



Marathwada Mitramandal's COLLEGE OF ENGINEERING

Karvenagar, Pune - 52.

Permanently Affiliated to
Savitribai Phule Pune University

Recipient of 'Best College' award by SPPU in 2018-19
Recognized by UGC under 2(f) and 12(B) of UGC Act 1956

Academic Year : 2024-25
DTE Institute Code : 6156



An Autonomous Institute



Approved by AICTE



Recognized by DTE



Accredited with 'A++' Grade by NAAC



Accredited by National Board of Accreditation (NBA)



Marathwada Mitramandal's College of Engineering

Marathwada Mitramandal's College of Engineering was established in 2006. The institute has made a significant imprint on the educational landscape of the state. MMCOE is accredited with A++ Grade by NAAC and has been awarded the Best College by Savitribai Phule Pune University. Also, various programmes offered here have been accredited by the National Board of Accreditation (NBA). MMCOE is run by a capable, dedicated, committed, supportive team of over 250 faculty and staff, working with a focused Vision & Mission.

Vision :

To aspire for the Welfare of Society through excellence in Science and Technology.

Mission :

- ◆ Mould young talent for higher endeavours
- ◆ Meet the challenges of globalization
- ◆ Commit for social progress with values and ethics
- ◆ Orient faculty and students for research and development
- ◆ Emphasize excellence in all disciplines

Marathwada Mitramandal

Marathwada Mitramandal Pune was established in 1967, by Hon. Late Shri Shankarraoji Chavan, Ex. Chief Minister, Maharashtra & former Home Minister, Government of India; and subsequently grown under the patronship of Hon. Late Vilasraoji Deshmukh, Ex. Chief Minister, Maharashtra & Former Industries Minister, Government of India. From a humble beginning of a hostel facility for students from Marathwada region; it has grown into a full-fledged educational group spread over four state-of-the-art campuses in Pune at Deccan Gymkhana, Karvenagar, Lohegaon and Kalewadi. It caters to the needs of students from Engineering, Interior Design, Management, Law, Commerce, Science, Pharmacy, Architecture and vocational courses in associated areas. At present, over 20,000 students are pursuing their career with us.



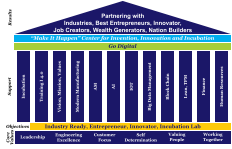
www.mmcoe.edu.in

Sr. No. 18, Plot No. 5/3, CTS. No. 205, Behind Vandevi Temple, Karvenagar, Pune -411052 | Tel. : 7720097780 / 81 / 82
Extn.: 206, 660 (Office), 362 (First Year Engg.), 356 (Mech.), 272 (E&TC), 361 (Comp.), 287 (IT), 355 (Elect.), 606 (MBA)

Foundation for Make It Happen Center for Invention, Innovation and Incubation (FMCIII)



World-class Training Hall



House of MMCIII



MMCIII

The Foundation for Make It Happen Center for Invention, Innovation and Incubation (FMCIII) was established in 2020 as a Section 8 (Non-Profit) Company, by Marathwada Mitramandal, Pune in collaboration with Tata Technologies Ltd. (TTL) and Science & Technology Park (STP), Pune. It is located at MMCOE Campus, Karvenagar, Pune.

While technology evolves at an escalated pace, it is very critical to choose a right place for up scaling a young generation who are the future in nation building. The increasing adoption of automation, data analytics and new technologies will continue to drastically change the future of work.

With the present focus and major support in line with 'Atmanirbhar Bharat' (becoming self-reliant), there are humongous opportunities of indigenization, and that's why start-ups are going to play a vital role. The center is equipped with all the required facilities and support with mentors. This is helping in establishing new start-ups with a hands-on approach and making people ready with the latest technologies required for Industry 4.0 and others. The center is spread over 12,000 sq. feet with an investment of over Rs. 30 Crores. The salient features are:

- ◆ Plug and play start-up incubator with overall support (including seed funding) with capacity to incubate an average of 50+ companies at a time.
- ◆ Research facilities for industry and individuals include high end industry grade softwares, technology R&D center, advanced manufacturing center and domain exploration center.
- ◆ Helps Innovators to develop and invent for the current and future requirements of new products, services and processes. These are assisted by the experts from Tata Technologies Ltd.
- ◆ Promotes various (Technical/Non-technical, Bio/Fintech/Agri/Pharmacy) startups and provides customized Co-working Space for Individuals, Individual Cabins with team, Separate workspaces for Assembly & Manufacturing Units, Corporate Offices, Meeting Halls, Discussion rooms, War Room with the facilities of Guest house, Wi-Fi, Pantry, D.G. Backup, Office boy, Reception and Security in a safe environment.
- ◆ Tie-ups with many National and International VCs, PEs and Angel Investors
- ◆ Preference to Job Creator over Job seeker
- ◆ Incubators seed the potentially disruptive ideas intending to create a viable business model. Here the startups gain co-working space, structured funding, mentorship in the technology and financial domains as well as in-depth knowledge of the industry itself.

Centers of Excellence at MMCOE

- ◆ Automation & Robotics by Mechanical Department
- ◆ Computational Intelligence by IT Department
- ◆ Blockchain Technology by IT Department
- ◆ Center of Excellence in Automation and Control (PLC/SCADA) by Electrical
- ◆ Advanced Embedded and Signal Processing by E&TC
- ◆ Augmented reality & Virtual Reality by AI&DS
- ◆ High Performance Computing by Computer Engineering Department
- ◆ Cyber Security by Computer Engineering Department

Prominent Labs at MMCOE

- ◆ Texas instrument Analog Electronics Lab
- ◆ Robotics Lab by B&R
- ◆ Cadence Lab (VLSI Design)
- ◆ KPIT Co Branded Lab
- ◆ Refrigeration & Air-Conditioning Lab Equipment sponsored by ASHRAE & Cosmic Refrigeration Pvt. Ltd.
- ◆ Industry Sponsored product development center by Mechatol Product Engineering Solutions Pvt. Ltd.
- ◆ Refrigeration and Air conditioning
- ◆ Mechatronics Lab
- ◆ Kinematics of Machinery
- ◆ Dynamic of Machinery
- ◆ Engineering Metallurgy
- ◆ Turbo Machinery
- ◆ Heat Transfer
- ◆ CAD and CAE
- ◆ Industrial IoT Lab
- ◆ Augmented Reality & Virtual Reality Lab
- ◆ Blockchain Technology in association with IEEE Pune Blockchain Group & SoftTech Data Securities
- ◆ IOT Laboratory in association with ATS Infotech
- ◆ Center of Excellence in Computational Intelligence
- ◆ Automation and Control
- ◆ Power Electronics and Drives
- ◆ High Voltage Engineering
- ◆ Renewable Energy Sources
- ◆ Electrical Machines
- ◆ Industrial IoT Lab
- ◆ Augmented reality & Virtual Reality Lab
- ◆ Data Centric AIML Lab
- ◆ Research Laboratory

Eminent Guests visited the Campus

- ◆ Dr. Hoang Duc-Trung, Université de Clermont Auvergne, France A.Y. 2023-24
- ◆ Dr. Wanus Srimaharaj, Payap University, Thailand
- ◆ Mayank Shrivastav, AICTE, ATAL
- ◆ Ms. Dhanashri Bhat, CTO, Persistent Systems
- ◆ Mr. Vedant Paranaik, University at Buffalo, New York
- ◆ Dr. Santosh S. Hosmani, Professor in Metallurgy Engineering and Material Science, IIT Indore
- ◆ Dr. S. M. Shendokar, North Carolina University, USA
- ◆ Dr. Rashmi Walvekar, Xiamen University, Malaysia
- ◆ Dr. M. M. Awad, Associate Professor, Mechanical Power Engineering Department, Faculty of Engineering, Mansoura University, Egypt
- ◆ Mr. Mukund Ranade, Ex. Head R&D, Thermax Ltd., Pune
- ◆ Mr. Ajay Deshpande, Sr. Director, ICERTIS
- ◆ Dr. Karthika Vijayan, Solution Consultant, Sahaj Software
- ◆ Mr. Ajay Khot, Data Scientist, Sahaj Software
- ◆ Dr. Vinod Pachghare, Associate Professor, COEP, Pune
- ◆ Dr. Damodar Reddy Edla, Associate Professor, NIT Goa
- ◆ Mr. Sunil Gavli, Additional Executive Engineer, MSEDCL, Dhanukar Section, Pune
- ◆ Mr. Sourav Bangade, Manager, Powergrid, India
- ◆ Mr. Jatin Panchal, Brand Manager Cables, Polycab India Ltd.
- ◆ Mr. Debajyoti Mukherjee, Vice-President Technical, Polycab India Ltd.
- ◆ Dr. Madhukant Patel, Former ISRO Scientist
- ◆ Mr. Narendra Sancheti, MD Santron Meditronics
- ◆ Dr. Kavi Arya, Professor and Principal Investigator, e-Yantra
- ◆ Dr. Wanus Srimaharaj, The International College, Payap University
- ◆ Dr. Supansa Chaising, School of Management, Mae Fah Luang University
- ◆ Mr. Saudagar Barde, CEO, Pixafli Technologies, Pune
- ◆ Mr. Yogesh Murumkar, CEO, Bharat Soft. Pvt. Ltd., Pune
- ◆ Mr. Akshay Singhal, Principal Technical Analyst, Dista Technologies, Pune
- ◆ Mr. Chinmay Bhagwat, Vice President, Dista Technologies, Pune
- ◆ Mr. Nitin Makhija, Director, Technology Risk Management Financial Services
- ◆ Dr. G. K. Shirude, Vice Chancellor, Sri Balaji University, Pune
- ◆ Mr. Ronak Shah, Vice President, HDFC Bank
- ◆ Mr. Rajesh Dhongade, VP, Kalyani Forge Ltd.
- ◆ Dr. Rakesh Suram, BOS Member of Accountancy, SPPU
- ◆ Mr. Kartikeya Pansare, HR-HCL

MOUs

- | | |
|-----------------------------------------------------------|-----------------------------------------------------|
| ◆ Mechatol Product Engineering Solutions, Private Limited | ◆ Extremity India Pvt. Ltd. |
| ◆ Athena Automation | ◆ Animationwala.com |
| ◆ Cybervault Securities Solutions Pvt. Ltd. | ◆ Linkedloop Technologies Pvt. Ltd. |
| ◆ Agilesoft Methodologies | ◆ WhizKeys OPC Ltd. |
| ◆ Kasnet Technologies Pvt. Ltd. | ◆ Sunshine Powertronics |
| ◆ Hirameki Solutions | ◆ Theta Measurement and Control Solutions Pvt. Ltd. |
| ◆ ecoRise Software Solutions LLP | ◆ A Techno Embedded Solutions OPC Pvt. Ltd. |
| ◆ Bharat Soft Solutions | ◆ Avid Technology |
| ◆ SoftTech Data Securities | ◆ Celonis SE, Germany |
| ◆ Athena Automation | ◆ BSNL RTTC |
| ◆ Passion Infotech | ◆ Pixafli Technologies Pvt. Ltd. |
| ◆ Carving IT | ◆ Octagon Precision (India) Pvt. Ltd. |
| ◆ Automation Edge | ◆ BharatSoft Pvt. Ltd. |
| ◆ Amphinity Power Solutions | ◆ Luna Systems, Dublin, Ireland |
| ◆ Polycab Pvt. Ltd. | ◆ Intel Unnati |
| ◆ B & R Industrial Automation Pvt. Ltd. | ◆ Cyber Secured India |
| ◆ Indio-Networks Pvt. Ltd. | ◆ India Forensic Consultancy Services |
| ◆ Snapper Future Tech Pvt. Ltd. | ◆ Thought River EduTech Pvt. Ltd. |
| ◆ Atomics Loops | ◆ Newton Software Pvt. Ltd. |
| ◆ AICTE-Eduskills | |

Extra-curricular Activities

- ◆ Ensemble 2K24
- ◆ Karmanta 2024
- ◆ Old Age Home Visit
- ◆ Orphanage Visits
- ◆ Inter-collegiate Competitions
- ◆ Cultural Cell
- ◆ NCC
- ◆ NSS
- ◆ Ensemble (Cultural Event)
- ◆ CSR-Aadhar Club
- ◆ Joy of Giving Club
- ◆ Community development at Shivbhumi Vidyalay, Dnyanda Prathamik Shala
- ◆ "Career Var Bolu Kahi" by Chankya Mandal Parivar
- ◆ Shri Saraswati Vidya Mandir school students visit to our college

Students' Achievements

- Team ACHILLES got the 'Overall Dynamic Tests Award' Effi-Que ADAS category (Break test, Drive excellence test, Gradient test, Acceleration test, Collagen test) with prize money of Rs. 20000/- in SAE Efficycle 2024 event held at LPU, Panjab
- Mr. Rohan Fargade, Mr. Jineet Vaishnav from TE IT secured 2nd prize, DesignX at PES Modern COE, Pune
- Mr. Umakant Shinde, Ms. Anushka Phadtare from TE IT secured 1st Prize, Hackforge Hackathon PES Modern COE, Pune
- Mr. Yash Kamthe from TE IT Published Patent on Pedigree Analysis at Indian Patent Office
- Eleven students from IT Department in top 10 rank of SPPU University Examination in AY 2020-21 & AY 2021-22
- Mr. Aditya Shivarkar from TE IT secured 1st Prize at All India Sea Training Camp, NCC Camp
- Ms. Sanika Kelkar from TE IT won Gold Medal, Artistic Group event at Asmita Khelo India Womens Yogasana League 2024, Jabalpur (West Zone)
- Effi-Cycle team Achilles secured all over India 2nd rank at SAEINDIA Effi-Cycle 2024 event held at LPU, Jalandhar, Punjab
- Sharv Bodhani - Certificate of Achievement and Appreciation for completing Rotary Youth Exchange as an international ambassador to Germany
- Diya Modi, Sarthak Birajdar, Omkar Gole are the winners of COEP ZEST'24 Box Cricket
- Chinmayee Deshmukh, Sahana Deshpande, Siddhant Deshmukh received 2nd position at Yukti-Techtonic held at Smt. Kashibai Navale College of Engineering, Vadgaon
- Students Project automated Workspace got selected for the prototyping phase of I2i Project competition initiated by BHAU institute @ COEP
- Sumit Pradeep Kolpe, Nupur Pushkar Bhatkhande, Prayag Ravindra Adage, and Shrunkhal Pandurang Lokhande - National Level Hackathon conducted at Bangalore by PANIIT and banded 4th rank with securing Rs. 50,000
- Sumit Pradeep Kolpe, Nupur Pushkar Bhatkhande, Prayag Ravindra Adage, and Shrunkhal Pandurang Lokhande participated in a hackathon at MIT College of Railway Engineering and Research, Barshi, and grabbed 2nd rank with Rs. 30,000
- Kartik Tamthe and the group won 1st prize at Ideathon at Sinhgad College of Engineering, Pune
- Anuj Dengale SE Computer secured Gold Medal in Hammer Throw event in SPPU Pune City Zone Intercollegiate Athletics Meet 2023-2024
- SPPU Inter Zonal Competition Secured 1st Prize in basketball 2023-24
- Gold Medal in Maharashtra Olympics (Basketball), Pune in Jan-2023
- Prasad Babar, Pavan Vaidya, Mansi Prasad and Krutika Khandazode participated in IEEE IC HACK 2.0 at the National level in the domain of Healthcare. In the second phase, the team secured 5th Rank
- Sahil Sarkate to be named as Student Ambassador, Microsoft Learn and Promoted to Alpha MLSA for Microsoft
- Om Thakkar and Yuvraj Singh Sukhmani students of TE-II Computer Engineering secured a seed funding of Rs. 1 lakh from the company Worqhat, Retrieve, under the leadership of the young student entrepreneurs
- A team of seven FE students (Aary Joshi, Piyush Patel, Rucha Joshi, Dhaval Desai, Bhushan Anokar, Swanand Mukkawar, Ojas Panse) from the Department of Engineering Sciences, MMCOE were selected & participated in the workshop 'Climate Clock Assembly and Display' conducted by Swaraj Energy Foundation in collaboration with MIT World Peace University
- Shreyash Daware and Kush Honkalse from the Department of Engineering Sciences, MMCOE won the first prize at the 'Marvels of Mathematics' poster presentation at the Interdisciplinary School of Science, Savitribai Phule Pune University, Pune, Maharashtra
- Pinak Sapre from the Department of Engineering Sciences, MMCOE secured 2nd Prize for Playback singer in Firodiya Karandak 2k24

Co-Curricular Activities

Clubs : SAEINDIA-Collegiate Club, Robocon, Micdrop, IT Tech Club, EESA Sports Club, Cultural Club, Career Development Club, RC Drone Club, Electronics Hobby Club, Neura Club, GDSC : Google Developer Students Club, CODE : Code of Developers and Engineers, MLSC: Microsoft Learn Students Club, Aadhar Club

Skill Development : Dimensioning and Tolerancing (GD & T), Solid Work, MD Solid 4.0, Python for Machine Learning, Hackathon, Project Based Learning, Soft Skill Session, Design of Solar PV System, Industrial Automation, Basic Python Programming, Java Language, Salesforce, Database Technologies: SQL and NoSQL, Data Structures with Industry Aspects, C Programming, OOP with C++ , Blender : Open Source Tool for Animation, Python Programming and Machine Learning, Core Java Programming, AWS Cloud Foundation Course, Web Technology

Add-On Teaching Learning : Four Wall Activity, SWOT Analysis of PDD, Industrial Visit, Guest Lectures, Seminars, Visit to Exhibition, Infosys Springboard Certification Courses, Industry Sponsored Projects, Circuit Making Competitions, Innovative Business Idea Presentation Competition, Workshops, Spoken Tutorial Courses

Employability Enhancement Skills : Special support for GATE, Personality Development, Japanese Language Training, Session on GATE Examination, Session on "Resume Evaluation and Suggestions, Resume Screening, Group Discussions, Mock Interviews, MCAT Aptitude Tests

Experiential Learning : Coding Competitions, Technical Hands on Session, Hackathons, Project Competition, Product Development, Visit to 400 kV Jeurji Substation, Troubleshooting of Induction motor through visit at repair shop, To identify material used in an electrical appliance, classify the material and name other application of the same material, Building a mobile phone charger, Disassembling a computer, laptop to study its internal architecture, Dexterity (National Technical Event), Mindstorm- PBL Exhibition, Book Review Competition, SIP Presentation Competition, Phoenix 2k23

Corporate Relations Division

Campus Placement

Number of Companies visited for campus placement during (2023-24) : 100+
 Highest package (Overseas) : Rs. 22.7 LPA
 Highest package (Domestic) : Rs. 8 LPA
 Average Salary : Rs. 5.13 LPA
 Students Placed : 208 (Ongoing)
 Internship : 810 (Ongoing)

Corporate Relations Division conducts Training Modules for : Personality Development, Managerial and Leadership skills, Business awareness etc.

- Personal Effectiveness through Self-Assessment
- English Language
- Communication and Presentation
- Written Communications
- Effectiveness at the Workplace
- Job Search
- Interpersonal & Team Building
- Cross-Cultural Skills
- Managerial & Leadership
- Creativity & Problem Solving
- Ethics & Values
- Career Planning Sales & Customer Service
- Commercial Awareness
- Aptitude Test Training
- Business Awareness & General Knowledge

OUR PROMINENT RECRUITERS



| Branch & Choice Code | Intake | | Career Options |
|-------------------------------------------------------|------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | B.Tech. | M.Tech. | |
| Computer Engineering 615624510 | 120 | Computer Engg. :18 | Data Science, Artificial Intelligence (AI), Big Data Analytics, High Performance Computing (HPC), Machine Learning, Database Engineering, Computer Networks, Cyber Security, IOT AI, Big Data Analytics, Networks, Cyber Security, Machine Learning |
| Electrical Engineering 615629310 | 60 & Working Professional : 30 | Power Electronics & Drives : 06 | Public Sector, Power Sector, Software Development, Maintenance Engineering, Contractor & Supervisor, Energy Auditor, Chartered Engineer, Electrical Vehicles |
| Electronics & Telecommunications 615637210 | 120 | VLSI & Embedded System : 06 | Internet of Things (IoT), Robotics & Automation, Industry 4.0, Wireless Communications-4G, 5G, Artificial Intelligence, VLSI, Computer Networking, Satellite communication, Embedded Systems & Power Electronics, Data Science, Robotics, BlockChain Technology |
| Information Technology 615624610 | 120 | Data Science : 06 | Software Development & Testing, Cyber Security, Cloud Computing, Big Data Analytics, IoT, Machine Learning, Artificial Intelligence, Database Management, Data Engineer, Blockchain, Data Science |
| Mechanical Engineering 615661210 | 120 & Working Professional : 30 | Mechanical - Design Engg. : 06 | Machine Design, System Modeling, Simulation, Robotics, Mechatronics, Rapid Prototyping, 3D Printing, Composite Materials, Automotive & Electrical Vehicles, Manufacturing Sector, HVAC Systems, Energy Engineering and Process Industry, Robotics, Data Science, Public Sector, Power Sector, Software Development Mechanical Design Engineer, Design Quality Assurance Manager, Engineering, Service, Teaching, Designing Machines & Tools |
| Artificial Intelligence and Data Science 615699510 | 120 | | Artificial Intelligence Engineer, Data Scientist, Data Analysis, Machine Learning Engineer, Machine Learning Architect, Product Analyst, Software Architect, Data Warehouse Engineer, Product Manager, Front-end Developer, Full Stack Developer |
| MBA 615610110 | | 60 | Accounts & Finance Consultant, Stock Market Analysis, Digital Marketing, Supply Chain & Logistics, Business Development, Management Consultancy & Research, Business Analytics, Sales & Distribution, HR & OD (Organizational Development), BFSI Sector, Corporate Finance |
| Ph.D Research Center in Computer Engineering | | | |

Hostel Facility

- ◆ On campus, Wi-Fi enabled Boys hostel and Girls hostel with capacity to accommodate 439 students (Boys : 264 and Girls : 175)
- ◆ Fully furnished hostel rooms with attached bathroom, hot water facility through Solar System
- ◆ Health care facility and Professional Counselor for students

Students Activities



Techno Connect : Visit to Rural School



Global Conference : GconSft 23



Visit to MSME Defence Expo



Team Achilles won the SAEINDIA Effi-Cycle 2024 event, securing the 2nd rank in the Effi-Que ADAS category



Climate Clock Assembly and Display by Engineering Science Students



Visit to Indian National Centre for Ocean Information Services (INCOIS)

Industry Connect through Professional Bodies / Students' Chapters

- ◆ CII
- ◆ ISHRAE
- ◆ ACM
- ◆ ISRD
- ◆ GDSC
- ◆ IE(I)
- ◆ TATA
- ◆ ASHRAE
- ◆ IETE
- ◆ DICCI
- ◆ IEEE
- ◆ ISACA
- ◆ MCCA
- ◆ SAEINDIA
- ◆ CSI
- ◆ ISTE
- ◆ STP
- ◆ S4DS

Eligibility Criteria for Admission to Degree Courses in First Year Engineering

- ◆ Eligibility - Passed XII th and CET / JEE score mandatory
- ◆ For details refer to Rules of State Common Entrance Test Cell, Government of Maharashtra : <https://cetcell.mahacet.org/>

Call Our Admission Counsellors for Details

| | | |
|------------------------|---------------------------|------------|
| Computer Engineering | Prof. Vandana Rupnar | 9922114679 |
| | Prof. Mayuri Narkhede | 7385456408 |
| Information Technology | Prof. Preeti Joshi | 9225524663 |
| | Dr. Swapnaja Ubale | 8605705655 |
| Electrical Engineering | Prof. Sunita Upasani | 9922558386 |
| | Prof. Samarpita Bakshi | 7387531528 |
| E&TC Engineering | Prof. Sampada Tavse | 9890654648 |
| | Prof. Anup Dakre | 9860287626 |
| Mechanical Engineering | Prof. Nishant R. Sukalkar | 9767273428 |
| | Dr. Rahul S. Yadav | 9975350589 |
| AI&DS Engineering | Prof. Sonali Potdar | 9168409481 |
| | Prof. Shrikant Shinde | 9689930843 |
| MBA | CA Sanu Purandare | 9326713344 |