



HOLY CROSS COLLEGE (Autonomous)

**Accredited with A++ Grade (CGPA 3.53 - V cycle) by NAAC
(Affiliated to Manonmaniam Sundaranar University)**

Nagercoil - 629 004, Tamil Nadu

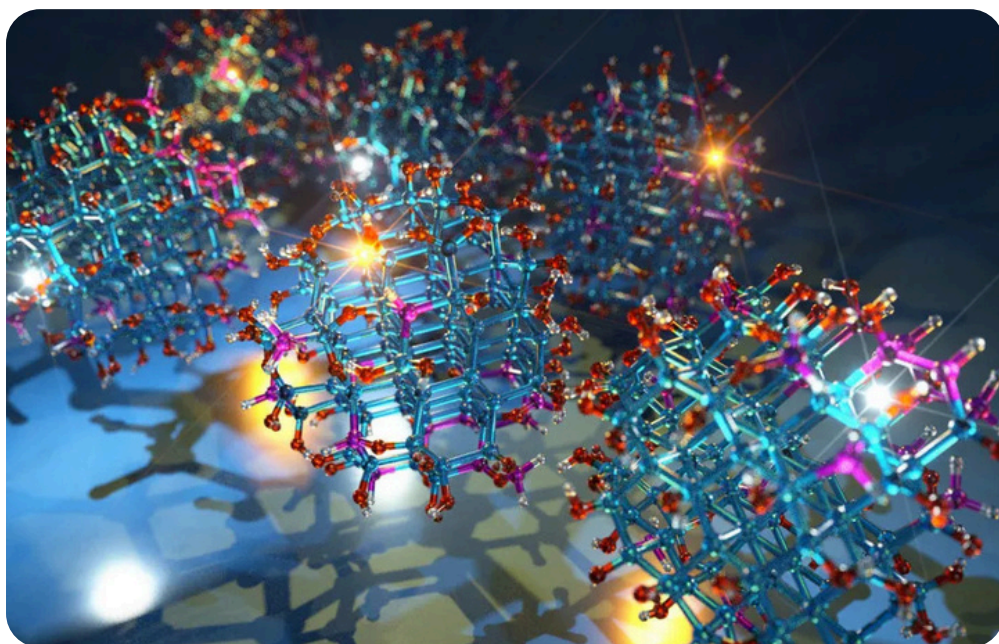
An ISO 9001:2015 Certified Institution



INTERNATIONAL CONFERENCE

On

**"NEXT-GENERATION THERAPEUTICS: SMART MATERIALS,
CHEMOSENSORS AND METAL-BASED DRUGS"**



Organized by

PG & Research Department of Chemistry

Date: 13-03-2025

Time: 9:00 a.m - 3:15 p.m

Venue: St. Joseph's Hall

Patron

Dr. Sr. M. Mary Gilda

Secretary, Holy Cross College, Nagercoil

Chair Person

Dr. Sr. S. Sahayaselvi

Principal, Holy Cross College, Nagercoil

Convener

Dr. M. Anitha Malbi

Head of the Department of Chemistry

Organizing Secretaries

Dr. Sr. K. Francy

Assistant Professor of Chemistry

&

Dr. Y. Christabel Shaji

Assistant Professor of Chemistry

Organizing Committee

Dr. R. Gladis Latha

Dr. S. Ajith Sinthuja

Dr. L. Deva Vijila

Dr. Sheeba Daniel

Dr. S. Lizy Roselet

Dr. M. Shirley Treasa

Dr. B.T. Delma

Dr. M. Antilin Princela

Registration Fee

Students: Rs. 250/-

Research Scholars : Rs. 350/-

Faculty & Industrialist : Rs. 500/-

Registration fee include conference kit, lunch and refreshments

**Participation and attendance certificates will be provided only
to the registered participants who attend all the sessions. For
further updates, please visit the college website.**

<https://www.holycrossnagl.edu.in>

Contact details

Mobile No: 9080024245; 9791358101

About Holy Cross College

Holy Cross College (Autonomous), Nagercoil, affiliated to Manonmaniam Sundaranar University is the first women's college in Kanyakumari District established in 1965 and administered by the Congregation of the Sisters of the Cross of Chavanod. The college has conferred autonomous status since 2007 and has been accredited with 'A++' grade by NAAC (V cycle) with CGPA 3.53, signifying its commitment to academic excellence, research, and innovation. Imbibing the spirit of the Holy Cross, the institution envisions a harmonious society by empowering young women for global competency and ecological sustainability through a holistic approach with innovative skills. The college aims at total liberation and development of the whole personality of the students in order to take their right place and responsibility in society.

About the Department of Chemistry

The U.G Department dawned in the year 1966 and from its inception the department has shown remarkable achievements in academic, co-curricular and extra-curricular activities. The P.G program was started in the year 2012 and the department was upgraded as Research Department in 2017. The thrust areas of research in the department are Polymer Chemistry, Environmental Chemistry, Nano Chemistry, Photochemistry, Bioinorganic Chemistry and Supramolecular Chemistry. The main objective of our department is to promote academic skills, research aptitude, scientific knowledge and guidance to the budding chemists to make them well equipped to face the society.

About the Conference

The International Conference on "Next-Generation Therapeutics: Smart Materials, Chemosensors, and Metal-Based Drugs" aims to bring together the researchers, academicians, and industry professionals to explore the latest advancements in therapeutic science. This conference serves as a platform for discussing emerging trends in smart materials, chemosensors, and metal-based drugs, which play a crucial role in modern healthcare, diagnostics, and drug development. By fostering interdisciplinary collaboration and knowledge exchange, this conference aspires to inspire new scientific breakthroughs and contribute to the development of next-generation therapeutic strategies that enhance human health and well-being.

Resource Persons

Session I : 9:30 a.m - 11:00 a.m



Dr. R. Ramesh
Professor and Coordinator
Centre for Organometallic Chemistry
Bharathidasan University
Tiruchirappalli.

Topic: Metal Based Drugs: From Serendipity to Design

Session II : 11:30 a.m - 1:00 p.m



Dr. A. DENNYSON SAVARIRAJ
Assistant Professor
Dongguk University
South Korea.

Topic: Smart Contact Lenses for Ocular Theranostics

Session III : 1:45 p.m - 3:15 p.m



Dr. V. STALIN ELANCHEZHIAN
Assistant Professor
Department of Chemistry
S.T. Hindu College
Nagercoil.

Topic: Multi-Signaling Chemosensor Molecules: Integrating DFT Calculations and Applications in Molecular Logic Gates