

NATIONAL WORKSHOP

on

Recent Advances in High Performance Energy Storage Materials & Systems (RAHPRESS-2026)

10th April 2026



Organized by

Association of Polymer Engineers
Department of Polymer Engineering
School of Mechanical Sciences



About the Institution

B. S. Abdur Rahman Crescent Institute of Science and Technology (Deemed to be University, established under Section 3 of the UGC Act, 1956) is a premier institution of higher education, formerly known as Crescent Engineering College, founded in 1984. Accredited with an 'A+' grade by NAAC, the University upholds excellence in teaching, research, and innovation. With 35 Undergraduate, 28 Postgraduate and Ph.D. programmes grouped under 12 different Schools, 23 Departments this institution is a stalwart in higher education with promising Quality, Security and Placement.

Located along the GST Road at Vandalur, Chennai, Crescent offers a green and serene campus with modern infrastructure, strong industry partnerships, and excellent placement opportunities, fostering the holistic development of students across diverse disciplines.

About the Department

The Department of Polymer Engineering was established in 1996 as the first of its kind in Tamil Nadu to cater the growing need for qualified professionals and technical expertise in polymer industries, research institutions, and national laboratories.

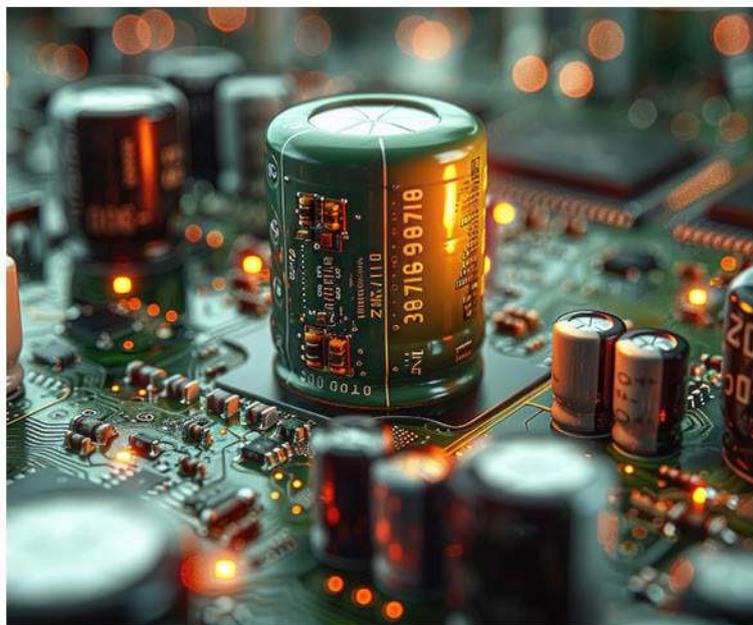
The department also emphasizes industry-oriented training, research collaboration, and experiential learning, enabling students to acquire practical knowledge and professional competence to address the evolving challenges in the field of polymer technology.



About the Workshop

The workshop aims to provide an overview of the latest advancements in energy storage materials and devices, with a focus on emerging research and innovation in electrochemical energy systems. It brings together researchers and professionals to explore next-generation technologies such as fuel cells, electrolyzers, advanced batteries and supercapacitors.

Through a blend of expert talks and hands-on sessions, the workshop equips participants with essential technical knowledge and practical skills relevant to research and industrial applications, while fostering collaboration and knowledge exchange in the field of energy storage technology.



Workshop Highlights

- 1** Latest innovations in hydrogen production, storage, and conversion technologies.
- 2** Fuel cell insights – principles, materials, design strategies, and performance optimization.
- 3** Practical exposure to advanced electrochemical techniques for analysing energy devices.
- 4** Expert lectures and interactive sessions fostering research collaboration and skill development.

Important Dates

Last date for registration	06.04.2026
Intimation of selection confirmation to participants	08.04.2026

Registration Fee

UG / PG Students	Rs. 300 /-
Research Scholars	Rs. 500 /-
Faculties from Institution and Universities	Rs. 750 /-
Industry Professionals	Rs. 1000 /-

Online Registration (Please register through the below QR Code/link)



(or) <https://forms.gle/LYzFa3EgoZMUTj6B8>

Participation Certificates will be provided for the Registered Participants.

Department of Polymer Engineering

Payment Details for Participants

Name of the Account	HOD Polymer Engineering
Bank	Indian Overseas Bank (IOB) Vandalur, Chennai, 600048
Account No.	165701000019913
IFSC Code	IOBA0001657

or



hodpt19913@iob

Chief Patrons

Mr. BSA Arif Buhary Rahman
President

Mrs. Qurrath Jameela
Chancellor

Mr. Abdul Qadir A Rahman Buhari
Pro Chancellor

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Vice-Chancellor (i/c)

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Pro-Vice Chancellor

Co-Patron

Dr. N. Raja Hussain
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Convenors

Dr. S. S. M Abdul Majeed
Professor & Director (Admissions)
Department of Polymer Engineering

Dr. H. Siddhi Jailani
Professor & Dean
(School of Mechanical Sciences)
Department of Mechanical Engineering

Dr. S. Shamshath Begum
Associate Professor & HOD (i/c)
Department of Polymer Engineering

Co-Coordinator

Dr. R. Daulath Banu
Assistant Professor (Sr. Gr)
Department of Polymer Engineering

Coordinator

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For Assistance, Please Contact

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