

Programme DETAILS

DAY 1

Registration 8.00 - 9.00 am

Plenary Lecture I 9.00- 10.30 am

Dr.Kadhiravan Shanmuganathan

Principal Scientist

Polymer Science and Engineering Division

CSIR-NCL, Pune



Plenary Lecture II 11.00 am - 12.30 pm

Dr.E.Bhoje Gowd

Senior Principal Scientist

Professor, AcSIR

CSIR-NIIST, Trivandrum



Paper/Poster Presentation 1.30 pm

DAY 2

Plenary Lecture III 9.00 - 10.30 am

Dr.Srinivasan Sampath

Assistant Professor

Department of Materials Science

Central University of Tamil Nadu



Plenary Lecture IV 11.00 am - 12.30 pm

Dr. Debasis Samanta

Associate Professor (AcSIR)

Principal Scientist

CSIR-CLRI, India

Paper/Poster Presentation 1.30 pm



Valedictory Address 4.00 pm

Dr. S. N. Jaisankar

Secretary, SPSI

Former Scientist & Head

CSIR-CLRI, India



Patron

Dr Lilian I Jasper, Principal

Women's Christian College

Chennai 600 006

Convener

Dr G Cynthia Jemima Swarnavalli MRSc

Associate Professor & Head

Department of Chemistry, WCC

Mobile No.: 9444345049

Co-Convener

Dr G Libni

Associate Professor

Department of Chemistry, WCC

Mobile No.: 9840987936

Organizing Secretary

Dr C Ramalechume

Associate Professor & Head

PG Department of Chemistry (Shift-II), WCC

Mobile No.: 9444293133

Organizing Committee

Dr W Lily Margaret Priya, Associate Professor

Dr Banani Mukhopadhyay, Associate Professor

Dr D R Shobha Jeykumari, Associate Professor

Dr J Margaret Marie, Associate Professor

Dr M Esther Leena Preethi, Assistant Professor

Dr J Nimita Jebaranjitham, Assistant Professor

Dr P Thyriyalakshmi, Assistant Professor

Ms V J Evelyn Christina, Assistant Professor



Since 1915

WOMEN'S CHRISTIAN COLLEGE, CHENNAI 600 006

(An Autonomous Institution affiliated to the University of Madras)

Re-accredited by NAAC in 2019 with Grade A+

College with Potential for Excellence

NATIONAL CONFERENCE ON NEW FRONTIERS IN POLYMER CHEMISTRY FOR SUSTAINABLE AND GREEN FUTURE

23 & 24 January, 2025

ORGANIZED BY

DEPARTMENT OF CHEMISTRY



STUDENT CHAPTER
DEPARTMENT OF CHEMISTRY, WCC



CHENNAI CHAPTER
THE SOCIETY FOR POLYMER SCIENCE
INDIA



About the COLLEGE

Women's Christian College, the first private college for women in Chennai was established in the year 1915 by the united effort of 12 Missionary Societies in Britain, Canada and USA. It is situated in the heart of the city at 51, College Road, Nungambakkam. The college aims to provide a complete, meaningful and relevant education to women so that they are intellectually well-trained, morally upright, socially aware and spiritually inspired. The college is affiliated to the University of Madras and received its autonomy in 1982 and continuing the autonomous status for 40 years. The National Assessment and Accreditation Council (NAAC) accredited the college with Grade "A" in 2005, 2012 and "A+" in 2019 respectively. The College has collaborations with Le Tourneau University (Texas, USA), Liverpool Hope University, UK, Trinity Western University, Canada, Binary University, Malaysia and University of Cyberjaya, Malaysia. As a member of the United Board for Christian Higher Education in Asia (UBCSEA), the college receives research grants and faculty scholarships to promote research and enhance teaching-learning.



About the DEPARTMENT

The department is located in the majestic Science Building of WCC. It provides a perfect environment of learning. Chemistry was taught as one of the subjects in the College since 1918. However it became a full fledged degree programme in the year 1953.

The Postgraduate Programme was introduced in the year 2007 under the self-financed stream. The department has well qualified staff members who are actively involved in Teaching and Research in the fields of nanomaterials, catalysis, coordination chemistry and environment. The facilities in the department were amplified to upkeep basic research utilising the Grants received under Star College Scheme (2015-2018) of Department of Biotechnology (DBT), DST-FIST in 2016 and CPE-UGC in 2016.

Rationale of the CONFERENCE

The conference aims to inspire national and interdisciplinary dialogue, highlighting the forefront of research and innovation in polymers. It also sets a platform to present recent advances in polymer sciences. The conference also aims to expand new fundamental knowledge associated with developing polymers, smart materials and their application to create a sustainable and green future. Overall the conference will enable researchers, students and faculty to gain knowledge of the role of polymer science in diverse areas relevant to everyday life.

THRUST AREA

- Bio-Polymers
- Polymer Composites
- Poly electrolytes
- Conducting Polymers
- Solid-State ionic
- Polyurethanes
- Responsive materials
- Thin films
- Healing polymers
- Smart Materials
- Polymers in Bio Medical Applications
- Polymers in industries and energy sectors

Call for ABSTRACTS



- **Abstract format:** One page (provide email id of corresponding author) Font:Times New Roman; Size:12 pt; Alignment: Justify; line spacing: 1.5
- **Poster : 26 x 18 inches dimension**
- The last date for abstract submission is **13.01.2025**
- **Email abstract to chemistry@wcc.edu.in**
- Selected abstracts will be published in Conference Proceedings with ISBN Number

Call for Quiz & poster presentation

- **Special Quiz** conducted by Royal Society of Chemistry for **UG students on 24 Jan 2025 at 1 pm**
- **Poster Presentation - UG & PG students**
- **Poster Theme - Polymers for Sustainable and Green Future**
- **Poster : 26 x 18 inches dimension**
- **Prizes will be given for best posters and for the quiz**

Payment DETAILS



- Students & Research Scholars -----Rs. 500
- **Faculty** -----Rs. 1000

Payment LINK

https://wcconline.wcc.edu.in/WCC_IOB_PG_MV/C/WccPay/WEpayment

Registration LINK

<https://forms.gle/8MJSJ3zAseyDzrS26>

