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Dr. K. S. Thivya , HOD - I/C , BME

Session Chairs

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Dr. A. Nalini, Dean - Library
Dr. K. Sujatha, Professor, Dean - Consultancy
Dr. A. Kannan, Professor, Dean - Energy Conservation

In Organizing Secretaries

Dr. P.Selvaraj, Associate Professor
Er. B. R. Sankari, Assistant Professor

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Dr. S. Krishnaveni, Associate Professor
Er. A. Raja, Assistant Professor
Dr. R. Sivanand, Assistant Professor
Er. T. Jenish, Assistant Professor
Er. S. Saranya, Assistant Professor

Important Dates

Last date for registration - 25.09.23

Registration

- Registration fee
 Online – Rs.250 (per author)
 Offline – Rs.500 (Research scholar/ UG / PG per author)
 Offline - Rs.750 (Academicians per author)
 Offline - Rs. 1000 (industrial person)
- UG/PG students can register and participate
- Registration fee includes workshop kit, refreshment, lunch (only for offline authors).

Contact Us

Staff Coordinator:-

Dr. P. Selvaraj
9444062313

Er. B. Rengammal Sankari
9841707258

Student Coordinator:-

L. Keerthana Priyadarshini
7305616757

E-mail :

conferencecrossroad@gmail.com



Dr. M.G.R
EDUCATIONAL AND RESEARCH INSTITUTE
DEEMED TO BE UNIVERSITY
University with Graded Autonomy Status
(An ISO 21001 : 2018 Certified Institution)



Periyar EVR High Road, Maduravoyal, Chennai 600095, TamilNadu

DEPARTMENT OF EEE & BME

PROUDLY PRESENTS

NATIONAL CONFERENCE
ON

CROSSROADS'23

BRIDGING ELECTRICAL AND
BIOMEDICAL VISION FOR
LIMITLESS INNOVATION



06 October 2023



About the Conference

The CROSSROAD'23 National conference organized by Department of Electrical and Electronics Engineering & Biomedical Engineering, Dr.MGR Educational and Research Institute, University in association with IEEE MGR Student Chapter is an attempt to focus on BRIDGING BIOMEDICAL AND ELECTRICAL VISION FOR LIMITLESS INNOVATION. The conference provides the platform to develop prototype models, analyse renewable energy systems and validate systems to international standards and in installing low carbon technologies.

Objective / Scope of the Event

The main objective of the Conference is to educate students in a broad range and prepare them for research in these areas. The conference will provide a forum where researchers in academia and the industrialist can share their latest findings and future directions in the field by academicians, researchers, and practitioners. Participants will have an opportunity to share their knowledge, views and research findings and build networks with professionals of similar interests. Papers will be published in Conference proceedings with ISBN number.

Topics Covered

- Signal processing and Embedded system
- Micro grid and Smart grid
- Electric Traction
- Hybrid vehicles
- Power quality and management of energy estimation and audit
- Rehabilitation and Prosthetics
- Biomedical image processing
- Smart apps and IoT based medical devices
- Digital innovation and additive manufacturing orthodontics

About the University

Aiming to bring about change and process through education, the Tmt. Kannammal Educational trust was constituted in 1985 and started Thai Moogambigai Polytechnic College. Within three years of its inception, Dr. M.G.R. Engineering College was founded in 1988, and the Thai Moogambigai Dental College was started in the year 1991. Both the colleges acquired Deemed University status in 2003 as Dr. M.G.R. Educational and Research Institute as per the order of the University Grants commission, New Delhi and the Ministry of Human Resources and Development, Government of India, New Delhi. The Institution is accredited by NAAC with A+ Grade (University with Graded Autonomy Status).

About the Department

The department of EEE was started in the year 1993 offering a B. E. program in Electrical & Electronics Engineering approved by AICTE. The EEE department is accredited by NBA recognizing the academic and research achievements. The department has a clear vision to render services continuously to meet the requirements of the changing world in Electrical Engineering Industry by educating the students for a global competition in line with the Institutions Mission. In the year 2019, the Department of Biomedical Engineering was established. UG Programme B.Tech (BME) in Biomedical Engineering is available through the Department of Biomedical Engineering. Research is being conducted by faculty members, and they are publishing their findings at conferences and peer-reviewed international journals. Our academic members are experts in biosignal and medical image processing, rehabilitation engineering, and biomedical instrumentation, among other fields.

CROSSROADS'23

Registration Form

NAME :

COLLEGE :

YEAR/BRANCH :

ADDRESS :

MOBILE :

SCAN
TO REGISTER

