

ABOUT THE INSTITUTION

B. S. Abdur Rahman Crescent Institute of Science & Technology (Estd. u/s 3 of the UGC Act, 1956, India), formerly as Crescent Engineering College is acclaimed throughout India for its quality in teaching and research. With 54 programmes, grouped under 12 different Schools, 31 Undergraduate programmes, 23 Postgraduate programmes, and Ph.D. (in all the departments), this institution is a rising stalwart in higher education with promising Quality, and Placement.

The institution is committed to focus on three dimensions of higher education Viz., quality teaching, innovative research and appropriate applications of knowledge through extension, outreach and consultancy activities. The institution is located on the Chennai - Trichy National Highway, 7 km from Tambaram and 2 km from Vandalur Railway Station and 17 km from the Chennai International Airport.

ABOUT THE DEPARTMENT

Department of Polymer Engineering was established in 1996 to provide technical services and manpower to various polymer industries, academic research institutions and National laboratories. The department offers a B.Tech Programme in Polymer Engineering as well as a Ph.D. Programme in multidisciplinary areas of polymer science and engineering.

The department has adequate infrastructure and well-equipped laboratories, and it is empowered with a team of highly qualified faculty members.

SUBMISSION OF ABSTRACTS

Papers are invited for oral presentations at the National Conference on "Advances in Polymer Technology and Sustainable Materials (APTSM - 2025)". Authors should submit an abstract in MS Word (Max. 250 words), Times New Roman 12 - point font, single-spaced, with one-inch margins, the corresponding author must be marked with an asterisk (*) and the presenting author underlined, with affiliations and email included. Submissions will be reviewed by experts, and selected abstract will be presented online. The authors should submit their original and unpublished works.

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Department of Polymer Engineering

Mrs. J. Dafini
Assistant Professor

Department of Polymer Engineering



Virtual National Conference on "Advances in Polymer Technology and Sustainable Materials" (APTSM - 2025) "Association of Polymer Engineers"

15th October 2025



Organized by
Department of Polymer Engineering
School of Mechanical Sciences
B. S. Abdur Rahman Crescent Institute of
Science and Technology
Vandalur
Chennai - 600048

About the Conference

The Virtual National Conference on "Advances in Polymer Technology and Sustainable Materials" (APTSM - 2025) is envisioned as a premier platform to bring together researchers, academicians, scientists, and industry professionals to exchange knowledge and insights on recent innovations in polymer science and advanced materials. The conference will focus on the design, synthesis, characterization, processing, and diverse applications of polymers, composites, nanomaterials, smart and functional materials, energy materials, biomaterials, and sustainable technologies. With sessions featuring keynote addresses, plenary talks, invited lectures, and technical discussions. APTS - 2025 aims to foster interdisciplinary collaboration, highlight emerging challenges, and explore industrial applications spanning aerospace, automotive, electronics, energy, biomedical devices, construction, and environmental sectors. This conference will serve as a forum to promote innovation, sustainability, and future directions in advanced materials research and technology.

Technical papers are invited from the following areas but not limited to:

- Advanced Composite Materials
- Advances in Polymer Science and Technology
- Biomaterials and Bio - based Polymers
- Characterization and Processing Techniques for Advanced Materials
- Emerging Challenges, Commercialization, and Future Innovations
- Energy Materials and Storage Technologies
- Green Processing and Circular Economy Approaches
- Materials for Construction, Biomedical and Environmental Applications
- Materials in Aerospace, Automotive and Electronics
- Nanomaterials and Nanocomposites
- Smart, Functional and Responsive Materials
- Sustainable and Eco-Friendly Materials

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Dr. S. Vishali, SRM University, Chennai

Conference Mode

The National Conference on "Advanced Materials and Engineering (APTSM - 2025)" will be held completely online. All sessions will be conducted through a secure virtual platform. Participants can join from anywhere in India and actively engage in live discussions.

Guidelines

- Selected papers will be published in Conference Proceedings with ISBN (for registered & presenting authors).
- Abstracts must be original and submitted before the deadline. Submissions with plagiarism will not be accepted.
- Only authors of accepted abstracts are required to pay the conference fee after receiving the acceptance notification.
- Non-presenting participants, are required to complete registration and pay the applicable fee before the deadline.
- E-certificates will be issued only to registered participants.
- Two best oral presentation awards will be given per session, evaluated by an expert jury.

Important Dates

Abstract Submission : 13.10.2025
Intimation of Selection : 14.10.2025
Registration Deadline : 14.10.2025

Registration

To complete your registration, please scan the QR code or use the link provided below.

<https://forms.gle/92NfoLASoe3vxA1G8>



Kindly submit your abstracts and fee payment receipt to aptsm25@gmail.com.

Registration Fees

Industry Experts : Rs. 1500
Faculty : Rs. 1000
Research Scholars : Rs. 500
UG / PG Students : Rs. 300

Payment Mode

Please make online payment

Account Name : HOD Polymer Engineering
Account Number : 1657010000019913
IFSC Code : IOBA0001657
Bank Name : Indian Overseas Bank (IOB)
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