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# M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delh). Affiliated to Arma University. Cheminal UG - CSE. EEE & MECH Programs Accredited by NBA, New Delhi Accredited with 'A+' grade by NBA. New Delhi An ISO 9001:2015 Certified Institution. Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956. Trichy – Pudukkottai Road, Truchirappalli – 620 007. Phone:0431-2660 303. Websife:www.miet.edu, E-mail:principalengg@miet.edu, contact@miet.edu.



## ANNUAL REPORT FOR THE ACADEMIC YEAR 2021-2022

#### GRADUATION DAY REPORT

- During the 20<sup>th</sup> Graduation Day (Date: 20.11.2022), degrees were awarded to 498 Undergraduates and 68 Postgraduates in various disciplines.
- Student Selvi. Kavitha T of M.E. Structural Engineering has secured 8<sup>th</sup> rank and Selvi.
   Punithavalli M of M.E. Structural Engineering has secured 11<sup>th</sup> rank in Anna University and Selvi. Brijith A of MBA has secured 43<sup>rd</sup> rank in Anna University.
- Very recently (Date: 15.02.2022) our college is accredited by NAAC with A+ grade of 3.33 CGPA in its 1<sup>st</sup> Cycle. The UG programmes offered by the Department of Mechanical Engineering, Computer Science and Engineering, Electrical & Electronics Engineering are further accredited by NBA for three more years. The Department of Mechanical Engineering and Electrical & Electronics Engineering are recognized as Research Centres by Anna University, Chennai.
- We are in the process of becoming an Autonomous institution which will be realized shortly. M.I.E.T. Engineering College has an active NSS and YRC unit. In addition, we have applied to raise NCC unit to the concerned authority. All our classrooms are wellequipped with ICT facilities and the campus is a Wi-Fi enabled campus with a speed of 120 Mbps.

#### **NEW INITIATIVES**

- AICTE has approved to start three new courses, namely B.E. Biomedical Engineering, B.Tech. Information Technology & B.Tech. Artificial Intelligence and Data Science from the academic year 2022-2023.
- MOUs have been signed with National Highway Authority of India, BSNL, Siemens NITT, Ashok Layland limited, Lift India, Synergy school of business skills, IT Expert Training, iNeuron Intelligence Pvt. Ltd, Kothari Sugars and Chemicals LTD, K.V.M Industries, CADD centre training services, Pantech ProEd Pvt. Ltd, Sigma Pi Power Sources Limited, Electro solar Solutions, Sri Chellam Enterprises, Ozone cyber security, Bharakath Metal Builders, MK Tech, LIVEWIRE Training service centre and KG Lakshmi Parts & Co.

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#### **UNIVERSITY RESULTS**

 Around 88% of final year students got passed in the UG and PG end semesters examination conducted by Anna University, during April/May 2022.

#### RESEARCH AND DEVELOPMENT ACTIVITIES

- At present 34% of faculty members are doctorates. Four faculty members were awarded Ph.D degree during the academic year 2021-2022 and 8 more faculty members are pursuing their doctoral program. The faculty members have published 42 research papers in SCI Indexed; Scopus and UGC approved International journals during the academic year 2021-2022.
- The R&D cell organized a one-day seminar on "Inevitability of Research for Faculty in Higher Education" for faculty to understand the indispensable need of research.
- During the academic year 2021-2022, 4 faculty members are recognized as research supervisors by Anna University, Chennai.
- The faculty members have published 2 patents in Intellectual Property Rights, India.
- Around 31 proposals were submitted to the various Funding Agencies such as AICTE,
   CSIR, SERB, DST, TNSCST and DRDO.
- The institution received grant in aid of Rs. 2, 00,000 under the scheme of AICTE Mission
   Amrit Sarovar Jal Dharohar Sanrakshan Internship.
- The institution becomes an Institution of Engineers India IEI Life Institutional Member.
   The institution becomes Life Member in Indian Geotechnical Society from the academic year 2021-2022.
- The Institution becomes Institutional Member in Institution's Innovation Council (IIC) under Ministry of Education (MoE) and participated in various events conducted by IIC.

## FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

During the academic year 2021-2022, the following Faculty Development programs are organized.

- Communication Skills from 24.06.2021 to 26.06.2021
- Personality Development from 16.07.2021 to 18.07.2021.
- Life Skill Development from 30.07.2021 to 01.08.2021.
- Art of Research Writing from 20.08.2021 to 22.08.2021.
- Awareness of NAAC Accreditation from 27.08.2021 to 29.08.2021.
- Soft Skills from 17.09.2021 to 19.09.2021.
- MS-Excel from 01.10.2021 to 03.10.2021.

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- MS Word from 29.10.2021 to 31.10.2021.
- Green and Sustainable Energy Development from 11.02.2022 to 13.02.2022.
- Wireless Communication from 25.02.2022 to 27.02.2022.
- Art of Business Writing from 11.03.2022 to 13.03.2022.
- Process of NBA Accreditation from 25.03.2022 to 27.03.2022.
- Entrepreneurship from 10.06.2022 to 12.06.2022.
- Ground Water Improvement Techniques from 24.06.2022 to 26.06.2022.
- Introduction Programme for Basic Python from 24.06.2022 to 26.06.2022.
- Application of Data Science Using Python from 26.08.2022 to 28.08.2022.

#### STUDENT TRAINING PROGRAMMES ORGANIZED

During the academic year 2021-2022 the following student training programs are organized.

## **Gust Lectures Organized**

- Radioactivity in Building Materials on 04.08.2022.
- Performance Improvement of Solar Photovoltaic Modules on 27.05.2022.
- Recent Trends, Technologies and Opportunities in Mechanical Engineering on 13.05.2022.
- Recent Trends, Technologies and Opportunities in Electrical and Electronics Engineering on 11.04.2022.
- Integrated Waste Management for a Smart City on 24.08.2022.
- Industries 4.0 on 27.04.2022
- Open Source Operating System for IoT Devices on 19.04.2022.

#### Seminars organized

- Issue Tracking and Project Management Tool on 25.04.2022.
- Octave Programming Language on 05.04.2022.
- ANGULAR JS on 21.03.2022.
- Recent Softwares in Steel Detailing on 18.05.2022.
- Employability skills for future on 11.03.2022.
- Industrial Expectations and Career Guidance on 18.04.2022
- Heating, Ventilation and Air-Conditioning on 01.04.2022.

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# FDP/ WORKSHOP/CONFERENCES ATTENDED BY FACULTY MEMBERS

Fifty five faculty members from various departments have attended in FDP/ Workshop/Seminar/Conferences organized by reputed Institutions.

#### LIBRARY

- Library is the life blood of an academic institution and a fully automated modern Library
  and an outstanding learning resource centre catering the ever growing and
  uncompromising information and intellectual requirements of the students, the faculties
  and researchers.
- The library has a total collection of more than 45,274 volumes of books with 16808 titles relating to various engineering disciplines and Science & Humanities.
- The books are classified according to DDC scheme of library classification 21<sup>st</sup> edition.
   The library is adding latest engineering books regularly.
- Most of the library activities are computerized using NIRMALS an integrated library software package with Barcode Technology.
- Total value of the books available in the library, as on today is Rs.150 lakhs and every
  academic year more than 20 lakhs rupees is being spent towards strengthening the
  resources and facilities of the library.
- M.I.E.T. Engineering College library has subscribed 461 Springer E-journal for the value of around Rs.2.94 lakhs in the last academic year.
- The detailed NPTEL course materials can be accessed from the intranet web server. Our library has an official membership with DELNET, IEI and National Digital Library.
- The web OPAC Digital Catalogue is available in the Institute LAN and also in the college website to access the books and journal articles.

## TRAINING AND PLACEMENT

 In the academic year 2021-2022, 368 students got placed in leading companies namely TCS, Infosys, CTS, Wipro, Accenture, HCL, Amazon, Flipkart, Zoho, TVS Sundaram Fasteners Limited, Tech Mahindra Ltd, Foxconn. Delphi TVS, MRF, Sakthi Auto Components Pvt Ltd etc.

IQAC Coordinator

IOAC OLL

Principal

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