



St. Joseph's College (Autonomous), Tiruchirappalli

Accredited at A++ (Cycle IV) by NAAC, Special Heritage Status Awarded by UGC

College with Potential for Excellence by UGC,

DBT – STAR & DST – FIST Sponsored College, 25th Rank in NIRF 2025

Tiruchirappalli – 620 002, Tamil Nadu, India

DEPARTMENT OF CHEMISTRY

Organizes

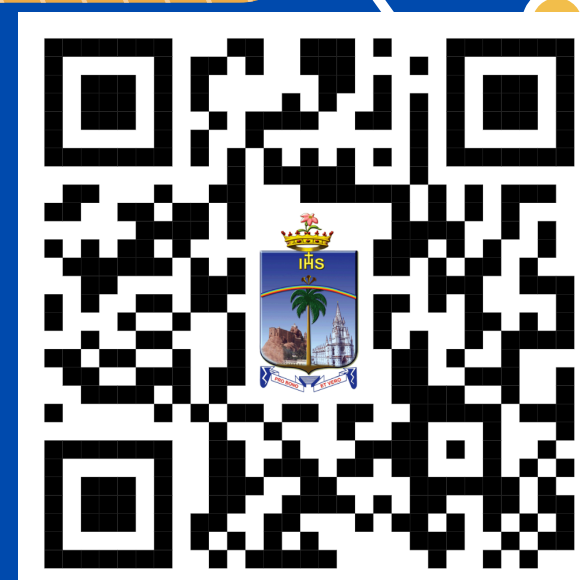
A Six-Day Online

Faculty Development Program On

**Smart Chemistry for a Smart
Generation (A Gen Z Perspective)**

15-20th DECEMBER 2025

**6:00-7:00 pm
Via Google Meet**



[https://service.sjctni.edu/Seminar/25/index.php?
programcode=CH08134010](https://service.sjctni.edu/Seminar/25/index.php?programcode=CH08134010)

Pay & Register Here

Who can attend?

Faculty Members

Research Scholars

PG Students

Rs.500/-

Patrons

Rev.Dr.Pavulraj Michael SJ

Rector

Rev.Dr.M.Arockiasamy Xavier SJ

Secretary

Rev.Dr. S. Mariadoss SJ

Principal

Convenor

Dr. S. Denis Arockiaraj

Head of the Department

Organizing Secretaries

Dr. I. Arockiaraj

Dr. JK. Alphonsa Juliet Helina

All are invited !



RESOURCE PERSONS



Dr. Aswin Kumar Ilango, Ph.D.

Research Scientist, Science, and Engineering
University at Albany, State University of New York

"Forever Chemicals" in Water and Soil: Challenges and
Sustainable Remediation Approaches

DAY-1

Dr. Shikha Baskar

Associate Dean, School of Allied Sciences Dev Bhoomi
Uttarakhand University, Dehradun, Uttarakhand

Smart Chemistry and Materials 4.0



DAY-2



Dr. Umamaheswari Rajaji

Research Professor, Research Center for Intelligent Medical
Devices, Ming Chi University of Technology, Taipei, Taiwan

Trending Smart Topics in Chemistry of Lateral Flow Assay (LFA) Test :
A Widely Used Rapid Diagnostic Technology Towards POCT

DAY-3

Dr. Raja Sebastian

Adjunct Professor, Faculty of Chemistry, Silesian University
of Technology, Poland

Photoactive organic materials for advanced applications



DAY-4



Dr. Suju C. Joseph

Associate Professor of Chemistry & Co-ordinator,
IGNOU Study Centre, Mar Ivanios College (Autonomous),
Trivandrum

The Significance of Chirality in Modern Drug Discovery

DAY-5

Dr Dijo Damien

Assistant Professor, Dept. Of Chemistry, Christ College
(Autonomous), Irinjalakuda, Thrissur, Kerala

"From a Battery Science Viewpoint: Should You
Transition to an Electric Vehicle?"



DAY-6