



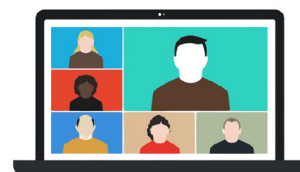
SACRED
HEART
COLLEGE
Autonomous



100 YEARS OF
2020
MACRO
MOLECULAR CHEMISTRY



PROF. K V THOMAS ENDOWMENT



INTERNATIONAL E-CONFERENCE ON
NEW TRENDS IN APPLIED CHEMISTRY
(NTAC-2020)

DECEMBER 17-20, 2020
DEPARTMENT OF CHEMISTRY
SACRED HEART COLLEGE (AUTONOMOUS), THEVARA

SACRED HEART COLLEGE

Sacred Heart College, Thevara is an autonomous college in Kerala affiliated to Mahatma Gandhi University, Kottayam. The college was established in the year 1944 by the Carmelites of Mary Immaculate (CMI). It is one of the premier centres of higher learning in the country and rated 26th among the Arts and Science colleges in India by the leading ranking agencies.

DEPARTMENT OF CHEMISTRY

The Department of Chemistry was established in the year 1944, with the very inception of the college and it has emerged as one of the best learning centres of Chemical Sciences in the state of Kerala. Currently, it offers one undergraduate programme (B.Sc. Chemistry) and two postgraduate programmes (M.Sc. Chemistry & M.Sc. Applied Chemistry - Pharmaceutical). The Department is a recognized research centre of Mahatma Gandhi University, Kottayam.

PROF. K V THOMAS ENDOWMENT TRUST



Prof. K V Thomas served the Department as a member of the faculty and later as Head of the Department. He was the Union Minister for Food and Public Distribution, Government of India and the Minister for Tourism and Fisheries, Government of Kerala. The trust was established in 2002 by his colleagues and well-wishers. The trust organizes International / National seminars annually and this is the 19th edition of this endowment seminar.

NEW TRENDS IN APPLIED CHEMISTRY (NTAC)

International conference series "New Trends in Applied Chemistry" (NTAC) is a biannual event. The last edition of this International conference was inaugurated by Nobel Laureate Prof. Robert H. Grubbs. To celebrate the 100th anniversary of polymer science and commemorate Staudinger's work, NTAC-2020 is organized as an International e-conference with the theme 'Polymers and Macromolecules'. We cordially invite you to engage in scientific discourse with world renowned experts in this field. The conference features plenary lectures, short invited lectures and student presentations.

CONFERENCE TOPICS

- Synthesis and Characterization of Polymers
- Photo-responsive & Conducting Polymers
- Recyclable Polymers & Elastomers
- Polymers for Biomedical Applications
- Self-assembled Block copolymers
- Polymer Blends & Polymer Functionalized Nanoparticles
- Supramolecular Polymers
- Polymer Simulations

REGISTRATION - NTAC2020

For registration, please click the link given below. Registration is free, but mandatory for all those who wish to participate.

<https://forms.gle/LuBB5jZBsiwSqJv18>

Join the NTAC2020 WhatsApp group using the link given below.

<https://chat.whatsapp.com/JiU022MwslOAEk5PMVl3He>

- Conference will be held online in the Cisco Webex platform.
- Meeting ID and password will be sent to your registered Email ID.
- E-certificates will be issued for all registered participants.

ORGANIZING COMMITTEE

Rev. Dr. Paulose Kidangan CMI, Manager (Patron)
Rev. Dr. Prasanth Palackappillil CMI, Principal (Chairman)
Dr. Jorphin Joseph, HOD (General Convener)
Dr. Franklin J
Dr. Jinu George
Dr. Grace Thomas
Dr. Ignatious Abraham
Dr. Midhun Dominic C D
Mr. Senju Devassykutty (Coordinator)
Dr. June Cyriac
Dr. Ramakrishnan S
Dr. Abi T. G.
Dr. Ammu Rosin Jose
Dr. Roymon Joseph
Dr. Deepak D Prabhu (Coordinator)

All correspondence shall be addressed to:

E-mail: ntac2020@shcollege.ac.in

Ph: +91-9946163527, +91-8129532420

Mr. Senju Devassykutty | Dr. Deepak D Prabhu

Coordinator, NTAC – 2020, Department of Chemistry,
Sacred Heart College (Autonomous), Thevara, Kochi-682013 Kerala, India



Plenary Speakers - NTAC2020



Professor Dr. Sabu Thomas

Vice-Chancellor, Mahatma Gandhi University, Kottayam, Kerala, India.
Professor of Polymer Science & Engineering, School of Chemical Sciences
Founder Director, International and Inter University Centre for Nanoscience
and Nanotechnology, Mahatma Gandhi University, Kottayam, Kerala, India
Editor of Nano-Structures and Nano-Objects (ELSEVIER)

"New Opportunities in Sustainable Materials"

Professor Dr. Jean François Carpentier

Vice-President in charge of research,
University of Rennes 1, CNRS, ISCR, France

*"Stereoselective ROP of beta-Lactones: Syndiotactic, Isotactic or
Chemically Tunable Alternating PHA Materials"*



Professor Dr. Filip Du Prez

Department of Organic and Macromolecular Chemistry
Ghent University, Belgium
Associate Editor, Polymer Chemistry (RSC)
Editorial Advisory Board, European Polymer Journal (ELSEVIER)

"Vitrimer: Solution for Dealing with Thermosets in a Circular Economy"

Professor Dr. Shiki Yagai

International Group for Prominent Research
Chiba University, Japan

"Self-assembled Polycatenanes: How Did We Make Them?"



Professor Dr. Arthi Jayaraman

Department of Chemical and Biomolecular Engineering &
Department of Materials Science and Engineering,
University of Delaware, Newark
Associate Editor, Macromolecules (ACS)

*"Combining Theory, Simulation and Experiment for Design of
Macromolecular Materials"*



Professor Dr. Rene Janssen

Molecular Materials and Nanosystems

Eindhoven University of Technology (TU/e), Eindhoven, Netherlands

Associate Editor, Organic Electronics (ELSEVIER)

"Organic and Perovskite Thin Film Solar Cells"



Professor Dr. Józef Haponiuk

Department of Chemistry,

Gdansk University of Technology, Poland

"How Polymer Science can help to Establish the Circular Economy in the Elastomers and Plastics Sector"



Professor Dr. Derval dos Santos Rosa

Engineering, Modeling and Applied Social Sciences Center (CECS),

Federal University of ABC, Brazil

"Environmentally Friendly Materials from Lignocellulosic Waste: Isolation, Modifications and Applications"



Dr. Asha S K

Polymer Science & Engineering Division,

CSIR-NCL, Pune, India

Editorial Advisory Board, Macromolecules (ACS)

"Exciting Research in Polymer Chemistry Lab"



Dr. E. Bhoje Gowd

Material Science & Technology Division

CSIR-NIIST, Thiruvananthapuram, India

Editorial Advisory Board, SPE Polymers (Wiley)

"Directed Assembly of Hierarchical Supramolecular Block Copolymers"

Short Invited Lectures



Dr. Payam Zarrintaj

School of Chemical Engineering,
Oklahoma State University, United States

"Polymers Application in Medicine"



Dr. Pradeepan Periyat

Department of Environmental Science,
Kannur University, Kerala, India

*"Semiconducting Nanomaterials for Energy
and Environmental Applications"*



Dr. Sajith Menon

Department of Chemistry,
Maharaja's College, Kerala, India

"Light-Triggerable Polymeric Nanocapsules"

Student Presentations (SH Alumni)



Ms. Anupama Das

PhD Scholar,
IISc, Bangalore



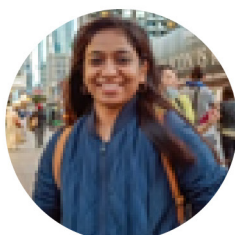
Ms. Athira V.B.

PhD Scholar,
CIPET, Bhubaneswar



Dr. Nithyamol K. V.

CSIR-IICT, Hyderabad



Ms. Nayanthara Asok

PhD Scholar,
York University, Canada



Ms. Bhagya Lakshmi S B

PhD Scholar,
Hokkaido University, Japan



Mr. Vidyanand Vijayakumar

PhD Scholar,
CSIR-NCL, Pune