



‘येथे बहुतांचे हित’  
(Welfare of Masses)

“Techno-Social Excellence”

## Marathwada Mitramandal's Institute of Technology (MMIT)

Survey No. 35, Plot No.5/6, Vadgaon Shinde Road, Lohgaon, Pune - 411 047

Ph. : +91 74477 86623 / 74477 86624 | Website : [www.mmit.edu.in](http://www.mmit.edu.in)

Approved by AICTE, New Delhi, Recognised by DTE, M.S.Mumbai, Affiliated to Savitribai Phule Pune University







‘येथे बहुतांचे हित’  
(Welfare of Masses)

## Marathwada Mitramandal, Pune

### MISSION OF THE TRUST

To impart quality education for professional excellence and sustainable development through continual improvement and team work

### SOLE OBJECTIVE OF THE TRUST

‘येथे बहुतांचे हित’  
(Welfare of Masses)

The trust "Marathwada Mitramandal, Pune" was established in 1967 by Hon. (Late) Shri. Shankarraoji Chavan, Former Home Minister, Govt. of India as the "Founder President".

The trust had started its activity with the objective of providing Hostel or similar accommodation in Pune to the students. This trust is established through the inspiration of socially and educationally charged personalities, with motto ‘येथे बहुतांचे हित’ (Welfare of Masses). Mass education, co-education and dedication towards overall development of the region are watchwords of the trust. At its various educational campuses the trust has created excellent facilities of education catering the need of Architecture, Interior Design, Management, Law, Commerce, Pharmacy, Engineering, etc, which provide excellent education to more than 15,000 students.

### EXECUTIVE COMMITTEE

#### Shri S. D. Ganage

B.E., M.M.S., Industrialist

President

#### Dr. S. B. Jadhav

M.Sc.(Agri.), Ph.D.,

Vice - President

#### Shri A. S. Pawar

Civil Engineer

Treasurer

#### Dr. S. H. Gawhane

M.Sc., Ph.D.

Member

#### Shri T. P. Niwalikar

M.A.

Member

#### Prin. B. G. Jadhav

D.Lit. (USA), M.Com., MIMA, Academician

Executive President

#### Dr. N. V. Birajdar

M.Sc., Ph.D., Academician

Dy. Ex. President

#### Shri N. T. Kitekar

FCA, AICWA

Joint - Secretary

#### Dr. V. S. Patil

M.S., Surgeon

Member

#### Shri S. S. Suryawanshi

M.Com., ACA.

Member

#### Dr. M. V. Suryawanshi

M.Sc., Ph.D., Ex - Chairman - MPSC

Vice - President

#### Shri K. H. Mungale

Industrialist

Secretary

#### Shri S. S. Garge

B.E., Senior Executive

Joint - Secretary

#### Prin. D. S. Bhandari

M.Com., M.A.

Member

#### Shri J. M. Pawar

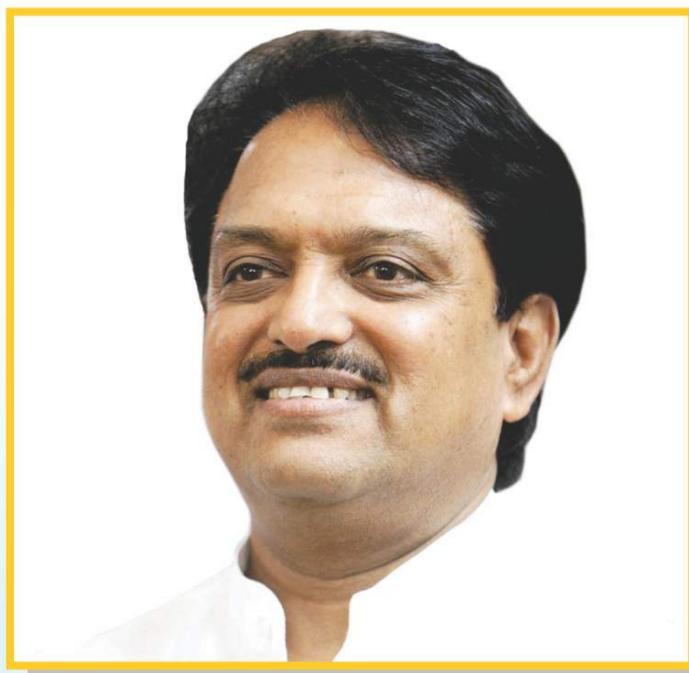
B.Sc., M.C.M.

Member

## OUR INSPIRATION

**Hon. Late Shri. Shankarraoji Chavan**

Ex - Home Minister, Govt. of India,  
Ex - Chief Minister of Maharashtra State  
Founder President - Marathwada Mitramandal, Pune

**Hon. Late Shri. Vilasraoji Deshmukh**

Ex - Cabinet Minister of Science & Technology & Earth Sciences,  
Govt. of India., Ex - Chief Minister of Maharashtra State  
Ex - President - Marathwada Mitramandal, Pune





**Dr. Rupesh V. Bhortake**  
Ph. D. (Mechanical Engineering)

Dear Friends,

Wishing you the season's greetings from Management, Faculty and Staff of 'Marathwada Mitramandal's Institute of Technology (MMIT), Lohgaon, Pune. It gives us a great pleasure to put forward the VISION, MISSION, CORE VALUES. MMIT strives for imparting quality technical education by adopting best possible standards for continual improvement in skills with awareness of social responsibilities to meet expectations of stake holders of institute. We are committed to promote value based engineering education as per the need and expectations of industries, society. The teaching faculty members are well experienced, qualified and devoted to overall development of students.

We at MMIT, believe in learning by capturing set of experiences and enable one to explore new realms of wisdom.

At our institute, efforts are directed to accommodate and address the expectations of each student by the way of imparting quality education for professional excellence and sustainable development through continual improvement and team work.

The institute has sprawling and lush green beautifully planned spacious modern infrastructure and hostel facility spread over 14 acres. The courses offered at institute provide in depth knowledge of Mechanical, Electronics & telecommunication and Computer Engineering which enable them to develop their professional skills. The Institute is imparting employability skills development training to the students through professional training institute. We provide 100% placement opportunities to eligible students. Our alumni have been placed in reputed organizations like Tata Motors, Cognizant Technology Solutions, Capgemini, Tech Mahindra, Infosys Technologies, L & T Infotech, Synechron, Persistent Systems Ltd., Kirloskar Group, Mahindra & Mahindra etc.

We have established multiple cells at institute such as SAEINDIA Collegiate Club, Robotic Club, Incubation Centre Entrepreneurship Development Cell, Departmental students associations and Training & Placement cell. The students are motivated to actively participate in co-curricular and extra-curricular activities. They have won many prizes to institute in cultural events such as BAJA, Zest, Dexterity and technical events like ROBOCON, ATV Competitions, Gokart Competitions etc.

We are committed to provide quality engineering education to face the global challenges by bridging the gap between industry and academia in the field of technology.

**"ALL THE BEST"**

## FROM THE PRINCIPAL'S DESK

'Marathwada Mitramandal's Institute of Technology' (MMIT) Lohgaon, Pune, is one more feather in the cap of Marathwada Mitra mandal Pune. MMIT was established in year 2008. The campus is sprawling and lush green with beautifully planned spacious building and allied infrastructure to provide pollution free environment for students spread over 14 Acres. The institute runs several under graduate engineering programs like Computer Engineering, Mechanical Engineering and Electronics and Tele - communication Engineering,

### VISION

- Techno-Social Excellence

### MISSION

The Mission of the Institution is to

- Enhance technology transfer
- Implement entrepreneurship
- Promote global competency
- Integrate innovative pedagogy
- Create excellent human resource

### CORE VALUES

- Teamwork
- Value based ethics
- Societal trust
- Pleasant environment
- Industrial approach
- Committed faculty
- Standard report writing
- Adaptive research
- Lifelong learning

### QUALITY POLICY

MMIT strives for imparting quality technical education by adopting best possible standards for continual improvement in skills with awareness of social responsibilities to meet expectations of stake holders.





## ADMISSION INFORMATION

### First Year Engineering and Direct Second Year Engineering

#### A. Eligibility Criteria

For eligibility criteria and other important details please refer to DTE Information Brochure for First Year Engineering / Direct Second Year Engineering 2018-19 on the DTE website <https://www.dtemaharashtra.gov.in>

#### B. Documents to be submitted :

All candidates seeking admission are required to furnish the documents as per Government of Maharashtra and DTE, Mumbai Rules for Admission to First Year & Direct Second Year of Four Year degree course in Engineering for the Academic Year 2018-19.

#### C. Sanctioned Intake & Choice Codes for First Year and Direct Second Year of Engineering



Sr.	Branch	First Year		TFWS Seats		Direct Second Year	
		Intake	Choice Code	Intake	Choice Code	Intake	Choice Code
1.	Mechanical Engineering	120	620361210	6	620361211T	24	620361210
2.	Computer Engineering	60	620324510	3	620324511T	12	620324510
3.	Computer Engineering (Direct 2nd Yr.)	-	-	3	620324581T	60	620324580

#### D. Final Fees for admission in A. Y. 2018-19

[As approved by Fees Regulating Authority (FRA), Government of Maharashtra for Academic Year 2018-19] –Payment of fees by DD or through payment gateway (Online) ONLY

Sr.	Details of Fees	Student Category wise fees (in Rs.)			
		OPEN	OBC	SC	ST / VJNT / SBC / TFWS
First Year Engineering					
1.	Tuition Fee	65,909	32,955	-	-
2.	Development Fee	6,591	6,591	-	6,591
3.	Total ₹	72,500	39,546	-	6,591
4.	Caution Money Deposit (Refundable)	4,000	4,000	4,000	4,000
5.	Grand Total ₹	76,500	43,546	4,000	10,591
Direct Second Year Engineering					
1.	Tuition Fee	62,273	31,137	-	-
2.	Development Fee	6,227	6,227	-	6,227
3.	Total ₹	68,500	37,364	-	6,227
4.	Caution Money Deposit (Refundable)	4,000	4,000	4,000	4,000
5.	Grand Total ₹	72,500	41,364	4,000	10,227
DD to be drawn in Favor of		“MMIT” Payable at Pune			

#### E. Cancellation / Refund of Fees :

As published in DTE, Government of Maharashtra, Rules & Regulations Information Brochure for admission to First Year & Direct Second Year undergraduate degree course in Engineering for Academic Year 2018 -19

**DISCIPLINARY RULES AND PROHIBITION OF RAGGING**

- All students must abide by the rules made by the College authorities from time to time in regard to their conduct and studies.
- Ragging is prohibited as per the decision of Supreme Court of India in Writ Petition No.(C)656/1998, Maharashtra Prohibition of Ragging Act 1999 and UGC Regulations 2009. Legal actions will be initiated if any student is found guilty.
- All students and parents are, therefore, required to give separate undertaking (on non-judicial stamp paper of Rs. 100/- each) to curb ragging as per UGC Regulations at the time of Admission.
- All Students must submit undertaking in prescribed format about adding their name in voter list, if their age is above 18

**ACTION AGAINST RAGGING**

Maharashtra Prohibition of Ragging Act 1999 which is in effect from 15th May 1999 has the following provisions for Action against Ragging

- a. Ragging within or outside of any educational institution is prohibited
- b. Whosoever directly or indirectly commits, participates in, abets or propagates ragging within or outside any educational institute shall, on conviction, be punished with imprisonment for a term up to 2 years and / or penalty which may extend to ten thousand rupees.
- c. Any student convicted of an offence of ragging shall be dismissed from the educational institution and such student shall not be admitted in any other educational institution for a period of five years from the date of order of such dismissal.
- d. Whenever any student, or as the case may be, the parent or guardian or a teacher of an educational institution complains in writing of ragging to the head of the educational institution, the head of the educational institution shall, without prejudice to the foregoing provisions, within seven days of the receipt of the complaint, enquire into the matter mentioned in the complaint and if prima facie it is found true, suspend the student who is accused of the offence and shall immediately forward the complaint to the police station having jurisdiction over the area in which the educational institution is situated, for further action. Where on enquiry, by the Head of the educational institution, it is found that there is no substance, prima facie in the complaint received, he/she shall intimate the fact, in writing to the complainant. The decision of the head of the educational institution shall be final.
- e. If the head of the educational institution fails or neglects to act in the manner specified in section "d" above when a complaint of ragging is made, such person shall be deemed to have abetted the offence and shall, on conviction, be punished as provided for in section "b" above.
- f. Institute reserve the right to expel and cancel the admission of students who are / were involved in ragging activity before or after the admission process.





## ADMINISTRATIVE OFFICE



**Mr. Uday Wankhede**  
Admin Officer  
PGDM, BCA

### SOME IMPORTANT ASPECTS:

1. Grievance Redressal Officer has been appointed as per the Directives of AICTE, New Delhi.
2. No capitation fees is charged from any student / parent for admission.
3. Women's Grievance Cell is established by the Institute for immediate action for women's complaints.
4. Cigarette smoking and tobacco chewing is strictly prohibited in the college premises.
5. All required facilities as per AICTE Norms are available in the Institute.
6. Ramps are made available for physically challenged students.
7. Sufficient Firefighting equipments are available in the Institute.

### Note :

Fees concession for backward class category students will be as per Government of Maharashtra Norms.

**Office Timings :** 10:00 am to 5:00 pm [Monday to Saturday]

Sr.	Name	Designation
1	Mr. Uday Wankhede	Admin Officer
2	Mr. Kishor C. Kale	Accountant
3	Mr. Santosh L. Gund	Sr. Clerk
4	Mrs. Jyoti M. Kadam	Sr. Clerk
5	Mr. Manik K. Nikam	UDC
6	Mr. Kishor N. Gadakh	UDC

Sr.	Name	Designation
7	Mr. Vikram B. Pawar	Account Clerk
8	Mr. Ganesh A. Lakade	Driver
9	Mr. Laxman K. Mohite	Attendant
10	Smt. Mangal A. Basale	Rector (Girls Hostel)
11	Mr. Anil K. Pawase	Rector (Boys Hostel)



**Administrative Staff**

## DEPARTMENT OF ENGINEERING SCIENCES & HUMANITIES (First Year Engineering)



**Dr. Umesh P. Moharil**

Head of the Department  
M.Sc. (Physics), Ph.D.

### VISION

Nurturing aspirant engineers by inculcating the knowledge of science, engineering and moral values.

### MISSION

- Student success      ▪ Enriching knowledge      ▪ Encouragement by Mentoring
- Critical thinking      ▪ Noble attitude
- Inspire learning      ▪ Continual improvement

### OBJECTIVES

- To build broad foundation in basic sciences, mathematics and basic engineering subjects.
- To enhance student's understanding about integration of basic principles of science, mathematics and engineering for further studies of their opted branch

### Highlights of the Department

1. Focus on improving "learning skills" of students.
2. Developing curiosity, habit of hard work, punctuality, sincerity, creative thinking and self-learning .
3. Specially designed classrooms for healthy interaction.
4. Google Apps for sharing teaching material.
5. Student - Teacher Guardian scheme identify student's problems and guide them.
6. Additional practice ensured by online mock MCQ exams, unit tests, assignments, term end exams.

### Teaching Faculty

Sr.	Name	Designation	Qualification	Experience (in Years)
1.	Dr. Umesh P. Moharil	Associate Professor (Phy.) & HOD	M.Sc. (Phy.), Ph.D.	17
2.	Dr. Prashant B. Lihitkar	Assistant Professor (Chem.)	M.Sc. (Chem.), Ph.D.	13
3.	Mrs. Manjula A. Alloli	Assistant Professor (Maths.)	M.Sc. (Maths.), Ph.D.*	17
4.	Dr. Ms. Shaziya Shaikh	Assistant Professor (Maths.)	M.Sc. (Maths.), Ph.D., NET	13
5.	Dr. Mrs. Amita Pal	Assistant Professor (Maths)	M.Sc. (Maths), Ph.D.	12
6.	Mrs. Leena Deshmukh	Assistant Professor (Civil )	M.E. Civil (T&CP)	14
7.	Ms. Manisha D. Bhise	Assistant Professor (Civil)	M.E. (Structure)	11
8.	Mrs. Meghna R. Yashwante	Assistant Professor (Electrical)	M.E. (Electrical), Ph.D.*	11

\* Pursuing

### Supporting Staff

Sr.	Name	Designation	Qualification	Experience (in Years)
1.	Mr. Sudhir S. Hargude	Technical Assistant	B.Sc. (Chemistry)	13
2.	Mrs. Laxmi P. Shinde	Demonstrator	M.Sc. (Physics), MBA (HR)	12
3.	Mr. Abhay J. Jadhav	Lab Assistant	Diploma (Instrumentation)	17



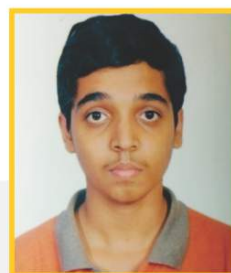
## FE Toppers (2016 - 17)



**Niharika**  
CGPA 8.78



**Nitesh**  
CGPA 8.5



**Rushikesh**  
CGPA 8.38



**Department Laboratories and Workshop**



**FE Induction Program**



**Hands on Learning**



**Study Tour**



**Social Activities**



**Extention Activities**



**Technical Event**



## DEPARTMENT OF MECHANICAL ENGINEERING



**Prof. R. S. Patil**  
Head of the Department  
M.E. (Design), Ph.D. (Pursuing)

### VISION

- “Mechanized Design Applications”

### MISSION

- Bringing out innovative and creative ideas
- Optimization of Materials
- Design and Fabrication of Robots and Sport Vehicles
- Competing with best minds

### OBJECTIVES

- To apply knowledge of Mathematics, Science, and Engineering
- To develop competency for system visualization and design
- To learn the fundamental operating principles of Equipment
- To apply basics of modeling and Discretization of the solid model
- To develop competency in understanding of vibration and noise
- To develop methods for reducing consumption of energy and save cost

### About Department

Mechanical Engineering is an engineering discipline that involves the application of principles of physics for analysis, design, manufacturing and maintenance of mechanical systems. It requires a solid understanding of key concepts including Mechanics, Kinematics, Thermodynamics and Energy. Mechanical Engineers use these principles in design and analysis of motor vehicles, aircraft, heating & cooling systems, watercraft, manufacturing plants, industrial equipment and machinery, medical devices and more..

### Internal Combustion Engine Laboratory



Trials are taken on Multi Cylinder Petrol Engine to find Friction power and on Diesel Engine to plot heat balance sheet and a trial on IC Engine is carried to plot P- $\theta$  Diagram.

### Strength of Materials Laboratory



In this lab, experiments are performed to measure the properties of materials such as Toughness, Tensile Strength, Compressive Strength. This lab is equipped with Universal Testing Machine (100Tonnes), Charpy Impact Tester, Izod Impact Tester, Torsion Tester.

### Turbo Machinery Laboratory



Students have to study and take trial on Pelton wheel, Reaction Turbine and Centrifugal Pump. An experiment is conducted on non-conventional pumps and a trial on Rotary air Compressor. A visit is organized to study Hydropower plant and Pumping station.

### CAD - CAM Laboratory



To do hands on latest software practicals as per industrial requirements. The academic activities are supported by well established laboratory. This modern lab is well equipped with AutoCAD, CATIA V5 & V6, Master CAM, MATLAB, ANSYS and Automation Studio.



## Teaching Faculty

Sr.	Name	Designation	Qualification	Experience (in Years)
1.	Mr. Rajat S. Patil	Professor & HOD	M.E. ( Design) Ph.D.*	33
2.	Dr. Mrs. Anjali J. Joshi	Associate Professor	M.Tech. (MD), Ph. D.	14
3.	Mr. Girish L. Allampallewar	Assistant Professor	M.Tech. (CAD-CAM) Ph.D.*	14
4.	Mr. Dayanand P. Yesane	Assistant Professor	M.E. ( Design) Ph.D.*	14
5.	Mr. Sudhir S. More	Assistant Professor	M.Tech. (Manufacturing) Ph.D.*	09
6.	Mr. Eknath D. Kurhe	Assistant Professor	M.E. (Heat Power) Ph.D.*	15
7.	Mr. Martand P. Pandagale	Assistant Professor	M.Tech. (CAD-CAM)	8
8.	Mr. Dadasaheb M. Atar	Assistant Professor	M.Tech. (Process Metallurgy) Ph.D.*	14
9.	Mr. Naresh B. Dhamane	Assistant Professor	M.E. (Heat Power)	11
10.	Mr. Ritesh G. Mahajan	Assistant Professor	M.Tech. (Mechatronics)	6
11.	Mr. Dhananjay M. Bhoge	Assistant Professor	M.E. ( Design)	7
12.	Mrs. Shital G. Nerkar	Assistant Professor	M.E. (Heat Power)	3
13.	Mr. Rohit P. Polas	Assistant Professor	M.E. (Heat Power)	2
14.	Mr. Amol S. Bhanage	Assistant Professor	M.Tech. (CAD/CAM), Ph.D.*	9
15.	Mr. Ganesh G. Jagadale	Assistant Professor	M.Tech. (Design)	7
16.	Mr. Abhinav G. Whatte	Assistant Professor	M.Tech. (CAD/CAM)	5
17.	Mr. Shivaji P. Yadav	Assistant Professor	M.E. (Heat Power)	9
18.	Mr. Vishal S. Jagadale	Assistant Professor	M.E. (Design), Ph.D.*	5
19.	Mr. Harshad D. Kopurwar	Assistant Professor	M.E. (Heat Power)	4

\* Pursuing

## Supporting Staff

## Toppers (A. Y. 2016 - 17)

Sr.	Name	Designation	Qualification	Experience (in Years)	Sr.	Name	Year	Percentage
1.	Mr. P. S. Thombare	Tech. Asst.	DME	15	1.	Ghadge Sourabh Mahendra	SE	70.00
2.	Mr. R. B. Thite	Tech. Asst.	DME	8	2.	Choudhari Kunal Vijay	TE	75.60
3.	Mr. D. S. Talegaonkar	Lab Asst.	DIT	9	3.	Mogre Dhiraj Ambadas	BE	76.67
4.	Mr. S. L. Adsure	Lab Asst.	DME	16		More Tushar Balasaheb		

## Achievements

- MMIT Team Invader won Indian Prokart Endurance Championship 2018 Awards for Best Autocross (Winner), Best Acceleration (Winner), Best Captain (Winner) & Overall championship (Runner up) held at BVRIT, Nasrapur, Hyderabad.
- MMIT Team Invader won Mega ATV Championship-2018 Award for Best Drag Race (Winner) with overall Rank 8<sup>th</sup> held at Nashik.
- MMIT Team Invader won Auto India Racing Championship-2018 Awards for Best Auto Cross (Winner), Best Acceleration (Runner up) with overall Rank 8<sup>th</sup> held at Traffic Park, Moshi, Pune.
- Selected as best Project at BHAU Institute of Innovation, Entrepreneurship & Leadership at COEP, Pune.

## DEPARTMENT OF COMPUTER ENGINEERING



**Mr. Subhash G. Rathod**  
Head of the Department  
ME (Comp. Engg.)

### VISION

- Towards Ubiquitous Computing Technology

### MISSION

- Creating Industry Oriented Competency
- Inspiring Students to Endorse New Technologies
- Innovating Computing Studies
- Virtualizing Upcoming World for Implementation

### OBJECTIVES

- To apply the principle of mathematics, in area of computer science & engineering.
- To design a system to meet global requirements of industry.
- To produce graduates for solving ethical & social competency.
- To produce a personal & professional leadership in their workplace & community.

### Computer Network Laboratory



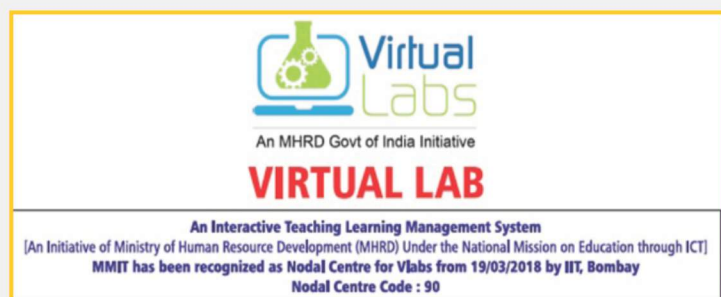
This lab facilitates to:

- Study installation, maintenance of network laboratory based on Computer Network Technology.

- Perform Socket Programming.
- Configure Server & Router.
- Learn Network design and implementation, perform network analysis.

### Virtual Laboratory

- To provide remote-access to Labs in various discipline of Science and Engineering
- To enthuse students to conduct experiments by arousing their curiosity
- To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning



Virtual lab

### Digital Electronics Laboratory



This lab facilitates to:

- Learn and understand basic digital design techniques.
- Learn and understand design and construction of combinational and sequential circuits.

- Introduce the basic components of micro processors.
- Learn the architecture and assembly language programming of 8086 Microprocessor.
- Learn peripherals and their interfacing with 8086 Microprocessor.
- Study of DOS Internals.
- Study of NDP and Design of Microprocessor based systems.

### Toppers (A. Y. 2016 - 17)

Sr.	Name	Year	Percentage
1.	Shubhangi Marathe	SE	79.20
2.	Anand H. Dhamdhare	TE	75.00
3.	Abhishek D. Patil	BE	77.46



National Conference on Recent Trends in  
Computing Techniques (NCRTCT - 2017)



## Teaching Faculty

Sr.	Name	Designation	Qualification	Experience (in Years)
1.	Mr. Subhash G. Rathod	Assistant Professor & HOD	M.E. (CE)	12
2.	Mr. Dinesh B. Satre	Assistant Professor	M.E. (CSE-IT)	10
3.	Mr. Sanjay A. Agrawal	Assistant Professor	M.E. (CSE)	8
4.	Ms. Shwetal K. Patil	Assistant Professor	M.E. (CSE)	12
5.	Ms. Devyani J. Bonde	Assistant Professor	M.E. (CSE)	18
6.	Ms. Sonali S. Muley	Assistant Professor	M.E. (CN)	11
7.	Ms. Sneha T. Shinde	Assistant Professor	M.E. (CSE)	6
8.	Mr. Swapnil S. Chaudhari	Assistant Professor	M.E. (CN)	5
9.	Mr. Kiran B. Nagargoje	Assistant Professor	M.Tech. (CSE)	9
10.	Ms. Tejaswani S. Bhoje	Assistant Professor	M.E. (IT)	2
11.	Mr. Umakant L. Tupe	Assistant Professor	M.E. (CE)	2
12.	Ms. P. V. Deshmukh	Assistant Professor	ME (CE)	7
13.	Ms. Y. P. Warke	Assistant Professor	ME (CE)	4
14.	Ms. U. B. Karanje	Assistant Professor	ME (CE)	6
15.	Mr. S. A. Kothari	Assistant Professor	M.Tech (CN&IS)	5
16.	Ms. K. S. Surwase	Assistant Professor	ME (CE)	5

## Supporting Staff

Sr.	Name	Designation	Qualification	Experience (in Years)
1.	Ms. Chitra Deshmukh	System Analyst	MCA (Engg.)	10
2.	Mr. Siddheshwar Mule	Network Admin.	CCNA Certified (IT)	9
3.	Mr. Sachin Shinde	Lab. Attendant	H.S.C.	4



Hackthon - 2018



Industrial Visit (Barclays Technology Centre India)

## Events

## 1. Workshops Conducted:

- AICTE Leadership Talk Series
- Final Year Project Guidelines
- Recent Trends in Data Structure
- Third Year Seminar Guidelines
- Gate Exam & Future Education
- Virtualization & Private Cloud Configuration
- Latex Workshop
- VHDL Programming
- IBM Java Certificate
- Session on CCNA
- Go Programming Session

## 2. Smart India Hackathon 2018 Participation

Our team has been short listed for the Grand Finale of Smart India Hackathon 2018.

## 3. National Conference on Recent Trends in Computing Techniques(NCRTC-2017)

87 Papers are published in IJIIRD Journal

## 4. Industry Visit

- Visit for PARAM Super Computer, C-DAC, Pune.
- Barclays Technology Centre India, Pune.
- Visit at NDA, Khadakwasla, Pune.



## DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING



**Prof. J. M. Bakliwal**

Head of the Department  
M.E. (Electronics), Ph.D. (Pursuing)

### VISION

- Connecting People with High Speed Technology.

### MISSION

- Developing Problem Solving Skills.
- Inculcate and Imbibe Latest Technologies.
- Designing Circuits & Fabricating Printed Circuit Boards.
- Creating Multi-Disciplinary Environment.

### OBJECTIVES

- To learn fundamentals of Analog and Digital Systems.
- To learn Hardware and Software Design Tools.
- To develop Employability and Entrepreneurship Skills.
- To employ Necessary Techniques, Hardware and Communication Tools for Modern Engineering Applications.

### Salient Features Of Department

- E-learning environment
- Guardian faculty members for each student
- Post graduate faculties
- Well equipped & sufficient laboratories
- Departmental library facility

### Instrumentation & Power Laboratory



This lab facilitates to:

- Learn test & measurement techniques.
- Acquire skills in network synthesis & integrated circuits.

### Digital Switching Lab



This lab facilitates to:

- Testing of Digital Switching Circuits
- Study & explore VHDL software based experiment

### Communication System, Antenna & Wave Theory Laboratory



This lab facilitates to:

- Explore various aspects of wired and wireless communication.
- Design & develop the experimental kits for Microwave Analog & Digital Communication System.

### Integrated Circuit Lab



This lab facilitates to:

- Build & test operational amplifier based circuits
- Testing of RTD based instrumentation amplifier

### VLSI Design Lab



This lab facilitates to:

- Hands-on practice of system implementation on FPGA, Microwind, Matlab
- Study HDL Based design approach & Learn digital CMOS
- Design analog & digital CMOS circuits for specific application



### Events / Industrial Visits / Achievements

- Workshop on Japanese Language
- Workshop on IC Gate Academy For GATE Awareness
- Guest lecture on CCNA by SEED InfoTech
- Guest lecture on PCB, RFIC Design By S. M. Technologies
- Guest lecture on Automation in PLC, SCADA, Drives,
- Hydraulic & Pneumatic By Prolific & Technologies Pvt. Ltd.
- Industrial Visit to ETDC, Pune
- Industrial Visit to Aarchor Innovation Pvt. Ltd.



Avishkar-2017 (Poster Presentation)

### Supporting Staff

Sr.	Name	Designation	Qualification	Experience (in Years)
1.	Mr. G. M. Pathan	Tech. Asst.	D.I.E.	26
2.	Mrs. M. A. Gorhe	Lab. Asst.	D.I.E.	12

### Toppers (A. Y. 2016 - 17)

Sr.	Name	Year	Percentage
1.	Yogesh Kumawat	SE	61.93%
2.	Trupti Shinde	TE	74.26%
3.	Shantanu Ambre	BE	74.53%



Appreciation of Student



Alumni Meet



Industrial Visit



Blood Donation Camp



Swatchta Abhiyan





**Prof. E. D. Kurhe**

Workshop Superintendent  
M.E. (Heat Power). Ph.D. (Pursuing)

### About Department

Our Workshop consists Carpentry Shop, Fitting Shop, Welding Shop, Machine Shop, Forging Shop and Sheet Metal Shop. Our Instructors train the First year students how to operate the hand tools and Machine Tools to produce day to day articles. The products produced by students like Dust pan, Eye Hook, Brackets, L kilt, Paper Weight etc. are saleable in the market. Final Year students undergo project work at workshop equipped with various machineries & special Tools with skilled instructors.

### Machine Shop



Machine shop is equipped with CNC Machine, Lathe machines, Universal Milling Machine, Radial Drilling Machine and Power Hacksaw Machine to produce Mechanical components like

Gears & Pulleys, Threaded and Taper spindle, Studs, Die Set, etc. First Year Engineering students have to produce wooden and metallic jobs. Second year and third year Mechanical Engineering students have to produce Metal parts on Lathe and Milling Machines.

### CNC Machine



This shop is facilitated with modern 'Ace Jobber Jr.' make CNC Machine. Computer Aided Manufacturing is latest trend in Manufacturing. Students learn CNC Programming on software like MasterCAM and verify it on

CNC Machine. The CNC Machine having max. turning dia. of 250 mm and max. length of 300 mm.

### Fitting & Carpentry Shop



It is equipped with wood turning lathe, drilling machine, wood circular saw, injection molding machine. All the first year students have to use hand tools to produce Fitting and Carpentry items like

paper weight, Decorative wooden part like *Chaurang*, Chair, Stools, Tea-poy Tables etc.

### Welding Shop



This shop is equipped with Arc Welding Set up, Grinder, Spot Welding machine, metal cutting machine etc. to fabricate various articles. First Year engineering Students have to produce

Brackets, Floor Pot Stand, Stools Jobs. Second year Mechanical. Engineering Students have to provide Table frames etc.

### Technical Staff

Sr.	Name	Designation	Qualification	Experience (in Years)
1.	Mr. Eknath D. Kurhe	Workshop Superintendent	ME (Heat Power), Ph.D.*	16
2.	Mr. Kishor B. Walunj	Workshop Foreman	ITI, NCTVT, MS-CIT	32
3.	Mr. Maruti T. Toke	Workshop Foreman	ITI, NCTVT	36
4.	Mr. Rahul D. Tapkir	Instructor (Carpentry Shop)	ITI, NCTVT	9
5.	Mr. Ganesh B. Madure	Instructor (Turning Shop)	ITI, NCTVT	28
6.	Mr. Babasaheb B. Khavale	Instructor (Welding Shop)	ITI	24
7.	Mr. Naikrao J. Dandare	Instructor (Fitting Shop)	ITI, NCTVT	21

\* Pursuing



## CENTRAL LIBRARY



**Prof. R. R. Kokane**  
Librarian  
M.Lib. & I.Sc., NET

## .....Wealth of knowledge

The central Library is a hub of knowledge. It has enriched collection of Books, Print Journals, Periodicals, e-Journals, e-conference proceedings, e-standards, online/offline e-Books, Question Papers and Syllabus in digital form, CD-ROM, DVD's and Video based teaching material from IIT's (NPTEL), etc which spreads fragrance of knowledge. The library uses SLIM-21 Library Management software with Barcode Technology.

**Objectives**

- To support the Educational Programmes of the Institute.
- To accelerate research programs with the present, anticipated educational and research function of the institute.

**Highlights**

- Digital Library with 25 Nodes: e-journals, e-books, CD's, DVD's, Question Paper & Syllabus.
- NPTEL facility
- Plagiarism Checker Software
- Library Automation:- SLIM-21, Library Automation Software with Barcode Technology.
- Book-Bank:- for Engineering (SC Categories Student)
- Membership:- ARAI, Jaykar Library (SPPU), MMCOE, IMERT, British Council
- Multimedia Facility:- CD / DVD / Audio & Video etc.
- Reading Room:- Spacious and comfortable.
- Home lending:- 5 books for 10 days (extendable) & 1 book for 24 hours to students.
- Open Access for all Students, Staff & Visitors
- Internet service
- OPAC (Online Public Access Catalogue) Service
- Photocopying, Printing and Scanning facility
- Current Content Newspaper Clipping Service.
- Reference and Referral Service
- Books for competitive exam such as GATE/GRE/CAT/TOFEL /GMAT etc
- SMS and email facility to Communicate Users
- QR Code (Quick Response Code) for various useful links.
- Books Available : Total volume of 12773 for 3487 titles

**Digital Library**

Sr.	Item	Description
1.	E-Journals	DELNET, National Digital Library
2.	E-Books	750
3.	CD,DVD's	1319
4.	NPTEL Videos	Phase I & II

**National & International Journal's**

Subscribed 38 print journal from : IETE,IEI,ISP,GRP

**Library Staff**

Sr.	Name	Designation	Qualification
1.	Ms. R. R. Kokane	Librarian	M.Lib.I.Sc., NET
2.	Mrs. D. D. Banugade	Asst. Librarian	B.A., M.Lib. I.Sc.
3.	Mr. M. A. Pawar	Library Assistant	B.A., M.Lib. I.Sc.
4.	Mrs. R. R. Paralkar	Library Assistant	B.A., M.Lib. I.Sc.
5.	Mr. V. B. Nikam	Library Assistant	B.A., M.Lib. I.Sc.
6.	Mr. S. S. Patil	Library Assistant	B.A., M.Lib. I.Sc.
7.	Mr. D. K. Patil	Library Attendant	S.S.C.
8.	Smt. S. P. Shinde	Library Attendant	B.H.Sc



Main Library



Reading Room



Digital Library



## CORPORATE RELATION DIVISION (CRD)

**Mr. R. S. Jagtap**

Dy. Director, CRD

B.E.(Mech.), M.B.A., Ph.D.(Pursuing)

**VISION**

To contribute to the human capital pool of the nation.

**MISSION**

To empower &amp; enable aspiring learners to meet their career aspirations.

**ABOUT CRD**

- The Central Placement Cell has set up in Marathwada Mitra Mandal Group of Institutes.
- The key objective of central placement with a team of dedicated expert professionals plans to engage our students in a proactive way towards preparing a huge talent pool for diverse industry manpower need.
- The CRD has been growing by leaps and bounds. The CRD functions under leadership of Director, Dr. Shailesh Kasande, a renowned personality in

the field of Campus Recruitments and serving more than two decades for the students campus placements and had created a bench mark in his arena with Prof. Rahul Jagtap as Deputy Directors.

- The CRD provides right environment to foster not only intellectual, but also personality development of the students. The CRD is headed by the Placement Director who co-ordinates the placement activities of the Institute with the support of Deputy Director.
- The CRD provides Career guidance / Counseling which is a gateway to aspired career and helps students to become competent in the world of globalization.
- The cell has been able to convince the top corporate houses & Multi-National companies for the recruitment of the graduate and post graduate students in engineering from the Marathwada Mitra Mandal Group campuses since the inception of cell.
- The Institute conducts rigorous Pre-Placement Training activities for students to make them Industry-ready throughout the academic year.
- Technical workshops / Seminars / Guest lectures / faculty development program are organized by the cell for faculties & students to develop their skills of presentation, theoretical knowledge & practical knowledge of latest technology.

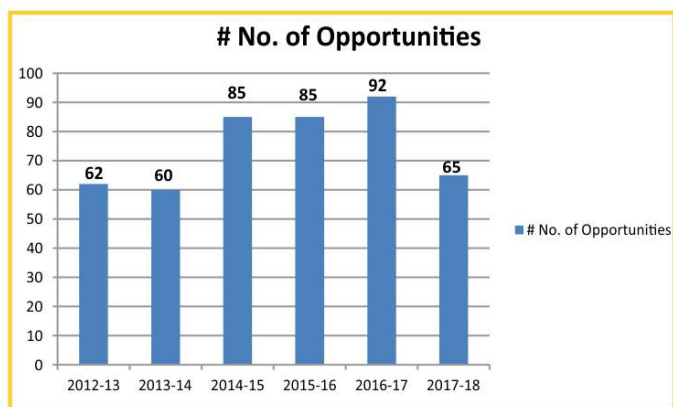


Youth Employability Initiative by Barclays

GD and PI session by Mr. Shantanu Sen Sharma,  
Ex V. P. Tech MahindraFelicitation of Mr. Pravin Mahadik,  
HR Manager, ThyssenkruppCareer Guidance by Mr. Gurunath Kulkarni,  
Head (QA), FinastraMotivational speech by  
Mr. Gopi Gilbile (Motivational Speaker)

Felicitation of Mr. Gururaj Kulkarni, HR, VolksWagon





Placement record of last 6 years

### Training Programme Conducted for students at MMIT in 2017-18

- Campus Placement Preparations
- Group Discussion Practice
- Personal Interview / Technical Interviews
- CV Writing
- Career Planning & Goal Setting
- Industrial Project Based Learning
- Seminars for Higher education on : MBA, GATE, GRE
- Competitive Exams: MPSC, UPSC, Railway , Bank PO, LIC, Indian Army, Indian Navy, PSU

### Our Prominent Recruiters





## Dean : Administration

**Prof. G. L. Allampallewar**

Assistant Professor  
M.Tech. (CAD/CAM), Ph.D.(Pursuing)

Every organization needs to organize its administrative functions in order to reach its full capacity. Administration is backbone of every organization. Various committees have been formed like Purchase, Stock Verification, College Website, Internet Task, General and Woman Grievances, etc. These committees are headed by Functional Heads who will look after smooth and effective functioning of each committee. Review meeting conduction and Report submission are the important duties of Functional Heads.

## Dean : Student Affairs

**Prof. E. D. Kurhe**

Workshop Superintendent  
M.E. (Heat Power), Ph.D.(Pursuing)

Dean Student Affairs is responsible for all student-welfare related activities on campus. For overall growth and development of the students twelve committees are formed under Dean (Student Affairs). These committees aim for providing excellent environment to nurture the cultural, extra-curricular aspects of the students along with enhancement in technical abilities. The committees formed are Training & Placement, Hostel, Mess & Canteen, Sports & Gym, Technical Events, Extracurricular Activities, Publication-Magazine, Brochure & Newsletter, Students Welfare & Discipline, Anti Ragging Committee, Alumni, NSS & NCC. The functional committees work consistently to provide a ragging free, healthy & homely environment to the students.

## Dean : Academics

**Prof. D. B. Satre**

Assistant Professor  
M.E. (CSE-IT)

The Dean Academics is responsible for all the academic related activities including academic monitoring, time-table, university and institute examination. For smooth conduction of academic, there are total eleven committee are working under Dean Academics. Every committee head strictly follows their role and responsibility and submit the report to the Dean Academics. Base on the report submitted, academic audit is prepared by the Dean Academic. This helps the institute to improve the academic standard of the institute.

## Dean : Research &amp; Development

**Dr. P. B. Lihitkar**

Assistant Professor  
M.Sc. (Chem.), Ph.D.

Research and Development is the essential for holistic development of the institution. Institute encourages students and faculties to nurture the spirit and culture of research in the institution through Dean, Research and Development. R & D activities are carried out under different committees like R&D and IPR Cell, NAAC Cell, Entrepreneurship Development Cell (EDC), Industry Institute Interaction Cell, Sponsored Research Projects, Professional Body Membership and Center of Excellence. Education is a continuous process which is not limited to the age of learners. Institute always encourage to their faculties and students to upgrade their qualification. Provision of financial assistance is made by the Institution for organizing conferences and paper presentation competitions.



## HOSTEL



**Mr. A. K. Pawase**  
Chief Rector

We encourage students to develop community life and inculcate a spirit of tolerance. We take care of their psychological and emotional problems and shape themselves to be better citizens. In this spirit and sense of direction that some rules and regulations are framed carefully for orderly and peaceful living and to make students the leaders of tomorrow.

We aim to make the hostellers feel at home with suitable atmosphere for studying and overall personality development. Life in Hostels always provides many wits and fond memories and all such efforts are made to make a living in hostels more memorable with various festival celebrations as per Indian Culture.

### Objectives

- Encourage students to focus on studies by providing favorable environment
- Participation in co-curricular and extra-curricular activities

### Facilities in Room

- Attached Toilet and Bathroom with hot water
- A Table, Chair, Book Shelf, Cupboard for books and personal belongings
- Cot & Mattress
- Room Cleaning & Moping
- 24 Hours water supply in room

### Other Facilities

- Separate study rooms
- 24 Hours security in the campus
- Transportation Facility in case of Medical Emergency
- RO Plant Purified water cooler on each floor
- News Paper & Magazines
- Well Equipped Gymkhana
- Solar System for hot water
- Pure Vegetarian Mess
- Backup Electric Supply of 62.5 KVA Generator
- First Aid facility
- Housekeeping persons for cleaning the rooms
- Specious Parking for both Hostels
- Fire fighting systems
- Yoga Centre



**Boys Hostel**



**Girls Hostel**



**Hostel Room**

### Contact Details Rectors:

Boy's Hostel : Mr Anil K. Pawase : 7745830111

Girl's Hostel : Mrs. Mangal A. Basale : 8308838250





Digital Classrooms



Transport Facility



Water Purification (RO Plant)



Amphitheatre



Play Ground



Co-operative Store



## FACILITIES



Seminar Hall



Server Room



Students Mess



Lift Facility



Language Lab



Robotics Collegiate Club



**Routes are as Follows :-**

Two Buses of 25 seating capacity each [To & Fro]

**Route 1 :** Kalewadi - Chinchwad Gaon - Pimpri –Bhosari -Dapodi - Khadki - Vishrantwadi - Dhanori - Lohgaon - MMIT

**Route 2 :** Karve Nagar - Malwadi - Katraj - Balaji Nagar - Swargate - Pune Station - Yerwada - 509 - Lohgaon – MMIT

**Route 3 :** Hadapsar-Magarpatta-Keshavnagar-Chandan Nagar – Wagholi- Lohgaon - MMIT

**Bus fare rates are as follows**

Sr.		Red	Yellow	Blue
		First Stage MMIT – Lohgaon [up to 3 km]	Second Stage MMIT – Vishrantwadi / Yerwada /Wagholi [upto 10 km]	Last Stage MMIT – Hadapsar / Karvenagar /Kalewadi [within PMC and PCMC]
1	For Student	Rs. 4,000/- per Year	Rs. 11,000/-* per year *one time payment	Rs. 16,500/-* per year *one time payment
2	For Student	Rs. 4,000/- per Year	Rs. 12,000 per year If two installment payment	Rs. 17,500 per year If two installment payment
3	For Staff	Rs. 5,00/- per Month	Rs. 1,500/- per month	Rs. 2,000/- per month

All rights of bus facility allocations are reserved by MMIT authorities





**BATCH (2017 - 18)****Mechanical Engineering Department****Computer Engineering Department****Electronics & Telecommunication Engineering Department**





Expert Lecture By Sanjay Katkar  
(CTO, Quick Heal Technologies Limited, Pune)



Cultural Club-2k18



SAMVITTI - 2k18  
(National Technical Event)



Achievement of Automotive Club



Workshop on "The Power of Subconscious  
Mind" by Mr. Sunil Parekh



NSS Camp 2018

## Anubhuti - 2k18

### Social Gathering



Classical Dance



Musical Play



Anubhuti Theme



Group Performance



Lavani Dance



Traditional Day



## ACHIEVEMENTS



**Indian Prokart Endurance Championship  
Runner-up Team, Hydrabad**



**Drag Race (Winner), Nashik**



**Best Innovative Project Award  
BHAU Institute, COEP, Pune**



**National Level Social - Cultural Event Award  
by Vice Chancellor, SPPU, Pune**



**Auto India Racing Championship, Pune  
Auto Cross (Winner), Acceleration (Runner-up)**



**Participated in Hackathon**



## DECCAN GYMKHANA CAMPUS

302/A, Deccan Gymkhana, Pune - 411 014  
Ph. : 020 - 25652689 / 25676617 / 25665729  
/ 25651410 / 25656546 / 25651449 / 68888819

- MM College of Architecture
- School of Interior Design & Decoration
- Shankarrao Chavan Law College
- MM College of Commerce
- Bachelor of Business Administration (BBA)
- Bachelor of Business Management (BBM)
- Bachelor of Computer Science (BCS)
- Bachelor of Computer Application (BCA)
- Department of Post Graduation
- Diploma in Travel & Tourism
- Diploma in Communication and Journalism
- Junior College of Commerce & Science
- Vocational Wing

## LOHGAON CAMPUS

- MM Institute of Technology
  - Bachelor of Engineering  
[Mechanical, Computer, Electronics & Tele.]
- Marathwada Mitramandal's Institute of Environment and Designs College of Architecture (MMIED)
  - Bachelor of Architecture

## KARVENAGAR CAMPUS

Sr. No. 18, Plot No.5/3, CIS No. 205, Behind Vendeve Temple,  
Karvenagar, Pune - 411 052. Fax : 020 - 25470909  
Ph. : 020 - 25473160 / 25470236 / 7038822917 / 7447755766

- MM College of Engineering
  - Bachelor of Engineering  
[Computer, Electrical, Electronics & Tele.,  
Information Technology, Mechanical]
  - Master of Engineering (Computer)
- - M.B.A  
Institute of Management Education  
Research and Training (IMERT)
- M.B.A.

## KALEWADI CAMPUS

Sr. No. 4/17, Sector No.34, PCNTDA, Kalewadi, Pune - 411 033  
Ph. : **Polytechnic** : 020 - 65106968, **Pharmacy** : 020 - 64100841  
Contact No. : 9422320259 / 9272511899 / 7709873344

- MM Polytechnic
  - Diploma in Engineering  
[Automobile, Computer, E&TC, Mechanical]
- MM College of Pharmacy
  - Bachelor of Pharmacy
  - Master of Pharmacy  
[Quality Assurance Techniques, Pharmaceuticals,  
Pharmacognosy]
  - Ph.D. (Pharmacy)
- MM School & Junior College
  - Arts, Commerce & Science
  - Vidyamandir Primary & Secondary School

## Marathwada Mitramandal's Institute of Technology (MMIT)

