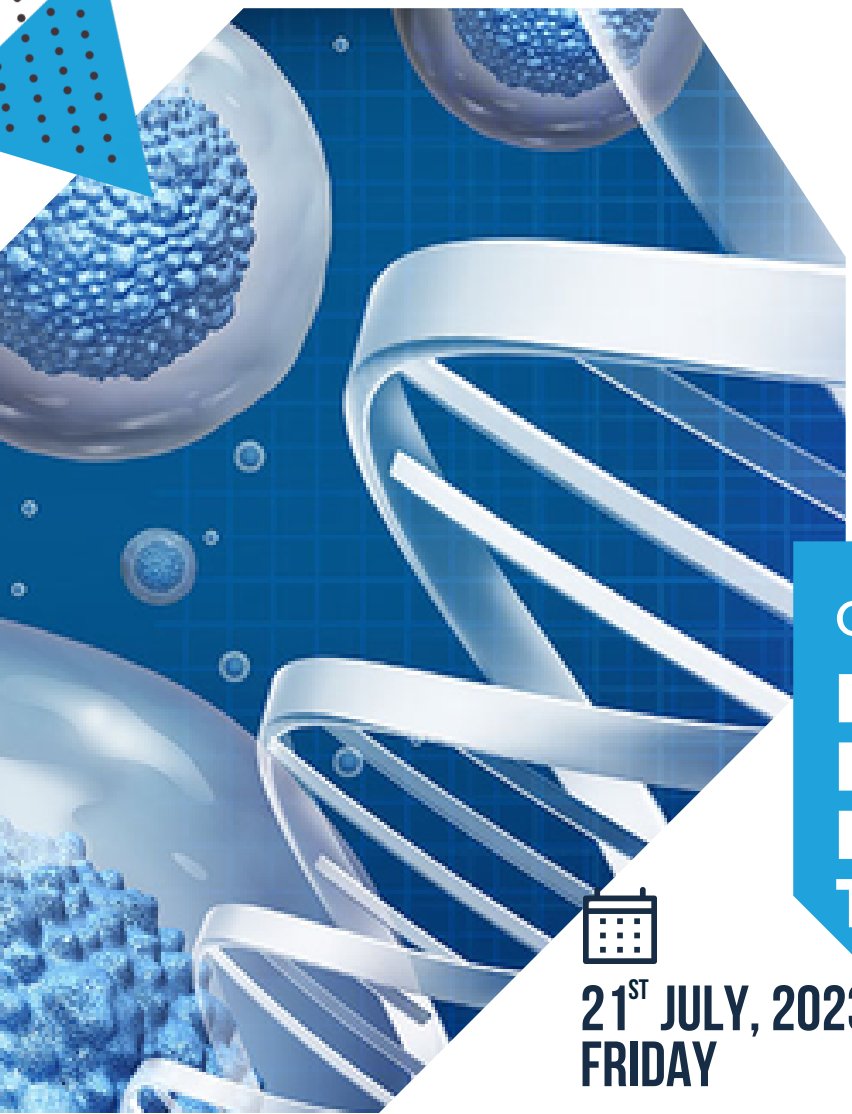
ANNA UNIVERSITY

MADRAS INSTITUTE OF TECHNOLOGY CAMPUS

INTERNATIONAL WORKSHOP ON BIOMATERIALS FOR TISSUE ENGINEERING AND DRUG DELIVERY "BIOTEDD 2023"



UNDER THE AEGIS OF

SOCIETY FOR BIOMATERIALS AND ARTIFICIAL ORGANS INDIA

&

SOCIETY FOR TISSUE ENGINEERING AND REGENERATIVE MEDICINE INDIA

ORGANISED BY

DEPARTMENT OF RUBBER AND PLASTICS TECHNOLOGY

21ST JULY, 2023
FRIDAY

ANNA UNIVERSITY

Anna University was established on 4th September, 1978 as a unitary type of University, offering higher education in Engineering, Technology, Architecture and Applied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained therefrom, it fosters cooperation between the academic and industrial communities. The University was formed by bringing together and integrating four well known technical institutions in the city of Madras (now Chennai) namely, College of Engineering (CEG) (Established in 1794), Alagappa College of Technology (ACT) (Established in 1944), Madras Institute of Technology (MIT) (Established in 1949), School of Architecture & Planning (SAP) (Established in 1957).

PROGRESS THROUGH KNOWLEDGE

MADRAS INSTITUTE OF TECHNOLOGY

Celebrating 75th Platinum Jubilee year

In 1949, Shri.C.Rajam, gave the newly independent India-Madras Institute of Technology, so that MIT could establish the strong technical base it needed to take its place in the world. It was the rare genius and daring of its founder that made MIT offer courses like Aeronautical Engineering, Automobile Engineering, Electronics Engineering and Instrument Technology for the first time in our country. Now it also provides technical education in other engineering fields such as Rubber and Plastics Technology, Production Technology, Computer Technology and Information Technology.

It was merged with Anna University in the year 1978. MIT has produced great scientist and former President of India, Dr.A.P.J.Abdul Kalam, and former Chairman of ISRO Dr. K.Sivan, and many more. The broad-based education, coupled with practice-oriented training in their specialty, has enabled the students of MIT to handle with skill and success a wide variety of technical problems.

MIT Campus is Celebrating its 75th Platinum Jubilee year from July 2023 onwards.

DEPARTMENT OF RUBBER AND PLASTICS TECHNOLOGY

The Department of Rubber and Plastics Technology was started in the year 1988 and offers a four year Under graduate degree programme in B.Tech Rubber and Plastics Technology and a two year Post graduate degree programme in M.Tech 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, Sustainable materials, Tissue Engineering and Drug Delivery.

OBJECTIVE OF THE WORKSHOP

Biomaterial Sciences and Engineering play an important role in the modern healthcare technology. There is a huge potential and growing demand in India as well as across the globe for the development of biomaterials and medical devices. India, being one of the major users of medical devices and implants, depends on imports for over 80% of its needs. The nation is striving to expand its capabilities and human resources in medical devices and implants and to become self-sufficient in these areas. The workshop will provide an opportunity to interact and discuss with experts from University, Research Organisation, Health care Professional on the latest trends and development in Biomaterials.

The department has got sanctioned a Bilateral Indo-Poland Collaborative joint research project on "Development of a smart scaffold for assisting efficient bone repair" financed by the Polish National Agency for Academic Exchange and by Ministry of Science and Technology, Department of Science and Technology, Government of India.

Prof.Elzbieta Pamula and her team from Department of Biomaterials and Composites, AGH University of Science and Technology, Krakow, Poland and from Indian Research Organizations, Universities and Industries will deliver the technical talk.

CHIEF PATRON

Prof.Dr. VELRAJ

VICE CHANCELLOR, ANNA UNIVERSITY

PATRON

Prof.Dr. G.RAVIKUMAR

REGISTRAR (i/c) ANNA UNIVERSITY

Prof.Dr.J.PRAKASH

DEAN, MIT CAMPUS

Dr. S.SUBRAMANIAN

CHAIRMAN FACULTY OF TECHNOLOGY

CONVENER

Prof.Dr. K.RAVICHANDRAN

DEPARTMENT OF RPT, MIT CAMPUS

CO-CONVENERS

Prof.Dr.L.S.JAYAKUMARI

HOD, DEPARTMENT OF RPT, MIT CAMPUS

Prof.Dr.SUVRO CHATTERJEE

UNIVERSITY OF BURDWAN, WEST BENGAL

ORGANIZING COMMITTEE MEMBERS

1. Dr. B. Kothandaraman, *Professor, Department of Rubber and Plastics Technology, MIT Campus*

2. Dr. N.Natchimuthu, *Professor, Department of Rubber and Plastics Technology, MIT Campus*

3. Dr.N.Balasubramanian, *Director, Centre for Sponsored Research, Anna University*

4.Dr.R.Baskaran, *Director, Centre for International Relation, Anna University*

5. Dr.A.Siddharthan, *Professor, Department of Production Technology, MIT Campus*

***6.* Dr. K.Elangovan,** *Associate Professor, Department of Rubber and Plastics Technology, MIT Campus*

7. Dr.Kavitha Sankaranarayanan, *Scientist – Bioscience Division, AU-KBC Research Center, MIT Campus*

***8.* Dr.C.Ramji,** *Teaching fellow, Department of Rubber and Plastics Technology, MIT Campus*

9.Dr.Piyali Roy Choudhury, *Teaching fellow, Department of Rubber and Plastics Technology, MIT Campus*

10.Ms.B.Archana, *Teaching fellow, Department of Rubber and Plastics Technology, MIT Campus*

11.Mr.A.Karthik Narayanan, *Teaching fellow, Department of Rubber and Plastics Technology, MIT Campus*

TOPICS

- BIOMATERIALS AND BIO COMPOSITES FOR HEALTH CARE APPLICATION
- TISSUE ENGINEERING AND REGENERATIVE MEDICINE
- BIO-MATERIALS FOR ORTHOPAEDIC AND DENTAL SURGEONS
- DRUG DELIVERY AND HYDROGEL
- INNOVATION AND SUSTAINABILITY OF BIOMEDICAL TECHNOLOGY
- SURFACE MODIFICATION AND FUNCTIONALIZATION
- BIOMEDICAL DEVICES AND APPLICATIONS

SPEAKERS

1. Prof.Elzbieta Pamula, *Department of Biomaterials and Composites, AGH University of Science and Technology, Krakow, Poland.*

2. Prof.Aneta Zima, *Department of Biomaterials and Composites, AGH University of Science and Technology, Krakow, Poland.*

3. Dr. Joanna Czechowska, *Department of Biomaterials and Composites, AGH University of Science and Technology, Krakow, Poland.*

4. Dr Pugalanthi Pandian, *Chairman & Chief Orthopaedic and Neuro Surgeon, Pandian Advanced Medical Center Pvt Ltd & Bone Substitutes, Madurai.*

5. Dr.S.Muthukumar, *Chairman & Chief Orthopaedic Surgeon, Parvathy Hospital Chromepet, Chennai.*

6. Dr. N. Imthiaz Refayee, *MDS ,Chairman & Chief Consultant, NB Multispeciality Dental Clinic, Chennai.*

7. Dr.Yaseer Arafat, *MDS Head & Neck Oncology and Reconstruction, Consultant, ACS Medical College and Hospitals, Chennai.*

8. Prof. Dr.T.S.Sampath Kumar , *Medical Materials Laboratory, IIT Madras.*

9. Prof. Dr.Vignesh Muthuvijayan, *Department of BioTechnology, IIT Madras.*

10. Dr.Roy Joseph, Scientist 'G', *Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandram.*

11. Dr.P.Ramesh , Scientist 'G', *Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandram.*

12. Dr.BalaMurghan, *Department of Nano Science and Technology, Bharathiar University, Coimbatore.*

13. Prof. Dr.A.Muthkumaran, *Department of BioTechnology, Kalasalingam Academy of Research and Education, Krishnankoil.*

14. Mr.Muthusamy Mathiyazhagan, *DGM-HCL Biomedical Division, Chennai.*

SPONSORSHIP OPPORTUNITIY

The Workshop will provide an opportunity for industrial partners to exhibit and highlight their products/services to attendees, scientists, students and early career engineers. Your support allows organizers and members to continue their efforts in knowledge sharing and skill development across all engineering disciplines.

Industries, R&D organisations, Hospitals and Professional bodies are requested to sponsor the Workshop "BIOTEDD 2023". Organizing committee will arrange proper publicity of the contributors during the workshop. The Workshop Proceedings with abstracts and advertisement will be released.

Advertisement Tariff

Back side outer cover page : ₹50,000/-
Front side inner cover page : ₹40,000/-
Back side inner cover page : ₹30,000/-
Advertisement full page : ₹20,000/-
Advertisement half page : ₹10,000/-

REGISTRATION

Registration is compulsory for all the participants and the fees are as follows:

PARTICIPANTS	PRICE
STUDENTS/RESEARCH SCHOLARS	₹750/-
FACULTY/SCIENTIST/DOCTORS	₹1000/-
INDUSTRY	₹1500/-

Please complete the enclosed online registration form and submit it along with the registration fee slip on or before 10th July 2023

Bank Details:

Account Name : BIOTEDD 2023
Bank : Indian Bank- Chromepet Branch
Savings Account : 7505080959
IFSC Code : IDBI000C028
MICR Code : 600019

ACCOMMODATION

Accommodation can be arranged for outstation participants in Guest House/ Hostels upon request on payment basis with due intimation.

VENUE & DATE

Venue: Rajam Hall, MIT Campus, Chromepet, Chennai - 600044

Date: 21st July 2023, Friday

Scan the below QR Code for website

Scan the below QR Code for Location

Organizing Secretariat

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Mr.M.Arunkumar Teaching Fellow,RPT MIT Campus	arunsakthi_143@yahoo.co.in	Mob no: 9751713511
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INTERNATIONAL WORKSHOP
on
Biomaterials for Tissue Engineering and Drug Delivery
"BIOTEDD 2023"
21st July 2023

REGISTRATION FORM

NAME :

DESIGNATION :

ORGANIZATION :

ADDRESS FOR COMMUNICATION :

E-MAIL ADDRESS :

PAYMENT DETAILS (Transaction Details) :

Participant's Signature

Signature of Supervisor/ Head of the Institution