

## ABOUT THE INSTITUTE

Madras Institute of Technology is one of the premier technical institution started in the year 1949 by Shri. C. Rajam, an eminent industrialist. The institute is established as a result of a bold experiment in technical education as it introduced for the first time, totally unconventional Engineering courses such as Aeronautical Engineering, Automobile Engineering, Electronics Engineering and Instrumentation Engineering. It was merged with Anna University in the year 1978.

## DEPT. OF CERAMIC TECHNOLOGY DEPARTMENT

The growth of Ceramic industry in India during the past 75 years is commendable. The growing demand for trained manpower in Ceramic industry led to the launch of M.Tech degree programme in Ceramic Technology under the Department of Chemical Engineering in Anna University during the academic year 1990-91 with the seed money from M/s Carborundum Universal Ltd, Chennai. During the academic year 1996-97, B.Tech degree programme in Ceramic Technology was started.

## DEPT. OF PRODUCTION TECHNOLOGY DEPARTMENT

The Department of Production Technology was started in the year 1977. Presently department conducts two UG programmes: B.E. (Production Engg.) and B.E. (Mechanical Engg.) as well as two PG programmes: M.E. (Manufacturing Engg.) and M.E. (Mechatronics), besides PhD programme. Recently, the department is sanctioned by TANII 2020 for the development of semi and fully automated intelligent exo-skeletal and prosthetics for disabled communities. The department is progressing toward societal benefit projects involving indigenous manufacturing, mechatronics and automation as well as interdepartmental research.

## DEPT. OF ELECTRONICS ENGINEERING DEPARTMENT

The Department of Electronics Engineering was established in the year 1949, has its core strength in the leading areas of Electronics & Communication technology. The academic programmes offered in the Department are

B.E (Electronics and Communication Engineering), M.E (Communication and Networking, VLSI Design and Embedded Systems & Wireless Technologies).

## WORKSHOP CONTENTS

The following topics will be covered,

- Introductions of Biological signals such as ECG, EEG, EMG, EOG
- Discussion on MP36 data acquisition system
- Interfacing Bio-signals with MP36
- Introducing BSL(Biopac Student Lab) software tool
- Hands-on Session
  - Wired & wireless modes
  - ECG (Electrocardiogram)
  - EMG (Electromyogram)
  - EEG (Electroencephalogram)
  - EOG (Electrooculogram)
  - PPG (Photoplethysmography)
  - GSR (Galvanic Skin Response)
  - RESPIRATION
- Research potential with BIOPAC System
- Research Application

## ABOUT REGISTRATION

- No Registration Fee
- Number of seat is restricted to 40
- Selection will be based on first come first serve basis
- Participants will be provided with working lunch and refreshments. Participants have to make their own arrangements for accommodation.
- Preference will be given in the order of Assistant professor, Associate professor and Professor
- Selected candidates will be intimated by e-mail only. Confirmation of participation is to be made by email

Send the duly filled in Registration form to the Coordinator(s) by post.

## Physical Mode- Five Day Workshop on

## “GAIT analysis using BIOPAC system”

24<sup>th</sup> - 28<sup>th</sup> July 2023

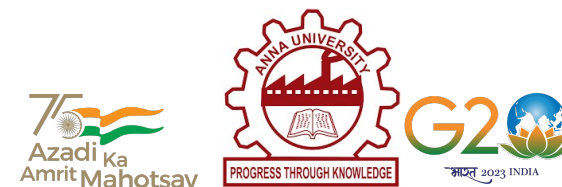
## REGISTRATION FORM

*Coordinators*

**Dr. K. Kalaichelvan**

**Dr. P. Ganesh**

**Dr. V. Sathiesh Kumar**



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**M/s. Gentech Marketing and Distribution Pvt. Ltd, New Delhi-110 055.**

Organized by TANII Project Team of

**Department of Ceramic Technology,  
Department of Production Technology  
&  
Department of Electronics Engineering  
Anna University**

*As a part of MIT Platinum Jubilee celebration*

**Physical Mode- Five Day  
Workshop  
on  
“GAIT analysis using  
BIOPAC system”  
24<sup>th</sup> – 28<sup>th</sup> July 2023**

1. Name :  
(in capital)
2. Designation :
3. Qualification :
4. Age & D.O.B:
5. Professional experience(in years)  
Teaching :  
Industrial :
6. College/Industry Name:
7. Address of the College/Industry :
8. Research interest :
9. Mobile No :
10. E-mail :

I hereby declare that all the details furnished by me are true to the best of my knowledge.

Signature of the Applicant

**CERTIFICATE FROM  
HEAD OF THE INSTITUTION**

Dr./Mr./Mrs. \_\_\_\_\_ is a Faculty/Student member of our institution. He/She will be permitted to attend the programme if selected.

Signature of the Head of Institution/Organization  
with seal

**For further details, contact**

**TANII Team,**  
Dept. of Production Technology,  
MIT Campus, Anna University  
Chennai- 600 044  
Contact No. 044 2251 6367

Workshop application E-mailed to  
**taniimit2021@gmail.com**

**LOCATION**

Madras Institute of Technology is located in Chrompet, Chennai, Tamil Nadu, India and the campus is adjacent to Chrompet railway station.

**IMPORTANT DATES:**

Application Deadline : 18.07.2023  
Intimation of Selection : 19.07.2023  
Confirmation by Participants: 20.07.2023

**ORGANIZING COMMITTEE**

- Chief Patron :** **Dr. R. VELRAJ**  
Vice Chancellor  
Anna University
- Patron :** **Dr. J. PRAKASH**  
Registrar i/c  
Anna University
- Co-Patron :** **Dean, MIT Campus**  
Anna University
- Convener :** **Dr. A. SIDDHARTHAN**  
Professor and Head,  
Dept. of Production Technology  
MIT Campus, Anna University
- Dr. P. INDUMATHI**  
Professor and Head  
Dept. of Electronics Engg.  
MIT Campus, Anna University
- Dr. S. MANISHA  
VIDYAVATHY**  
Professor & Head i/c,  
Dept. of Ceramic Technology  
ACT Campus, Anna University
- Coordinators:** **Dr. K. KALAICHELVAN**  
Professor,  
Dept. of Ceramic Technology  
ACT Campus, Anna University
- Dr. P. GANESH**  
Associate Professor  
Dept. of Production Technology,  
MIT Campus, Anna University
- Dr. V. SATHIESH KUMAR**  
Assistant Professor (Sr.Gr)  
Dept. of Electronics Engineering,  
MIT Campus, Anna University