

### Executive Committee

- **His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos**  
Patron & Manager
- **Dr. Meera George**, Principal, Mar Ivanios College (Autonomous)
- **Rev. Fr. Thomas Kayyalackal**, Bursar, Mar Ivanios College (Autonomous)
- **Rev. Fr. Vincy Varghese**, Vice Principal, Mar Ivanios College (Autonomous)
- **Dr. Reny Skaria**, Vice Principal, Mar Ivanios College (Autonomous)
- **Rev. Dr. Gigi Thomas**, Dean of Studies, Mar Ivanios College (Autonomous)

### Advisory Committee

#### Prof. Sabu Thomas

Former Vice Chancellor, MG University, Kottayam

#### Prof. Suresh Das

Former Ex. Vice President, KSCSTE &  
Honorary Professor (Chemistry), IISER, Thiruvananthapuram

#### Prof. Kuruvilla Joseph

Outstanding Professor, Registrar & Dean (Academics)  
IIST, Thiruvananthapuram

#### Prof. T. S. Anirudhan

Professor, Department of Chemistry  
University of Kerala, Thiruvananthapuram

#### Prof. Vinesh Vijayan

Professor (Chemistry), IISER, Thiruvananthapuram

### Organizing Committee

#### Dr. Suju C. Joseph

Coordinator & Head, Dept. of Chemistry  
# 9633078868

#### Dr. Sonia Mol Joseph

Convener, # 9895386671

#### Dr. Jinu M. John

Co-convener, # 9495912519

Dr. Suja Mathai | Dr. R. Selwin Joseyphus

Dr. Sajith Kurian | Dr. Binimol Mary Mathew | Dr. Rabin Rajan J.M.

Dr. Jiffin Sam | Dr. Priyanka V.P

## INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN SMART MATERIALS & MOLECULAR IMAGING (ICRASM&MI-2025)



Organized by

**PG & Research Department of Chemistry**  
**MAR IVANIOS COLLEGE (AUTONOMOUS)**  
Mar Ivanios Vidya Nagar, Nalanchira P.O.  
Trivandrum 695015, Kerala



*Celebrating the 75<sup>th</sup> Anniversary and the Prestigious  
NAAC A\*\* Grade (Fifth Cycle) of the College*

**21<sup>st</sup> March, 2025**  
**Venue: Chemistry Seminar Hall**

## PG and Research Department of Chemistry

The Department of Chemistry, established in 1957 was elevated to a Post Graduate Department in 1964. The research centre in Chemistry was established in the College in 1976, to promote research interests, both among the students and the teachers of the Department. Currently, offers Four Year Undergraduate Programme, B.Sc, M.Sc courses and research programmes. From its inception, the Department has striven to set high standards of teaching and learning. The Department has produced several nationally and internationally renowned scientists and professors who hold positions of high esteem. The Department provides consultancy services to IGNOU and undertakes projects from various industries.

## International Conference ICRASM&MI-2025

This year we are pleased to announce an **International Conference on Recent Advances in Smart Materials and Molecular Imaging (ICSM&MI-2025)** on 21<sup>st</sup> March, 2025. This conference will serve as a platform for gaining knowledge in the emerging fields of smart materials research and molecular imaging techniques. The conference mainly focuses on three molecular imaging technologies; optical imaging, magnetic resonance imaging and nuclear imaging used for the understanding of disease biomarkers, drug development or monitoring therapeutic benefits. Molecular Imaging and its applications [PET, SPECT, MRI] in diagnosing and monitoring cardiovascular diseases will be discussed in the conference.

» No registration fee for participants.

» Certificate will be issued for all registered participants.

## Programme

9.30 am - 10.30 am : **Inauguration**

10.30 am - 11.30 am : **Plenary Lecture on Nanobioconjugates for Molecular, Cellular and In Vivo Imaging**

Resource person : **Prof. Biju Vasudevan Pillai**  
Professor, Graduate School  
of Environmental Science  
RIES, Hokkaido University, Japan



11.30 am - 11.45 am : **Tea Break**

11.45 am - 12.45 pm : **Nobel Prize in Chemistry 2024  
Lecture on Computational  
Protein design, Structure prediction and Imaging**

Resource person : **Dr. Zeena S. Pillai**  
Professor, School of Physical Sciences  
Amritapuri Campus,  
Amrita University, Kollam



12.45 pm - 1.30 pm : **Lunch Break**

1.30 pm - 3.00 pm : **Invited Lecture on Fluorescent Probes  
for Cellular Imaging and Theranostic Applications**

Resource person : **Dr. Joshy Joseph**  
Senior Principal Scientist  
CSIR-National Institute for  
Interdisciplinary Science and  
Technology (NIIST),  
Thiruvananthapuram



3.00 pm - 3.30 pm : **Participants evaluation and feedback**

3.30 pm - 4.00 pm : **Valedictory Session**