



TWO-DAY NATIONAL CONFERENCE ON ADVANCES IN POLYMER COMPOSITES

"APC-2024"

23 Feb'2024 & 24 Feb'2024



Organised By

Department of Rubber and Plastics Technology
Madras Institute of Technology Campus,
Anna University, Chennai 600 044, Tamil Nadu

In Association with



About the Institution

Madras Institute of Technology (MIT) was started in 1949 by Shri. C.Rajam with a vision to provide a strong technical base in various engineering disciplines for the independent India to compete at par with the International community. Merged with Anna University in the year 1978, MIT has played an important role in the growth and development of many sectors in the country by introducing several new specializations in the field of engineering. The institute is a part of the Anna University, and is known for producing eminent scientists like Dr. APJ Abdul Kalam & Dr. K Sivan. This Institution is accredited by NAAC with A++ grade. Besides promoting research and disseminating knowledge gained therefrom, it fosters cooperation between the academic and industrial communities. As a part of commemorating the 75th year since the establishment of the institute, the conference aims to bring leading academicians and researchers to submit their original contributions in the advancement in composite materials and their implementation towards the development polymer composites, which still remains as a great challenge and thorny issue.

Brief Profile of the Department

The Department of Rubber and Plastics Technology was started in the year 1988 and offers a four year

B.Tech degree programme in Rubber and Plastics Technology (NBA accredited) and a two year M.Tech degree programme in Rubber Technology and Ph.D program in the field of Polymer Science and Technology. Both B.Tech and M.Tech graduates of the Department are well received by Tyre and Non-tyre industries, Automotive Component Industry and research organization in India and abroad. Some alumni are also doing well as entrepreneurs. The Department has sufficient infrastructure facilities in terms of equipments and machinery to impart relevant practical training in Rubber and Plastics Technology. The department carries out research work in the area of Rubber Science, Polymer Blends and Composites, Biopolymers and Sustainable materials.

About FRP Institute

FRP Institute is a professional society based in Chennai, India, formed with the aim to promote the Indian Composites Industry. FRP Institute organizes International Conference and Exhibition on Reinforced Plastics (ICERP) event once in every two years and the previous event in this series was ICERP 2023 which was held during 18th to 20th January 2023 at Bombay Exhibition Centre, Goregaon (East) Mumbai, India. ICERP event is the India's biggest event on Composites since 2002.

CHIEF PATRON

Prof.Dr.R.VELRAJ

Vice Chancellor, Anna University

PATRON

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Registrar (I/C), Anna University

Prof.Dr.K.RAVICHANDRAN

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CONVENER

Prof.Dr.L.S.JAYAKUMARI

Head, Department of RPT, MIT Campus

ORGANIZING SECRETARY

Prof.Dr. K.ELANGO VAN

Department of RPT, MIT Campus

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- Dr.B.Kothandaraman, Prof./RPT/MIT
- Dr.N.Natchimuthu, Professor/RPT/MIT
- Mr.S.Prabakaran, FRP Institute
- Ms.J.Jebarani, TF/RPT/MIT
- Dr. H.Sheik Mohammed, TF/RPT/MIT
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- Dr.A.Siddharthan, Professor/PT/MIT
- Dr.G.B.Bhaskar, Professor/PT/MIT
- Dr. P.S.Sampath, Prof./DME/KSRCT

Registration Form

Two-day National Conference on Advances in Polymer Composites (APC-2024)

23 Feb'2024 & 24 Feb'2024

Venue: Rajam Hall, MIT Campus, Anna University,
Chromepet, Chennai – 600044.

Name: _____

Designation: _____

Organization: _____

Mobile: _____

E-mail: _____

Details of Registration Fee:

Amount:

Please send a duly filled, signed and scanned copy of the registration form to apc2024@mitindia.edu.

Research scholars and students must send a scanned copy of their ID card or Bonafide Certificate from Principal/Head of the Department.

Date:

Signature of
Applicant

Signature of Sponsoring
Authority with seal

OBJECTIVE

The objective of the conference is to explain the advancement in composite materials and their implementation towards the development of low-cost and high-efficient fabrication of advanced polymer composites, which still remains as a great challenge and thorny issue. This conference features, invited lectures by eminent experts and provides a forum for researchers, scientists, faculty, and industry representatives to discuss the most recent innovations, trends, research aspects, practical challenges, and solutions about advances in polymer composites.

PROCEEDINGS

The conference proceedings will be published and the hard copies will be distributed to the registered participants. The proceedings will contain invited talks and contributed papers.

SUBMISSION GUIDELINES

Abstract/Original research articles not exceeding 6 pages typed in double column format should be submitted on or before 21.02.2024 through email.

JOURNAL PUBLICATIONS

All the accepted and presented papers will be published in the conference proceedings. Selected papers after peer review and as per the norms of journals will be published in the reputed journals.

WHO CAN APPLY

Faculty members, Research Scholars, and Postgraduate students of academic institutions, colleges, and universities, as well as Scientists and Technologists from Research Laboratories, R&D Institutions, and Industrial R&D Faculty are all warmly welcomed to join this conference.

Category of Participants	Registration fee
UG/PG/Research Scholars	Rs. 750/-
Academicians	Rs. 1,500/-
Industrial Participants	Rs. 3,000/-

Registration fee should be paid through NEFT using the following account details:

Account Name : **APC - 2024**
Account No.: **7696519965**
Bank / Branch : Indian Bank,
Chrompet, Chennai-44
IFS code : **IDIB000C028**

CALL FOR PAPERS

Topics of interest include,
but are not limited to

- Advanced Matrices & Reinforcements
- Composites for sustainability
- Composites for Automobile and Aerospace
- Composites for construction Industries
- Advanced nanocomposites
- Technical textiles
- Challenges in Composite recycling
- Composites for Biomedical Applications

IMPORTANT DATES

Last Date to submit Abstract: **21-02-2024**

Intimation of Paper Selection: **22-02-2024**

Spot Registration for Participation available

Complete the Google form:

<https://forms.gle/SSDLbnc5P1tITBnB6>

For any queries regarding the Conference, please Contact the **Organizing Secretariat APC-2024**

Mr.M.Arunkumar, TF/RPT,
Ph:9751713511

Dr.Piyali Roy Choudhury, TF/RPT
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