Lab

Time: 2-4 P.M.



**STAR COLLEGE PROGRAMME
2021-2022**

Sponsored by



सत्यमेव जयते

DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology
Government of India



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Convener

Dr. Sr. Jessie Fernando
Head and Associate Professor
Department of Physics, St. Mary's College (Autonomous), Thoothukudi

Programme Coordinator

Dr. Sr. Arockia Jenecius Alphonse
Assistant Professor of Botany, St. Mary's College (Autonomous), Thoothukudi

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Ms. A. Lucas Rexceline, Associate Professor of Physics
Dr. M. Sheeba, Assistant Professor of Physics
Ms. P. Dhanalakshmi, Assistant Professor of Physics
Ms. A. Valentina, Assistant Professor of Physics

An Invited talk on Application of Physics in Health Sciences

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: Mr. Pragadheeswaran Venkat
Entrepreneur & Founder Director,
Aries Biomed Technology Pvt Ltd,
Coimbatore, India.

Date: 22.01.2022

Time: 10:30 a.m to 11:30 a.m

Registration Link: <https://forms.gle/4rqwsoJHgN1EXu28A>

Zoom Meet link:

For any Queries, Mail id: stmphy2012@gmail.com
smcstardbt2021@gmail.com



National Webinar

ON

CHEMICAL PESTICIDES VERSUS NATURAL PESTICIDES: FOR SAFE STORAGE OF FOOD GRAINS FROM INSECT PESTS

UNDER STAR COLLEGE SCHEME

2021-2022

Sponsored by



सत्यमेव जयते

Department of Biotechnology, Ministry of Science & Technology,
Govt. of India, New Delhi

RESOURCE PERSON

Dr. S. EZIL VENDAN

Scientist,

Food Protectants & Infestation Control Dept.,
CSIR-Central Food Technological Research Institute,
Mysore, Karnataka

Organized by

DATE: 28.01.2022

Marian Star Centre

TIME: 6.30 p.m.

Department of Zoology

ST.MARY'S COLLEGE (AUTONOMOUS)

(Reaccredited with 'A+' Grade by NAAC)

THOOTHUKUDI – 628 001

ORGANIZING COMMITTEE

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Rev. Sr. Flora Mary
Secretary,
St. Mary's College (Autonomous),
Thoothukudi

HOD

Dr. Hermin Pasangha
Associate Professor of Zoology

Department Coordinator

Dr. Jemma Hermelin Jesy Diaz
Assistant Professor of Zoology

Chairman

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Principal,
St. Mary's College (Autonomous),
Thoothukudi

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Assistant Professor of Botany,

Organizing Secretaries

Dr. S. Mary Baptista Janet
Associate Professor of Zoology
Dr. R.Sri priya
Assistant Professor of Zoology



STAR COLLEGE PROGRAMME 2021-2022



Sponsored by



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DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology
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MARIAN STAR CENTRE
Department of Physics
St. Mary's College (Autonomous)
(Re-accredited by NAAC with 'A+' Grade)
Thoothukudi – 628 001.



Resource Person: Prof. Meena D. R.
Associate Professor,
Department of Chemistry,
UHV and NEP Coordinator,
Bangalore Institute of Technology, Bangalore.

Date: 29.01.2022

Time: 09:30 a.m. to 10:30 a.m.

ORGANIZING COMMITTEE

Patron

Rev. Sr. Flora Mary
Secretary, St. Mary's College (Autonomous), Thoothukudi

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Principal, St. Mary's College (Autonomous), Thoothukudi

Convenor

Dr. Sr. Jessie Fernando
Head and Associate Professor
Department of Physics, St. Mary's College (Autonomous), Thoothukudi

Programme Coordinator

Dr. Sr. Arockia Jenecius Alphonse
Assistant Professor of Botany, St. Mary's College (Autonomous), Thoothukudi

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Dr. M. Sheeba, Assistant Professor of Physics
Ms. P. Dhanalakshmi, Assistant Professor of Physics
Ms. A. Valentina, Assistant Professor of Physics

Registration Link: <https://forms.gle/Z4BhLnmtSxQUDqYc9>

For any Queries, Mail id: stmphy2012@gmail.com
smcstardbt2021@gmail.com

2nd February 2022
10.00-11.00 A.M

Day 3
Session III

Topic : "Synthesis of Biologically Active Small Molecules Using Sustainable C-H Activation Approach and Their Medicinal Applications"

Resource Person

Dr P. YUVARAJ

Senior Scientist

CSIR- North East Institute of Science & Technology Branch Laboratory
Imphal, Manipur-795 004, India

3rd February 2022
03.00-04.00 P.M

Day 4
Session IV

Topic : "Gene Delivery-Challenges, Advancement and Applications"

Resource Person

Dr.P.Pon SathieshKumar

IBS Senior Post Doc Researcher

Institute of Basic Science

POSTECH

South Korea

4th February 2022
10.00-11.00 A.M

Day 5
Session V

Topic : Fundamentals of Oxygen Biochemistry With Special Reference To Body Immunity

Resource Person

Dr. Parthiban Marimuthu

Institute of Organic BioHospitals

E-71, Greater Kailash Enclave 1

New Delhi-110048

5th February 2022
2.30-3.30 P.M

Day 6
Session VI

Topic : Conversion of Waste into Wealth Research to Commercialization

Resource Person

Dr. Kathiresan V. Sathasivam

Senior Associate Professor, Department of Biotechnology (Former Registrar) AIMST University
Semeling, 08100 Bedong, Kedah Darul Aman, Malaysia

ORGANISING COMMITTEE

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St.Mary's College (Autonomous), Thoothukudi

Chairman

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

Principal

St.Mary's College (Autonomous), Thoothukudi

Convenor

Ms. S. Rani Jeyamary

Head, Department of Chemistry

St.Mary's College (Autonomous), Thoothukudi

Organising Secretary

Dr. T. Linda Fernando

Associate Professor of Chemistry

St.Mary's College (Autonomous), Thoothukudi

Program Coordinator

Dr. Sr. Arockia Jenecius Alphonse

Overall Coordinator & Member Secretary

DBT STAR College Scheme

Assistant Professor of Botany

St.Mary's College (Autonomous), Thoothukudi

Department Coordinator

Dr. Irudaya Antonat Sophia

Assistant Professor of Chemistry

St.Mary's College (Autonomous), Thoothukudi

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Dr. J. Martin Rathi

Associate Professor of Chemistry

Dr. A. Lakshmi

Assistant Professor of Chemistry

Dr. B. Divya

Assistant Professor of Chemistry

Dr. A. Parveen Sulthana

Assistant Professor of Chemistry

Dr. G. Amala Jothi Grace

Assistant Professor of Chemistry

Faculty Development Programme

On

"Exploring New Frontiers in Chemical and Biological Science"

UNDER STAR COLLEGE SCHEME

(2021-2022)

Sponsored By



Department of Biotechnology,
Government of India, New Delhi

31st January - 5th February 2022

Organized by



Marian Star Centre

Department of Chemistry

St. Mary's College (Autonomous)

Re-accredited by NAAC with 'A +' Grade

Thoothukudi - 628 001,

Tamil Nadu, India.

E-mail

marianstarcentredbt2021@gmail.com

chemistry.smc@gmail.com

Registration link

<https://forms.gle/y2xJkuHka144AnJWA>

About the college

St. Mary's College, a catholic institution of higher education for women, established in 1948 enjoys a heritage of 73 years as a Christian Minority Institution. The college is reaccredited with 'A+' grade by NAAC in the fourth cycle. Affiliated to Manonmaniam Sundaranar University, Tirunelveli, the College offers graduate, post-graduate, M.Phil., and Ph.D., programmes in various disciplines. The college has attained Autonomous Status in the year 2009. Recognizing the great potential within the campus, the NAAC has reaccredited the institution with 'A+' grade in its fourth cycle. With the motto FIDE VIVANT (Live by Faith) the college has groomed generations of young women through its conscious efforts and has enlivened the vision of its pioneers by imparting value conscious integrated education to the young women ensuring their continual growth for more than seven decades.

About DBT STAR College Scheme

"Star College Scheme" has been initiated by the Department of Biotechnology (DBT) to support colleges offering undergraduate programmes to promote and facilitate science teaching. The scheme aims to hone the skills of the teachers by helping the institution to organize faculty training programmes, to offer improved curriculum keeping up with the current trends and to emphasize applied learning and practical training for students by providing access to specialized infrastructure and consumables. Star college scheme is formulated with an aim to enhance conceptual clarity, develop scientific thinking and creativity among students.

It enables interactive participation among different scientific disciplines and departments with the holistic approach towards science rather than compartmentalized thinking. DBT has supported around 200 undergraduate colleges across the country in the past 9 years. Star College scheme was sanctioned in March 2019. Four departments of the college namely Physics, Chemistry, Botany and Zoology have been recommended by the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India, New Delhi, to receive financial assistance under the Star College Scheme.

About the FDP

This one Week online faculty development programme is intended to motivate and explore the emerging trends and biotechnological advancements in Chemical and Biological Science with an objective to encourage young minds to enhance their research abilities by providing an opportunity to meet experts in the field. and to inculcate a keen desire in future career.

The successful completion of the Faculty Development Programme will facilitate in:

- * Enabling teachers in service to debate and share latest developments in Chemical Sciences and biotechnology, as well as to share their experiences with their peers
- * Organizing a forum for teachers to learn about the new developments in the field
- * Providing exposure to cutting edge chemical research and technology
- * Creating a culture of learning and self-improvement among faculty members
- * Providing platforms for them to expand their expertise and pursue additional research Introducing new approaches and innovations in higher education and assist them in establishing their own unique teaching

Programme Schedule

31st January, 2022

Day 1

8.30 A.M – 09.00 A.M -Inauguration
Welcome Address
Ms.S.Rani Jeyamary
Head, Department of Chemistry
St.Mary's College (Autonomous)
Thoothkudi

Felicitation
Dr.Sr.A.S.J.Lucia Rose
Principal
St.Mary's College (Autonomous)
Thoothukudi

09.00A.M-10.00 A.M

Session I

Topic: "A new Structural Paradigm in Heme Binding Proteins"

Resource Person
Dr.Desigan Kumaran
Structural Biologist, Biology Department
Brookhaven National Laboratory
Upton, New York 11973
USA

1st February, 2022

Day 2

10.00-11.00 A.M

Session II

Topic : " Hydrogels For Multiple Heavy Metal Adsorption"

Resource Person
Dr. Suguna Perumal
International Research Professor
School of Chemical Engineering
Yeungnam University
South Korea.



A One day Hands on Training on Crystal Growth



**UNDER STAR SCHEME
2021 – 2022**

Sponsored by



सत्यमेव जयते

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. Sumithraj Premkumar
Assistant Professor
Department of Physics
St. John's College
Palayamkottai.

Date: 14.02.2022

Time: 9:00 a.m. – 4:00 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),
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Ms. A. Lucas Rexceline, Associate Professor of Physics
Dr. M. Sheeba, Assistant Professor of Physics
Ms. A. Valentina, Assistant Professor of Physics

For any queries

**Mail id: stmphy2012@gmail.com
smcstardbt2021@gmail.com**



St. Mary's College (Autonomous)
Re- Accredited with 'A+' Grade by NAAC (4th Cycle)
Thoothukudi - 628 001



Department of Chemistry

Organizes

A Hands-on Training Programme on

Fundamentals of Computational Chemistry and Molecular Simulation

under Star College scheme



Resource Persons

Dr. Murali Krishnan

Assistant Professor of Chemistry

Bannari Amman Institute of Technology,

Sathyamangalam, Erode

Date : 16.02.2022

Time : 10.00 a.m.

Best wishes from

Rev. Sr. Flora Mary

Secretary

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

Principal

Rev. Dr. Sr. C. Shibana

Deputy Principal

Rev. Sr. F. Mary Joyce Baby

Director, SSC

Convenor

Rev. Dr. Sr. A. Arockia Jenecius Alphonse

Assistant Professor of Botany

Faculty members, Departments of Zoology



ORGANIZING COMMITTEE

Patron

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

Convenor

Dr. M. Glory

Head and Associate Professor of Botany

Program Coordinator

Dr. Sr. A. Arockia Jenecius Alphonse

Overall coordinator & Member Secretary

DBT STAR College Scheme

Assistant Professor of Botany

Organizing Team

Dr. A. Jacintha Tamil Malar Assistant Professor of Botany

Dr. G. Flora, Assistant Professor of Botany

Dr. S. Beulah Jerlin, Assistant Professor of Botany

Dr. E. Daffodil D Almeida, Assistant Professor of Botany

Dr. F. Dayana Lobo, Assistant Professor of Botany

Dr. B. Maria Sumathi, Assistant Professor of Botany

Ms. S. Pauline Jenifer, Assistant Professor of Botany

Dr. S. Mary Santhi, Assistant Professor of Botany

Dr. P. Hermalin, Assistant Professor of Botany

INTERNATIONAL WORKSHOP on MICROALGAL TECHNOLOGY

UNDER STAR COLLEGE SCHEME

2021 – 2022

Sponsored by



सत्यमेव जयते

Department of Biotechnology
Ministry of Science & Technology,
Government of India

16th – 18th February 2022

Organized by

MARIAN STAR CENTRE

Department of Botany

St. Mary's College (Autonomous)

(Re-accredited by NAAC with 'A+' Grade)

Thoothukudi - 628001



Registration link : <https://forms.gle/Q9n2mmiwQCH9PQvGA>
Google Class Room Code : heed72g
Mail Id : smcstardbt2021@gmail.com
botanydptstmarys@gmail.com

About the Department

The Department of Botany was established in the year 1957 with B.Sc. course in Botany and became Post Graduate Department in the year 1972. The M. Phil. programme was started in the year 1987 and was upgraded as research centre in the year 2000. It offers an unparalleled education to undergraduate and post graduate students with horizontal mobility, interdisciplinary options, supplementary enrichment programmes under choice based credit system. The programme has courses like Molecular biology, Biological techniques, Bioinformatics, Biostatistics, Biodiversity, Forestry, Renewable energy resources and Marine biotechnology to suit professional and social needs of the students and also to tune with emerging national and global needs.

The Department is actively engaged in research programmes in the frontiers of Botany like Environmental Biology, Plant Diversity, Phytochemistry, Marine macro algal resources, Nanotechnology and Bioinformatics. It has DST-FIST and DBT Star College scheme funded sophisticated equipments to carryout advanced research. It has successfully completed major, minor and student projects funded by UGC, New Delhi and TNSCST, Chennai. The research publications of the department in reputed journals by the dedicated faculties are evident for their commitment in research programme. In turn, faculty members strive hard for the holistic development of next generation of plant scientists. The Department is also marked by well established Botanical garden and a good number of collections of specimens of diversified groups.

About DBT STAR College Scheme

"Star College Scheme" has been initiated by the Department of Biotechnology (DBT) in 2008 to support colleges offering undergraduate programmes to promote and facilitate science teaching. The scheme aims to hone the skills of teachers by helping the institution to organise faculty training programmes to offer improved curriculum keeping up with the current trends. It emphasizes applied learning and practical training for students by providing access to specialised infrastructure and consumables. Star College Scheme is formulated with an aim to enhance conceptual clarity, develop scientific thinking and creativity among students. It enables interactive participation among different scientific disciplines and departments with a holistic approach towards science rather than compartmentalised thinking. DBT has supported around 200 undergraduate colleges across the country in the past 9 years. Star College scheme was sanctioned in March 2019. Four departments of the college namely Physics, Chemistry, Botany and Zoology have been recommended by the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India, New Delhi, to receive financial assistance under the Star College Scheme.

About the Workshop.

For millennia, humans have appreciated the usefulness of terrestrial plants as renewable sources of food, medicine, and materials. Agricultural technologies have been consistently modified and improved throughout human history to satisfy the evolving needs of civilization. Algae are a varied collection of photosynthetic organisms that have the ability to meet critical industrial and agricultural demands. Algae's biological diversity can be used to generate a variety of useful bioproducts, either naturally or by genetic modification which has not been tapped to the fullest yet. Microalgae have recently sparked a lot of attention around the world because of its vast range of applications in the renewable energy, biopharmaceutical, and nutraceutical industries. Microalgae can be converted into a variety of products using conversion technologies such as algal lipid upgrading, liquefaction, pyrolysis, gasification, and bioethanol technology as an environmentally friendly renewable feedstock. The broad scope of the workshop includes gaining of knowledge about the culturing of microalgae, production and extraction of value added products from microalgae and the use of microalgae in environmental sustainability.

Programme schedule

Day I: 16.02.2022

Time 9.00am – 11.00 am

Inaugural Ceremony

Prayer song

Welcome Address : Dr. M. Glory

Head and Associate Professor of Botany

Felicitation : Dr. Sr. A.S.J. Lucia Rose

Principal, St. Mary's College (Autonomous), Thoothukudi

Session I

Topic: Microalgae: a Biofactory for Value Products

Dr. Obulisamy Parthiba Karthikeyan

Research Scientist and Lecturer

Department of Civil and Environmental Engineering,

South Dakota School of Mines and Technology, USA.

Session II

Virtual Hands on Session

Day II: 17.02.2022

Time 2.00 p.m. – 3.00 p.m.

Time 9.00 a.m. – 11.00 a.m.

Session I

Topic: Role of Algae on Environmental Sustainability

Dr. Arthur James

Professor and Head

Department of Marine Science

Bharathidasan University

Tiruchirappalli Tamilnadu

Session II

Topic: Microalgal Culture Techniques

Dr. P. Anantharaman

Professor and Dean,

Centre of Advanced Study in Marine Biology

Faculty of Marine Sciences

Annamalai University, Parangipettai, Tamilnadu

Day III: 18.02.2022

Time 6.00 p.m. – 7.00 p.m.

Time 9.00 a.m. – 11.00 a.m.

Session I

Topic: Marine Microplastic Pollution – Threat to Marine Environment

Dr. R. Rajaram

Associate Professor

Department of Marine Science

Bharathidasan University

Tiruchirappalli Tamilnadu

Valedictory Ceremony

Valedictory Address: Dr. Sri Priya

Assistant Professor of Zoology,

St. Mary's College (Autonomous), Thoothukudi

Time 4.00 p.m.



Day 4: 22.02.2022

Time : 5.00 p.m. to 6.30 p.m.

**Topic: "Nanomaterials for Optical Biosensor:
An Insight into Fiber Optic Sensor"**

Resource Person : Dr. Jitendra Satija

Associate Professor
Centre for Nanobiotechnology
Vellore Institute of Technology-
Vellore



Day 5: 23.02.2022

Time : 5.00 p.m. to 6.30 p.m.

Topic: "Lotus Leaf Effect"

Resource Person : Dr. KR. Ravi

Associate Professor
Department of Metallurgical and
Materials Engineering
Indian Institute of Technology, Jodhpur



Valedictory Address

Topic: "Nano Enabled Sensors"

Resource Person : Dr. T. Prakash

Assistant Professor
National Centre for Nanosciences and Nanotechnology
University of Madras
Chennai.



ORGANISING 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.

Convenor

Dr. Sr. Jessie Fernando

Head and Associate Professor,
Department of Physics,
St.Mary's College (Autonomous), Thoothukudi.

Program Coordinator

Dr.Sr.Arockia Jenecius Alphonse

Overall coordinator & Member Secretary,
DBT STAR College Scheme,
Assistant Professor of Botany,
St.Mary's College (Autonomous), Thoothukudi.

Organizing secretary

Dr.S.Euchrista Immaculate Sylvia

Associate Professor of Physics
St.Mary's College (Autonomous), Thoothukudi

Organising committee

Ms. A. Lucas Rexceline, Associate Professor of Physics
Dr. M.Sheeba, Assistant Professor of Physics
Ms. P.Dhanalakshmi, Assistant Professor of Physics
Ms. A. Valentina, Assistant Professor of Physics
Ms. P. Padmavathi, Assistant Professor of Physics
Dr. A. Nirmala Shirley, Assistant Professor of Physics
Ms. S. Saravana Selvi, Assistant Professor of Physics
Ms. R. Monica, Assistant Professor of Physics

REGISTRATION DETAILS

Register using the link -----on or
before 17.02.2022

STAR COLLEGE PROGRAMME

2021-2022

Sponsored by



DEPARTMENT OF BIOTECHNOLOGY
GOVT.OF INDIA
NEW DELHI

Five days International FDP on
**SMART MATERIALS
FOR
NEW TECHNOLOGY**

18th to 23rd February 2022

Organised By

Marian Star Centre

Department of Physics

St. Mary's College(Autonomous)

(Re-accredited by NAAC with 'A+' Grade)
Thoothukudi-628001
TamilNadu, India



Mail id: smcstardbt2021@gmail.com
stmpthy2012@gmail.com

About the college

St. Mary's College, a catholic institution of higher education for women, established in 1948 enjoys a heritage of 71 years as a Christian Minority Institution. The college is reaccredited with 'A+' grade by NAAC in the fourth cycle. Affiliated to Manonmaniam Sundaranar University, Tirunelveli, the College offers graduate, post-graduate, M.Phil., and Ph.D., programmes in various disciplines. The college became Autonomous in 2009. Besides the academics, the college aims at the holistic development of the stakeholders. The motto of the college is FIDE VIVANT (Live by Faith).

About DBT STAR College Scheme

"Star College Scheme" has been initiated by the Department of Biotechnology (DBT) to support colleges offering undergraduate programmes to promote and facilitate science teaching. The scheme aims to hone the skills of the teachers by helping the institution to organize faculty training programmes, to offer improved curriculum keeping up with the current trends and to emphasize applied learning and practical training for students by providing access to specialized infrastructure and consumables. Star college scheme is formulated with an aim to enhance conceptual clarity, develop scientific thinking and creativity among students. It enables interactive participation among different scientific disciplines and departments with the holistic approach towards science rather than compartmentalized thinking.

About the department of Physics

The department of Physics was established with the aim of dissemination of knowledge through teaching and research in the field of natural and applied sciences. The department has highly dedicated and knowledgeable faculty supported by excellent technical staff.

About the faculty development programme

Smart Materials are effectively being utilized in a massive area of human development through several technologies. Perhaps future nanotechnology enabled smart materials will have the smart structure and flexibility to change shape and properties as required by the environment for various applications in the field of healthcare, energy generation and conservation, smart textiles, security and surveillance, defense, aerospace etc., for the benefit of mankind. In the light of enormous advancement in various applications of smart materials, faculty development programme have been organized to bring together scientists, researchers, faculty as well as experts from industries with collective interests to discuss the recent advancement of smart materials. We are inviting you to the five days international FDP on "**Smart Materials for New Technology**", sponsored by DBT, New Delhi to create thirst for innovation in research and to enlighten and impart knowledge on advanced technology involved in the designing and fabrication of smart materials to the faculty members as well as research scholars of science, engineering and technology, so that they can extend their research activities to the next level of smart applications.

PROGRAMME SCHEDULE

Day 1: 18.02.2022

Time : 5.00 p.m. to 6.30 p.m.

Presidential Address

Dr. Sr. A. S. J. Lucia Rose
Principal
St. Mary's College (Autonomous), Thoothukudi.



Topic: "**Commercial of Nano products**"

Resource Person : **Dr. KR. Jayapriyan**

Assistant Professor
Centre for Advanced Studies in Botany
University of Madras
Chennai.



Day 2: 19.02.2022

Time : 5.00 p.m. to 6.30 p.m.

Topic: "**Sensing technologies in medical diagnostic applications**"

Resource Person : **Velmurugan N Ramachandra**

VP of Engineering
AMP MedTech
Massachusetts, USA



Day 3: 21.02.2022

Time : 5.00 p.m. to 6.30 p.m.

Topic: "**Nano Engineered Magnets**"

Resource Person : **Dr. Delhi Babu Prabhu**

Scientist - C
Centre for Automotive Energy Materials
International Advanced Research Centre for
Powder Metallurgy and New Materials
Chennai



23rd February 2022
04.00 P.M. - 06.00 P.M.

Day 3
Session III

Topic : "Trademarks & Geographical Indications"
Mr. A. K. Rajaraman,
Advocate, High Court of Madras,
Chennai



24th February 2022
04.00 P.M. - 06.00 P.M.

Day 4
Session IV

Topic : "Copyright"
Dr.P.R.L. Rajavenkatesan,
Associate Professor & HoD,
VIT School of Law, VIT,
Chennai.



25th February 2022
04.00 P.M. - 06.00 P.M.

Day 5
Session V

Topic : "Biodiversity & Traditional Knowledge"
Dr. Narendran Thiruthy,
Assistant Professor,
Rajiv Gandhi School of
Intellectual Property Law,
Indian Institute of Technology,
Kharagpur.



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Convenor
Dr. M.Glory
Associate Professor & Head of Botany
St. Mary's College (Autonomous), Thoothukudi

Program Coordinator
Dr. Sr. Arockia Jenecius Alphonse
Overall Coordinator & Member Secretary
DBT STAR College Scheme
Assistant Professor of Botany
St. Mary's College (Autonomous), Thoothukudi

Executive Members

Dr. A. Jecintha Tamil Malar
Assistant Professor of Botany
Dr. G. Flora
Assistant Professor of Botany
Dr. S.Beulah Jerlin
Assistant Professor of Botany
Dr. E. Daffodil D' Almeida
Assistant Professor of Botany
Dr. F. Dayana Lobo
Assistant Professor of Botany
Dr. B. Maria Sumathi
Assistant Professor of Botany
Ms. S. Pauline Jenifer
Assistant Professor of Botany
Dr.R. Mary Shanthi
Assistant Professor of Botany
Dr. P. Hermalin
Assistant Professor of Botany

Faculty Development Programme

on
"INTELLECTUAL PROPERTY RIGHTS"
UNDER STAR COLLEGE SCHEME
(2021-2022)

Sponsored By



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

21st - 25th February 2022

Organized by
Marian Star Centre
Department of Botany
St. Mary's College (Autonomous)
Re-accredited by NAAC with 'A +' Grade
Thoothukudi - 628 001,
Tamil Nadu, India.



E-mail
marianstarcentredbt2021@gmail.com
botanydptstmarys@gmail.com

Registration link

<https://forms.gle/biVP7ikhxds6Czko8>

About the College

St. Mary's College, a catholic institution of higher education for women, established in 1948 enjoys a heritage of 73 years as a Christian Minority Institution. The college is reaccredited with 'A+' grade by NAAC in the fourth cycle. Affiliated to Manonmaniam Sundaranar University, Tirunelveli, the College offers graduate, post-graduate, M.Phil., and Ph.D., programmes in various disciplines. The college has attained Autonomous Status in the year 2009. Recognizing the great potential within the campus, the NAAC has reaccredited the institution with 'A+' grade in its fourth cycle. With the motto FIDE VIVANT (Live by Faith) the college has groomed generations of young women through its conscious efforts and has enlivened the vision of its pioneers by imparting value conscious integrated education to the young women ensuring their continual growth for more than seven decades.

About DBT STAR College Scheme

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It enables interactive participation among different scientific disciplines and departments with the holistic approach towards science rather than compartmentalized thinking. DBT has supported around 200 undergraduate colleges across the country in the past 9 years. Star College scheme was sanctioned in March 2019. Four departments of the college namely Physics, Chemistry, Botany and Zoology have been recommended by the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India, New Delhi, to receive financial assistance under the Star College Scheme.

About the FDP

Globalization and Industrial necessities stay ahead of the curve in terms of innovation and creativity in order to compete in the technological and commerce markets. The word intellectual property refers to the use of the human brain for creation and creativity. The ultimate idea that led to the innovation or creation is an intangible property of the person who put up the effort to make it happen. Similar to physical property, intellectual property rights (IPR) are territorial rights that allow an owner to sell, buy, or license his Intellectual Property (IP). The development of any society directly depends on IPR and its policy frame work. Inventions died; there was a high risk of infringement, economic loss, and the end of an intellectual period in the country due to a lack of IPR understanding. Hence, there is an urgent need for IPR information to be disseminated in order to promote indigenous innovations and breakthroughs in the sphere of research and technology. The broad scope of this FDP will cast wide information to be needed for IPR.

Programme

21st February, 2022

0.4.00 P.M. - Inauguration

Welcome Address

Dr. M. Glory

Associate Professor & Head of Botany

St. Mary's College (Autonomous)

Thoothkudi

Felicitation

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

Principal

St. Mary's College (Autonomous)

Thoothukudi

04.15 P.M - 06.00 P.M

Topic: "Introduction to IPR -National & International Perspective"

Dr. M. Sakthivel,

Assistant Professor,
Guru Gobind Singh
Indraprastha University,
New Delhi.



22nd February, 2022

04.00 P.M - 06.00 P.M

Topic: "Introduction to Patent system and Filing Procedure"

Dr. Deepa,

Registered Patent Agent,
Chennai.



Day 1

Session I

Day 2

Session II





MARIAN STAR SCIENCE FEST '22



Organized by

MARIAN STAR CENTRE St. Mary's College (Autonomous)

(RE-ACCREDITED WITH 'A+' GRADE BY NAAC)

Thoothukudi

Sponsored by



Department of Biotechnology
Govt. of India, New Delhi

Day 3 (28.02.2022)

Inter School Science Quiz

(For 9 & 10 th Std Students)

Organizing Team

Venue: Fatima Hall

Patron

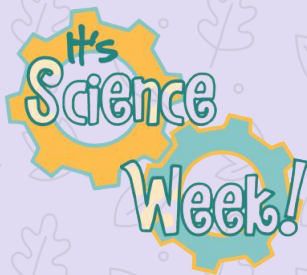
Rev. Sr. Flora Mary
Secretary

Chair Person

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

Overall STAR Coordinator & Member Secretary

Rev. Dr. A. Arockia Jenecius Alphonse
Assistant Professor, Department of Botany



Advisory Members

Dr. M. Glory
Head & Associate Professor of Botany

Dr. Hermin Pasangha
Head & Associate Professor of Zoology

Dr. Sr. Jessie Fernando
Head & Associate Professor of Physics

Ms. S. Rani Jeyamary
Head & Assistant Professor of Chemistry

Organizing Secretaries

Dr. A. Lakshmi
Dr. G. Amala Jothi Grace
Dr. S. Selvi
Ms. P. Dhanalakshmi
Ms. S. Pauline Jenifer
Dr. P. Subavathy
Ms. A. Selvaanathi
Ms. A. Valentina

Prizes and Awards

I Prize Rs.1000 + Individual Trophy and Certificate
II Prize Rs.750 + Individual Trophy and Certificate
III Prize Rs.500 + Individual Trophy and Certificate

Instructions for the Participants

- Questions will be based on the topics given in their text books and some general scientific concepts.
- A preliminary Screening test will be conducted for all the teams.
- The quiz will have five rounds [Round 1(General Round), Round 2 (Who am I), Round 3 (Picture connect), Round 4(Name the Scientist-Buzzer round), Round 5(Rapid fire).
- Participation Certificate will be given.



READY?
2WIN?

INTERNATIONAL WEBINAR
ON



CLIMATE CHANGE AND FUTURE CHALLENGES

UNDER DBT STAR COLLEGE SCHEME 2021 - 2022



Organized by

ST. MARY'S COLLEGE (AUTONOMOUS)

(Re-accredited by NAAC with 'A +' Grade)

Thoothukudi - 628 001

Tamil Nadu, India



Sponsored by

**Department of Biotechnology
Ministry of Science and Technology
New Delhi**

3rd - 4th March 2022

Organised by

Marian Star Centre

PG and Research Department of Botany

Dear Sir/ Madam

We cordially invite you to participate in Two Days International Webinar on “Climate Change and Future Challenges - (CCFC, 2022)” on 3rd and 4th, March 2022, organized by the Department of Botany, St. Mary’s College (Autonomous), Thoothukudi, under Star College Scheme sponsored by the Department of Biotechnology, Ministry of Science and Technology, Government of India, New Delhi.

About the College

St. Mary's College, a catholic institution of higher education for women, established in 1948 enjoys a heritage of 73 years as a Christian Minority Institution. The college is reaccredited with 'A+' grade by NAAC in the fourth cycle. Affiliated to Manonmaniam Sundaranar University, Tirunelveli, the College offers graduate, post-graduate, M.Phil., and Ph.D., programmes in various disciplines. The college has attained Autonomous Status in the year 2009. Recognizing the great potential within the campus, the NAAC has reaccredited the institution with 'A+' grade in its fourth cycle. With the motto FIDE VIVANT (Live by Faith) the college has groomed generations of young women through its conscious efforts and has enlivened the vision of its pioneers by imparting value conscious integrated education to the young women ensuring their continual growth for more than seven decades.

About the department

The Department of Botany was established in the year 1957 with B.Sc. course in Botany and became Post Graduate Department in the year 1972. The M.Phil., programme was started in the year 1987 and was upgraded as research centre in the year 2000. It offers an unparalleled education to undergraduate and postgraduate students with horizontal mobility, interdisciplinary options, supplementary enrichment programmes under choice based credit system. The Department is actively engaged in research programmes in the frontiers of Botany like Environmental Biology, Plant Diversity, Phytochemistry, Marine Macro Algal Resources, Nanotechnology and Bioinformatics.

About DBT STAR College Scheme

“Star College Scheme” has been initiated by the Department of Biotechnology (DBT) to support colleges offering undergraduate programmes to promote and facilitate science teaching. The scheme aims to hone the skills of the teachers by helping the institution to organize faculty training programmes, to offer improved curriculum keeping up with the current trends and to emphasize applied learning and practical training for students by providing access to specialized infrastructure and consumables. Star college scheme is formulated with an aim to enhance conceptual clarity, develop scientific thinking and creativity among students.

About the Webinar

Climate change and its related issues reported included droughts, floods, hurricanes, severe storms, heat waves, wildfires, cold spells and landslides in the recent past is the starting point in comprehending the current state of climate emergency. A recent Intergovernmental Panel on Climate Change (IPCC) report demonstrated that anthropogenic activities have caused about 1.0 °C of global warming above the pre-industrial level and this is likely to reach 1.5 °C between 2030 and 2052 if the current emission rates persist. Statistical analysis on global greenhouse gas emissions from natural systems and anthropogenic activities stated that the earth's natural system is a self-balancing and any anthropogenic emissions could add extra pressure to the earth system.

The potential for developing synergies between climate change mitigation and adaptation has become a recent focus of both climate research and policy. The broad scope of this webinar **Climate Change and Future Challenges** will cast wide information on shrinking glaciers, change in precipitation, rise in sea level, shifting plant and animal ranges and accelerated heat waves. Environmentalists, eminent scientists and researchers will discuss on strategies and environmental tools that can evolve changes and will deliberate the need of political interventions and recommendations for long term environmental management and sustainable ecosystem.

Registration Details

Last Date for Registration - 02.03.2022

Registration link: <https://forms.gle/KEob2JXn2cGFBjDB7>

WhatsApp group link: <https://chat.whatsapp.com/C5LehR72z7WA8s5QGR7Ww9>

Meeting Platform: Zoom

Meeting Link

Time: Mar 3, 2022 10:00 a.m. India

Zoom Meeting Link: <https://us02web.zoom.us/j/87843709586>

Meeting ID: 878 4370 9586

Passcode: bot@smc

Youtube link: <https://youtu.be/4OdRKBpxKi8>

Time: Mar 4, 2022 09:00 a.m. India

Zoom Meeting Link: <https://us02web.zoom.us/j/86302406152>

Meeting ID: 863 0240 6152

Passcode: bot@smc

YouTube Link: https://youtu.be/ipD_5Vk6cOU

Time: Mar 4, 2022 05:00 p.m. India

Zoom Meeting Link: <https://us02web.zoom.us/j/82121784766>

Meeting ID: 821 2178 4766

Passcode: bot@smc

Youtube Link: <https://youtu.be/Zdo2xwclP1k>

Contact Details:

botanydptstmarys@gmail.com

PROGRAMME

Day 1 : 3rd March, 2022

Inauguration - 10.00 a.m. – 10.30 a.m.

Welcome Address - Dr. M. Glory

Felicitation - Dr. Sr. A.S.J. Lucia Rose

Keynote Address - 10.30 a.m. - 11.30 a.m.

Topic: Climate Change and Warming Planet

Resource Person: Dr. Jayshree Vencatesan

Managing Trustee

Care Earth Trust, Chennai



Session I - 12.15 p.m. - 1.15 p.m.

Topic: The Harsh Realities of Climate Change

Resource Person: Prof. Dr. Azwinndini Muronga

Executive Dean of Science

Nelson Mandela University, South Africa



Session II - 2.15 p.m. - 3.30 p.m.

**Topic: Climate Change and Energy Options
for Sustainable Future**

Resource Person: Dr. Dinesh Kumar Srivastava

Homi Bhabha Chair Professor

National Institute of Advanced Studies

Indian Institute of Advanced Studies Campus Bengaluru, India



Day 2 : 4th March, 2022

Session III - 9.00 a.m. - 10.00 a.m.

Topic: Climate Change and Food Security Solution

Resource Person: Dr. Desigan Kumaran

Structural Biologist, Biology Department

Brookhaven National Laboratory

Upton, New York 11973, USA



Session IV - 5.00 p.m. - 6.00 p.m.

**Topic: Algal Bio-refinery: Promising Approach
for Minimizing Carbon FootPrint**

Resource Person: Prof. Dr. Sanjeet Mehariya

Department of Chemistry

KBC-huset (KBC)

Linnaeus väg 10

Umeå University, 901 87 Umeå, Sweden



Valedictory Address - 6.00 p.m.

Dr. Nambi Appadurai

Director

Climate Resilience Practice

WRI, India



ORGANISING COMMITTEE

Patron

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Principal

Convenor

Dr. M. Glory

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Overall Coordinator & Member Secretary

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Assistant Professor of Botany

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Assistant Professor of Botany

Dr. P. Hermalin

Assistant Professor of Botany

Ms. A. Selvaanathi

Assistant Professor of Botany



ALL ARE CORDIALLY
INVITED



MARIAN STAR SCIENCE EXPO '22

Organized by

MARIAN STAR CENTRE

St. Mary's College (Autonomous)

(RE-ACCREDITED WITH 'A+' GRADE BY NAAC)

Thoothukudi

Sponsored by



सत्यमेव जयते

Department of Biotechnology
Govt. of India, New Delhi



**FUN &
GAMES**

*Imagine Discover
Explore Create*

Date : 10.3.2022 & 11.3.2022

Visiting hours : 10.00 a.m. - 3.00 p.m.

in the august presence of

Mr. K. Balathandayuthapani M.Sc., B.Ed., M.Phil.,

Chief Educational Officer, Thoothukudi District

Rev. Sr. Flora Mary

Secretary, St.Mary's College (Autonomous)

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

Principal, St.Mary's College (Autonomous)

**(Exclusively for
School Students from
Class 6 to 12)**



TRAINING PROGRAMME ON SPARROW CONSERVATION

12th March 2022

UNDER STAR COLLEGE SCHEME

2021 - 2022



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

Time: 12.00 noon

Venue: Star Hall

World Sparrow Day



- Awareness Talk
- Making of Sparrow Nest Box and Feeders
- Installation of Nest Box

Resource Person

*Er. N.Dhanasekar B.E., M.B.A.
Founder
Chittukuruvigal Arakkattalai
Coimbatore*

Patron

Rev. Sr. Flora Mary, Secretary

Chairman

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

**Overall Coordinator
and Member Secretary**

Dr. Sr. Arokiya Jenecius Alphonse
Assistant Professor of Botany

Convener

Dr. Hermin Pasangha
Head and Associate Professor of Zoology

**Department
Coordinator**

Dr. Jemma Hermelin Jesy Diaz,
Assistant Professor of Zoology

Organising Committee

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Dr. P. J. Joslin, Associate Professor of Zoology

Dr. S. Mary Baptista Janet, Associate Professor of Zoology

Dr. C. Shibana, Assistant Professor of Zoology

Dr. S.R.T. Sherly Cross, Assistant Professor of Zoology

Dr. S. Selvi, Assistant Professor of Zoology

Dr. R. Sri Priya, Assistant Professor of Zoology

Dr. M. Paripooranaselvi, Assistant Professor of Zoology

Dr. P. Subavathy, Assistant Professor of Zoology

Participants: School and College Students.

E-Certificates will be provided.



FIVE DAYS INTERNATIONAL FDP ON

**BIOTECHNOLOGICAL INNOVATIONS IN
HEALTH CARE**

UNDER DBT STAR COLLEGE SCHEME 2021 - 2022



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

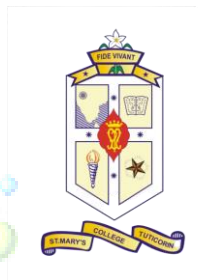
MARCH 14 – 18, 2022

**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.



About the College

St. Mary's College (Autonomous), a catholic institution of higher education for women founded in 1948, plays a significant role in shaping the destiny of innumerable young coastal women in and around Thoothukudi. With a proud legacy of 73 years, the college has excelled in every discipline keeping in pace with the global trends in the academia. The college, affiliated to Manonmaniam Sundaranar University, Tirunelveli, offers graduate, post-graduate, M.Phil., and Ph.D., programmes in various disciplines and has attained Autonomous Status in the year 2009. Recognizing the great potential within the campus, the NAAC has reaccredited the institution with 'A+' grade in its fourth cycle. A holistic education with an overall personality development is ensured by involving students in academic, curricular and co-curricular activities. The motto of the college is FIDE VIVANT (Live by Faith).

About DBT STAR College Scheme

Star College Scheme has been initiated by the Department of Biotechnology (DBT) in 2008 to support colleges and universities offering undergraduate education to improve science teaching across the country. DBT identifies colleges with ambition and potential for excellence and provides academic and physical infrastructure for achieving excellence in teaching and unique exposure of students to experimental science. Department has supported around 200 undergraduate colleges across the country in the past 9 years. Star College scheme was sanctioned in March 2019. Four departments of the college namely Physics, Chemistry, Botany and Zoology have been recommended by the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India, New Delhi, to receive financial assistance under the Star College Scheme.

About the FDP

This Faculty Development Programme aims to equip the faculty on the recent trends in health care management. Good health is central to human happiness and well-being which contributes significantly to prosperity and wealth. Biotechnology tools and techniques open new avenues for diagnosis and therapeutics. It throws light on how healthy bodies work, and what goes wrong during altered health conditions. Understanding the molecular basis of health and disease has clinical implications to revolutionize new therapeutic approaches for the treatment and prevention of diseases. In this FDP, a diverse panel of health experts provides insight into biotechnological applications in health care management.

PROGRAMME

Day 1: 14.03.2022– 5.00 p.m.

Inauguration

**Welcome Address: Dr. Hermin Pasangha,
Head and Associate Professor of Zoology**

**Inaugural Address: Rev. Dr. Sr. A.S.J. Lucia Rose, Principal,
St. Mary's College (Autonomous), Thoothukudi**

Session I – 5.15 p.m. – 6.15 p.m.

Topic: Stem Cell Therapy for Ocular Surface Reconstruction

Resource Person: Dr. Gowri Priya Chidambaranathan,



**Scientist,
Department of Immunology and Stem Cell Biology,
Aravind Medical Research Foundation,
Madurai, Tamil Nadu, India**

Day 2: 15.03.2022 Session II – 4.30 p.m. – 5.30 p.m.

Topic: Molecular Diagnostic Methods and its Applications in Hereditary Eye Diseases

Resource Person: Dr. J. Nallathambi,



**Senior Scientist,
Molecular Signalling and Gene Therapy,
GROW Laboratory Narayana Nethralaya Foundation,
Narayana Health City, Bangalore**

Day 3: 16.03.2022 Session III – 5.00 p.m. – 6.00 p.m.

Topic: We Perceive What We Conceive - Biotechnology in Health Care.

Resource Person: Ms. S. Hemalakshmi,

**Project Manager,
Gulf International Cancer Centre,
Abu Dhabi**



Day 4: 17.03.2022 Session IV – 5.00 p.m. – 6.00 p.m.

Topic: Healthy Aging

**Resource Person: Dr. Kousalya Nathan,
Anti-aging Consultant,
Apollo Hospitals, Chennai**



Day 5: 18.03.2022 Session V – 5.00 p.m. – 6.00 p.m.

Topic: Overview of ASD Using Syngap1 as a Model

**Resource Person: Dr. James Premdoss Clement,
Associate Professor,
Jawaharlal Nehru Centre for Advanced Scientific Research,
Bangalore, India**



ORGANIZING COMMITTEE

Patron

**Rev. Sr. Flora Mary, Secretary,
St. Mary's College (Autonomous), Thoothukudi**

Chairman

**Rev. Dr. Sr. A.S.J. Lucia Rose, Principal,
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**Overall
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Dr. S. Selvi, Assistant Professor of Zoology

Dr. R. Sri Priya, Assistant Professor of Zoology

Dr. M. Paripooranaselvi, Assistant Professor of Zoology

Dr. P. Subavathy, Assistant Professor of Zoology

For FREE Registration

**CLICK
HERE**

Link to Technical Session will be sent to the registered participants by e-mail.

E - certificates will be provided



In-service Training Programme for School Teachers

(Exclusively for Higher Secondary Teachers)

Organized by

MARIAN STAR CENTRE

St. Mary's College (Autonomous)

(RE-ACCREDITED WITH 'A +' GRADE BY NAAC)

Thoothukudi

Sponsored by



सत्यमेव जयते

**Department of Biotechnology
Govt. of India, New Delhi**

Date : 23.3.2022 to 25.3.2022

Time : 9.30 a.m. to 3.30 p.m.

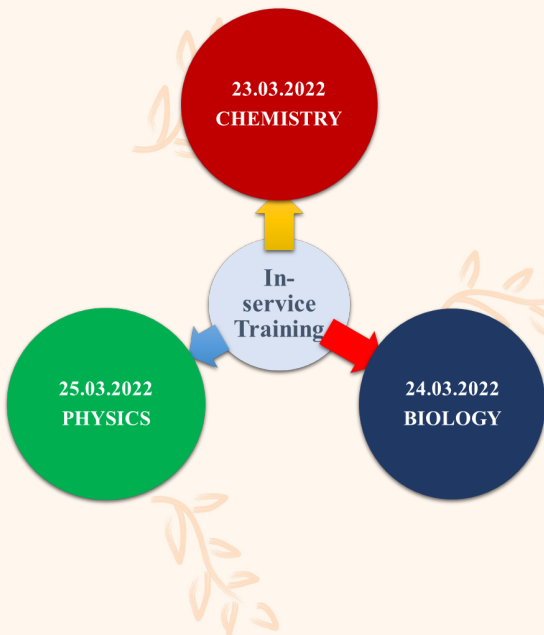
Patron

**Rev. Sr. Flora Mary
Secretary**

Chair Person

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

Schedule for In-service Training Programme



Note:

- Teachers of the particular discipline will attend the In-Service training on the day of allotment for their subject
- Lunch and Refreshment will be provided

St. Mary's College (Autonomous), Thoothukudi

(Re-accredited with 'A+' grade by NAAC)



Integrated Educational Partnership

Between

Marian and Xaverian



Inauguration Ceremony of

Caussanel Science Club

Under DBT STAR College Scheme
(2021 - 2022)

Organized by

PG and Research Department of Botany

St. Mary's College (Autonomous), Thoothukudi



सत्यमेव जयते

Sponsored by

**Department of Biotechnology
Ministry of Science and Technology
New Delhi**

Date: 11.04.2022
Time: 2.00 P.M.

Venue : St. Francis Xavier School
Place : Thoothukudi

Programme

Prayer song

Welcome address:

Dr. A. Jacintha Tamil Malar

Assistant Professor of Botany

St. Mary's College (Autonomous), Thoothukudi

Felicitation:

Rev. Bro. Arockiadoss

Principal

St. Francis Xavier Hr. Sec. School

Folk dance

Talk: "Biodiversity and its Conservation" by

Dr. Beulah Jerlin. S

Assistant Professor of Botany

St. Mary's College (Autonomous), Thoothukudi

Competition:

Thirukuralil Ariviyal

Twin partner

Identify the plants

Science song

Feedback

Vote of thanks

Best wishes from

Rev. Sr. Flora Mary

Secretary

St. Mary's College (Autonomous)

Thoothukudi

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

Principal

St. Mary's College (Autonomous)

Thoothukudi

Rev. Fr. Dr Arockiasamy SJ

Superior

Rev. Fr. K A Augustine SJ

Correspondent

St. Francis Xavier Hr. Sec. School

Thoothukudi

Rev. Bro. Arockiadoss SJ

Principal

St. Francis Xavier Hr. Sec. School

Thoothukudi

Organizing Committee

Dr. M. Glory

Head and Associate Professor of Botany

St. Mary's College (Autonomous)

Thoothukudi

Dr. Sr. A. Arockia Jenecius Alphonse

Overall Coordinator & Member Secretary

DBT STAR College Scheme

Assistant Professor of Botany

St. Mary's College (Autonomous)

Thoothukudi

Faculty Members Department of Botany

St. Mary's College (Autonomous)

Thoothukudi

Science Teachers

St. Francis Xavier Hr. Sec. School

Thoothukudi

All are Cordially Invited



St. Mary's College (Autonomous)

Re- Accredited with 'A' Grade by NAAC (4th Cycle)



Department of Chemistry

Organizes

Science club at St. Joseph's Girls Higher Secondary School, Cruzpuram

under Star College scheme



सत्यमेव जयते

Resource Person

Sr. Kaspar

Head Mistress

**St. Joseph's Girls Higher Secondary School,
Cruzpuram, Thoothukudi.**

23rd April 2022

Best wishes from

Rev. Dr. Sr. C. Shibana

Secretary

Rev. Dr. Sr. Jessie Fernando

Principal

Rev. Dr. Sr. M. S. Ezhilarasi

Deputy Principal

Rev. Sr. Josephine Jeyarani

Director, SSC

Convenor

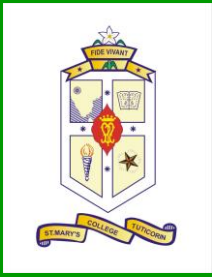
Rev. Dr. Sr. A. Arockia Jenecius

Alphonse

Head & Associate Professor of

Botany

**Faculty Members Department of
Chemistry**



**ST. MARY'S COLLEGE (AUTONOMOUS),
THOOTHUKUDI**

(Re-Accredited with A⁺ Grade by NAAC)



PG and Research Department of Zoology

Organizes

Association Meeting

on

**MOLLUSCAN FISHERIES AND AQUACULTURE IN
INDIA: PROGRESS, PROBLEMS AND PROSPECTS**

RESOURCE PERSON:

M. KAVITHA, M.F.Sc., ARS

Scientist

Shellfish Fisheries Division

Tuticorin Regional Station

**ICAR-Central Marine Fisheries
Research Institute**

Tuticorin



DATE: 30.08.2022

TIME: 2.00 p.m.

VENUE: STAR HALL

WITH BEST WISHES FROM

Dr. Sr. C. Shibana

Secretary

Dr. N. Arokiya Mary

Head, Department of Zoology

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

Principal

Dr. P. J. Joslin

Associate Professor

Dr. Sr. S. Kulandai Therese

Deputy Principal

Dr. P. Subavathy

Assistant Professor

Organizing Secretaries, Department of Zoology



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Head & Associate Professor

PG & Research Department of Zoology
St.Mary's College (Autonomous)
Thoothukudi

Program Co-Ordinator

Rev. Dr. Sr. Arockia Jenecius Alphonse

Overall Co-ordinator & Member Secretary

DBT Star College Scheme

Assistant Professor, Department of Botany
St.Mary's College (Autonomous)
Thoothukudi

Department Co-Ordinator

Dr. Jemma Hermelin Jesy Diaz

Assistant Professor

PG & Research Department of Zoology
St.Mary's College (Autonomous)
Thoothukudi

ORGANISING COMMITTEE MEMBERS

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Associate Professor

Dr. P.J. Joslin

Associate Professor

Dr. S. Mary Baptista Janet

Associate Professor

Dr. S.R.T. Sherley Cross

Assistant Professor

Dr. S. Selvi

Assistant Professor

Dr. R. Sri Priya

Assistant Professor

Dr. M. Paripooranaselvi

Assistant Professor

Dr. P. Subavathy

Assistant Professor



Faculty Development Programme on Biotechnology Today and Tomorrow : Innovations and Implications

**UNDER STAR COLLEGE SCHEME
2022**

Sponsored By



DEPARTMENT OF BIOTECHNOLOGY
GOVT.OF INDIA, NEW DELHI

01 - 09 - 2022 to 05 - 09 - 2022



Organized by

Marian Star Centre

Department of Zoology

St. Mary's College (Autonomous)

(Re-accredited by NAAC with 'A+' Grade)

Thoothukudi - 628001.

Tamil Nadu, India

Registration Link

<https://forms.gle/8Kr1V6RZJMqhwFdD8>

Whatsapp link

<https://chat.whatsapp.com/LJBBvqJoUTP71xkxaFgGof>



About the college

St. Mary's college (Autonomous), a catholic institution of higher education for women founded in 1948, plays a significant role in shaping the destiny of innumerable young coastal women in and around Thoothukudi. With a proud legacy of 75 years, the college has excelled in every discipline keeping in pace with the global trends in the academia. The college, affiliated to Manonmaniam Sundaranar University, Tirunelveli, offers graduate, post-graduate, M.Phil., and Ph.D., programmes in various disciplines and has attained Autonomous Status in the year 2009. Recognizing the great potential within the campus, the NAAC has reaccredited the institution with 'A+' grade in its fourth cycle. A holistic education with an overall personality development is ensured by involving students in academic, curricular and co-curricular activities. The motto of the college is FIDE VIVANT (Live by Faith).

About DBT STAR College Scheme

Star College Scheme has been initiated by Department of Biotechnology (DBT) in 2008 to support colleges and universities offering undergraduate education to improve science teaching across the country. DBT identifies colleges with ambition and potential for excellence and provide academic and physical infrastructure for achieving excellence in teaching and unique exposure of students to experimental science. Department has supported around 200 undergraduate colleges across the country in the past 9 years. Star College scheme was sanctioned in March 2019.

Four departments of the college namely Physics, Chemistry, Botany and Zoology have been recommended by the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India, New Delhi, to receive financial assistance under the Star College Scheme.

About the FDP

'Biotechnology is nothing short of a revolution across different fields of science'. This Faculty Development Programme aims to inspire the faculty on the far-reaching myriad applications which impinge on every aspect of human existence. Biotechnology is advancing by leaps and bounds and exploration of this exciting field amazes us with its innovations. Today's progress in biotechnology has a greater potential to be the basis of subsequent innovations. The world of biotechnology is spinning faster and faster and harnessing the power of technology and rewriting the blueprints of life play a crucial role in society's present and future. In this FDP, a panel of eminent resource persons provides insight into the promises of biotechnology for improved quality of life, termination of hunger, alleviation of sufferings, diseases expunged and many untold possibilities.

Programme Schedule

Invited Lectures Timing : 5.00p.m - 7.00 p.m

01 - 09 - 2022

Dr. M. Bavanilatha

Associate Professor
Department of Biotechnology
School of Bio and Chemical Engineering
Sathyabama Institute of Science and Technology
Chennai.



Topic : **Biotechnological Innovations in Controlling Diseases**

02 - 09 - 2022

Dr. S. Umamaheswari

Professor
Department of Biotechnology
M.S. University, Tirunelveli



Topic : **Earthworms in Biotechnology**

03 - 09 - 2022

Dr. M.Kirupa Sankar

Assistant Professor (Selection Grade)
Bioprocess and Bio-products
Special Laboratory
Department of Biotechnology
Bannari Amman Institute of Technology
Sathyamangalam, Erode.



Topic : **Role of Biotechnology in Addressing Future Energy Demand and Creating Sustainable Circular Bioeconomy**

04 - 09 - 2022

Dr. Karthika Pushparaj

Assistant Professor of Zoology
School of BioSciences
Avinashilingam Institute for
Home Science and Higher Education
for Women, Coimbatore



Topic : **Rationale of Interdisciplinary Sciences – Tangible Cues of Sustainable Development in The Field of Biotechnology**

05 - 09 - 2022

Dr. S.Sudhakar

Professor
Department of Biotechnology
M.S. University, Tirunelveli
Topic : **Mechanism of Ageing**





THREE DAYS LECTURE CUM TRAINING ON PHYSICS BASED COMPUTER LITERACY



UNDER STAR SCHEME

2021 – 2022

Sponsored by



सत्यमेव जयते

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:

Mr. B. VEERABAHU

Managing Director,

Veera Computer Education,

Puthiamputhur, Thoothukudi.

Date: 07.09.2022 - 09.09.2022

Venue: Physics Laboratory

Time: 08:30 a.m. to 1:30 p.m.

ORGANIZING COMMITTEE

Patron

Dr. Sr. C. Shibana

Secretary, St. Mary's College (Autonomous), Thoothukudi

Chairman

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

Principal, St. Mary's College (Autonomous), Thoothukudi

Convenor

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

Executive Members

Dr. S. Euchrista Immaculate Sylvia, Associate Professor of Physics

Ms. A. Lucas Rexceline, Associate Professor of Physics

Dr. M. Sheeba, Assistant Professor of Physics

Ms. P. Dhanalakshmi, Assistant Professor of Physics

Ms. A. Valentina, Assistant Professor of Physics

For any queries

Mail id: stmphy2012@gmail.com

smcstardbt2021@gmail.com



St. Mary's College (Autonomous)

Re- Accredited with 'A' Grade by NAAC (4 Cycle)

Affiliated to Manonmaniam Sundaranar University

Thoothukudi - 628 001



DEPARTMENT OF BOTANY

organizes

NATIONAL WEBINAR

ON

"RECENT TRENDS IN MICROBIAL TECHNOLOGY"

under Star College scheme

Sponsored by



DBT, Govt. of India
New Delhi

08.09.2022

venue: Conference Hall Time: 9.00 a.m. to 1.30 p.m.

PROGRAMME SCHEDULE

SESSION I : "INTERACTION OF ENDOPHYTIC MYCORRHIZAE AMONG GRASS ROOTS"

DR. P. RAVICHANDRAN
PROFESSOR AND HEAD, DEPARTMENT OF PLANT SCIENCE,
MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI

SESSION II : "RECENT TRENDS IN MICROBIAL FERMENTATION TECHNOLOGIES"

DR. T. C. K. SUGITHA,
ASSISTANT PROFESSOR (SENIOR SCALE),
SCHOOL OF AGRICULTURE AND BIOSCIENCES,
KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES, COIMBATORE

SESSION III : "SUCCESS STORIES OF CARDAMOM MOSAIC VIRUSES"

DDR. T. JEBASINGH,
ASSISTANT PROFESSOR,
SCHOOL OF BIOLOGICAL SCIENCES,
MADURAI KAMARAJ UNIVERSITY,
MADURAI

Best wishes from



Patron
Rev. Sr. Dr. C. Shibana
Secretary



Chairman
Rev. Sr. Dr. Jessie Fernando
Principal



Rev. Sr. Dr. Ezhilarasi
Deputy Principal



Rev. Sr. Josephine Jeyarani
Director, SSC



CONVENORS

Dr. Sr. Arockia Jenecius Alphonse
Overall Co-ordinator & Member
Secretary
Star College Scheme
Head & Associate Professor of Botany



ORGANIZERS

DEPARTMENT OF BOTANY

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DR. S. BEULAH JERLIN

DR. E. DAFFODIL D ALMEIDA

DR.F. DAYANA LOBO

DR. B. MARIA SUMATHI

MS. S. PAULINE JENIFER

DR. R. MARY SANTHI

DR. P. HERMALIN



INVITED LECTURE
ON
"WONDERS OF THE MICROBIAL WORLD"
8th SEPTEMBER 2022

**UNDER STAR COLLEGE SCHEME
2021-2022**



Sponsored by Department of Biotechnology
Ministry of Science & Technology, Govt. of India, New Delhi



Organized by
Marian Star Centre Department of Zoology
St. Mary's College (Autonomous),
(Reaccredited with 'A+' Grade by NAAC)
Thoothukudi, Tamil Nadu



Resource Person

Dr. L. SHAKILA

Assistant Professor

PG and Research Department of Zoology

Ethiraj College for Women

Chennai, Tamil Nadu, India

Time: 4.30 - 5.30 PM

ORGANIZING COMMITTEE

Patron

Rev. Dr.Sr.C.Shibana

Secretary, St.Mary's College (Autonomous), Thoothukudi

Chairman

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

Principal, St.Mary's College (Autonomous), Thoothukudi

Convenor

Dr. N. Arokiya Mary

Head and Associate Professor Department of Zoology

Overall Coordinator & Member Secretary

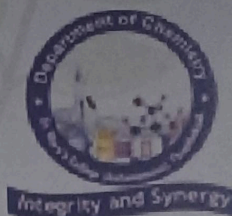
Rev. Dr. Sr. Arockia Jenecius Alphonse

*Assistant Professor of Botany, St.Mary's College
(Autonomous), Thoothukudi*

Department Coordinator

Dr. Jemma Hermelin Jesy Diaz

Assistant Professor of Zoology



**Online Invited Talk
on
"Nature Inspired Technology"**

08.09.2022

**Under STAR College Scheme
2021-2022**



सत्यमेव जयते

**Sponsored by
Department of Biotechnology,
Ministry of Science & Technology,
New Delhi.**

**Organized by
MARIAN STAR CENTRE
Department of Chemistry
St. Mary's College (Autonomous)
(RE-ACCREDITED WITH 'A+' GRADE BY NAAC)
Thoothukudi**

Resource Person

Time: 6.00 p.m.



**Dr. K. Jeyasubramanian,
Senior Professor & Head,
Department of Chemistry,
Mepco Schlenk Engineering College,
Sivakasi, Tamilnadu**



ST. MARY'S COLLEGE (AUTONOMOUS)
(Re-accredited with 'A+' Grade by NAAC)

Thoothukudi, Tamil Nadu

Department of Botany
Organises

Invited Lecture on

Plate Tectonics and Continental Drifts

9th September, 2022

UNDER STAR COLLEGE SCHEME

2022-2023

Sponsored by

Department of Biotechnology

Ministry of Science and Technology,

Government of India, New Delhi

Resource Person

Dr. S. Selvam

Assistant Professor in Geology

V.O. Chidambaram College

Thoothukudi



सत्यमेव जयते

Venue: Botany Lecture Hall

Time: 10.00 a.m.

Best wishes from

Rev. Sr. Dr. C. Shibana

Secretary

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

Principal

Rev. Sr. Dr. Kulandai Therese

Deputy Principal

Rev. Sr. Josephine Jeyarani

Director, SSC

Over all Co Ordinator

Rev. Dr. Sr. Arockia Jenecius Alphonse

Convener

Dr. M. Glory

Head & Associate Professor of Botany

Co-Ordinators

Dr. G. Flora

Ms. S. Pauline Jenifer

Organisers

Dr. A. Jacintha Tamil Malar,

Dr. S. Beulah Jerlin, Dr. E. Daffodil D

Almeida, Dr. F. Dayana Lobo, Dr. B. Maria

Sumathi Dr. R. Mary Santhi

Dr. P. Hermalin