



Marathwada Mitramandal's  
**COLLEGE OF ENGINEERING**

S.No.18, Plot No.5/3, Karvenagar, Pune-411 052

*Accredited with 'A++' Grade by NAAC*

*Accredited by NBA (Electrical and Mechanical Engg. Department)*

*Recipient of 'Best College Award 2019' of SPPU*

*Recognized under section 2(f) and 12B of UGC Act 1956*

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## Criterion 7

### 7.3. Institute Distinctiveness

#### **'Foundation for Make it Happen Center for Invention, Innovation and Incubation (FMCIII)'**

The vision of the institute is to aspire for the welfare of society through excellence in science and technology, the institution consistently inspires students and provides a platform for technical skill development, multidisciplinary project development, entrepreneurship development, and ethical and human value development. In line with the motto of Marathwada Mitramandal Trust "*Yetha Bahutanche Hit*" (*Welfare of Masses*), the Marathwada Mitramandal's College of Engineering has taken a bold step forward in establishing the '**Foundation for Make It happen Center for Invention, Innovation and Incubation (FMCIII)**' in 2018 by partnering with Tata Technologies Ltd. (TTL), a leading global engineering service provider and Science & Technology Park, Pune (STP), a leading technology business incubator. It is located and functions on the campus of Marathwada Mitramandal's College of Engineering, Karvenagar, Pune. Dr. K. R. Patil, Professor in Mechanical Engineering Department is coordinator of FMCIII. The various activities of FMCIII are coordinated by the team members of institute.

In-line with Atmanirbhar Bharat (becoming self-reliant), there are enormous opportunities of indigenization and therefore start-ups are going to play a vital role. The FMCIII provides an ecosystem for enhancing skills among employable persons and identifying, promoting and supporting start-ups and budding entrepreneurs to successfully set up new enterprises. The center is equipped with all start-up related facilities and services to enable entrepreneurs to fulfill their objectives. The center is equipped with all the required facilities and support from mentors. This helps 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.

#### **Salient Features of FMCIII:**

- The center is spread over 12,000 sq feet with an investment of over Rs. 30 Crores out of which Rs. 16.5 Crores in kind is donated by Tata Technologies Ltd. for manufacturing facilities, high-end softwares, Hardwares, display units etc.
- Provides research facilities for industry and individuals.

- Makes students deployable by providing high-end & industry specific trainings designed and delivered by Tata Technologies Ltd. and other industry partners (Joint Certification from TTL, STP and MMM).
- Plug and play start-up incubator with overall support (including seed funding) with a capacity to incubate an average of 50+ industries at a time.
- Provides strong mentorship to those who want to invent new products, services and processes and to those who want to set up their own companies. These are assisted by experts from Tata Technologies Ltd. and Science & Technology Park.
- 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, Genset Backup, Office boy, Reception and Security.
- Provides support for IPR and technology management – patents, copyrights, design registration, etc. and its commercialization.
- Creates a mechanism for access to raise capital for start-ups like seed money, angel investment, venture capital, private equity etc.

The activities of FMCIII are carried out under four sub-centers as follows:

- 1. Advanced Technology R & D Center-** It has 10 High-end workstations and 87 Industry grade software's to enable Engineers/ innovators to build complete solutions.
- 2. Advanced Manufacturing Center-** It comprises of
  - 3D printer & 3D Scanner for re-engineering and upgradation
  - Industrial robotic cell for Arc welding
  - Vertical Milling Center (VMC)
  - CNC Lathe Machine
- 3. Domain Exploration Center-** It comprises of
  - Sports Utility Vehicle (SUV) working model cut section with 30 assemblies
  - Complete Electric Vehicle (EV) kit
  - Electrical & Electronic Accessories
  - Display units
- 4. Incubation Center-** Facilities in this center are
  - Access to Prototyping Lab
  - Co-working space & Technology Guidance
  - Mentorship for Incubation, Start-ups, and Accelerators
  - Peer network & other assistance

## Outcomes of FMCIII for AY 2022-23 (From 01 June 2022 to 31 May 2023)

### Training Programs Organized:

Activities	Programs	Participants
Faculty Development Programs (FDP)	02	31
Training Programs for Students	10	105

### Startups:

MMCOE Alumni Startups	03 Continue
MMIT Alumni Startups	01 Continue
Other Startups	35 Continue

### Funds received from Apex Bodies:

Funding Agency	Amount Received (Rs.)
Startup India Seed Funding Scheme (SISFS)	01 Crore
DST Nidhi Prayas Scheme	10 Lakh
DST Nidhi EIR Scheme	3.6 Lakh
CSR Fund	11 Lakh
<b>Total</b>	<b>1.246 Crore</b>

### Internships and Sponsored Projects provided by Startups:

Activities	No. of Students Benefited
Internships provided to students	62
Sponsored Projects	14

### Placement:

Activities	No. of Students Placed
Placement provided by Startups	8
Placement provided after trainings	8

### Events:

Sr. No.	Event Name	No. of participants
1	Industries meet	105
2	Investors interactions	08
3	Startup exhibition	455
4	Startup Guidance	66
5	Pitch deck support lecture by expert	13
6	Industry Visit	15



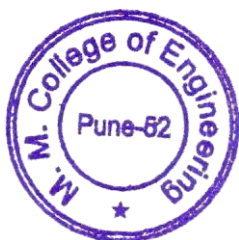
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**CEO, FMCIII**

With the thrust of academic and technical excellence, the institute motivates and supports students to participate in various national and international competitions like BAJA SAE International, BAJA SAEINDIA, ROBOCON, SUPRA SAEINDIA, SAEINDIA NIS EffiCycle, Aero Design SAEINDIA, Hackathon etc. The consistent participation and evidences prove the distinctiveness of the institute across the globe. Students learn various skills like ethics, team building, technical, presentation, project management and financial management. They also test their physical strength, experience healthy competition environment and global standards by participating in such globally recognized competitions. The institute not only encourages students to participate but also provides financial support.

Table shows the participation in various events by our students and the financial support provided by the institute in **A.Y. 2022-23**

Sr. No	Name of Event	Financial Support Provided by Institute (Rs.)
1	SAEINDIA Activities	10,01,910
2	Robocon	1,82,309
3	Dexterity	3,94,000
4	Fee Waiver Scheme	14,00,251
5	Ensemble	15,30,600
6	Smart India Hackathon & Zenith Astronomy Club	6,720
7	Efficycle	3,14,340
8	Faculty Development Expenses	1,57,300
	<b>Total</b>	<b>49,87,430</b>



**PRINCIPAL**  
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