



MIT-ADT
UNIVERSITY
PUNE, INDIA
A Leap Towards World Class Education

MIT SCHOOL OF ENGINEERING



A Leap Towards World Class Education

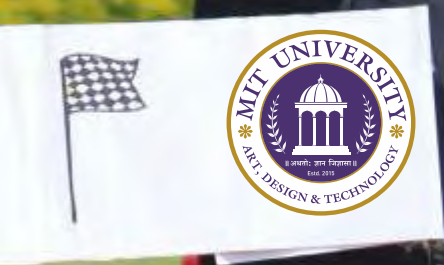


START
HERE YOU GO !!!



MIT SCHOOL OF ENGINEERING

As a MITADTian you'll become a part of the world-class team of engineers, driven by the passion and commitment to deliver sustainable solutions through four driving elements - Society, Technology, Environment and Policy which have Affordability, Scalability, Sustainability, Universality, Rapidity, Excellence and Distinctiveness.



**...In pursuit of
Arts, Science and Technology
to culminate in wisdom.**





MIT Group of Institutions, Pune

MIT Group of Institutions, Pune is one of the most prestigious groups in the academic sector known for its unique blend of value-based professional education in the areas of Technology, Medicine & Health Care, Schools, Management & so on.

Maharashtra Institute of Technology, the flagship institute of MIT Group of institutions, Pune was established in the year 1983, under the aegis of Maharashtra Academy of Engineering and Educational Research or better known as MAEER, Pune. MIT is one of the first nine private Engineering institutions in Maharashtra. It is the culmination of Hon'ble Dr. Vishwanath D.Karad's vision, the Founding Father of MIT Group of Institutions, Pune that quality education should reach masses and be made available to every merit holder irrespective of one's class, creed or religion.

The four-decade long journey of MAEER's MIT epitomizes the relentless pursuit of quality and excellence in the name of commitment and dedication, the nutriment of value and discipline, the quest of science and spirituality and in the enrichment of research and education. The academicians associated with MIT are committed not only to imparting knowledge but also augment the proficiency in their various fields.

MIT guides students to achieve their dreams and potential in this multi-disciplinary institute that weaves a mosaic of integrity, commitment and dedication. Carrying forward the baton of a new tomorrow and contributing to the industrial and economic growth of the society and nation at large, MAEER's MIT continues to build the gateway to student's successful careers.

4 Universities

75 Academic Institutions

50,000+ Students Per Year

36+ Glorious years of Excellence

1,55,000+ Alumni...

FOUNDER FATHER



A True Source of Inspiration

Hon'ble Prof. Dr. Vishwanath D. Karad
President

MIT Art, Design & Technology University, Pune

Our truest source of inspiration, Hon'ble Dr. Vishwanath D. Karad, the founding father of MIT Group of Institutions, is a renowned educationalist. Hon'ble Dr. Vishwanath D. Karad is admired for his exemplary work in the field of human rights, spiritual sciences and spiritual advice. He has driven the MIT Group of Institutions to reach out to over 50,000 students across 75 institutions & 4 Universities. A true visionary, Hon'ble Dr. Vishwanath D. Karad has initiated some of the most ground-breaking activities under the banner of MIT Group of Institutions. Some of his initiatives include the International Robocon, Shri Saint Dnyaneshwar World Peace Prize, enhancement of pilgrimage centres at Alandi, Dehu, Pandharpur, etc. His relentless efforts and valuable contribution towards Human Rights and Democracy have resulted in Maharashtra Institute of Technology, receiving a UNESCO chair in 1998 from UNESCO Paris.

A staunch follower of Swami Vivekananda, Hon'ble Dr. Vishwanath D. Karad represented India in 'Parliaments of World's Religions' at the prestigious Salt Palace Convention, Salt Lake City, Utah (USA) in 2015. The convention was attended by over 10000 people, representing over 50 different faiths from over 80 Nations. Hon'ble Dr. Vishwanath D. Karad has also orchestrated a unique mission of establishing the world's largest dome as "World Peace Center & Library", spread across 160 feet in diameter and reaching 269 feet in height at the University campus. His vision 'to build a nation of competent individuals' is at the heart of MIT-ADT University. We aim at providing value-based education for academic excellence with various technical as well as cultural initiatives that fuel leadership qualities among our students.

Constituent units of MIT ADT University



MIT School of Engineering



Maharashtra Academy of
Naval Education & Training



MIT Institute of Design



MIT School of Architecture



MIT School of
Fine Art & Applied Art



MIT School of
Holistic Development



MIT International School of
Broadcasting & Journalism



MIT School of
Drama, Pune



School of Corporate
Innovation & Leadership
(MIT-SCIL), Pune



Constituent units of MIT ADT University



MIT Vishwashanti
Sangeet Kala Academy



MIT College of Food Technology



MITCOM
MIT College of Management



MIT School of Film & Television



Maharshi Veda Vyas,
MIT School of Vedic Sciences



MIT School of
Education & Research



MIT School of Bio-Engineering
Sciences & Research



School of Humanities
(MIT-SOH), Pune



|| Innovate India ||

AIC-MIT ADT Incubator
Forum, Pune



EXECUTIVE PRESIDENT



Prof. Dr. Mangesh T. Karad

Executive President,
MIT Art, Design & Technology University, Pune

“Nurturing Globally Employable Technocrats”

At the MIT Art, Design and Technology University, Pune, we know that the work we do here matters to the world. We are committed to providing an intellectually stimulating environment for students to discover fields of knowledge that complement each student’s major domains of study.

Our programme takes a holistic approach where every student undertakes Yoga, Physical Training, Creative & Performing Arts, Foreign Language’s Training, Value Added Programmes and Industry Internship with strong interaction and engagement components. MIT-ADT University, Pune students consider fundamental questions about science, technology, engineering, arts, humanities, culture, and sciences from interdisciplinary perspectives via an exciting, distinctive curriculum offered across the schools of MIT-ADT University, Pune.

MIT School of Engineering, Rajbaug, Pune is a new generation school which promotes unique, industry-relevant, technologically advanced specialized B.Tech. and super-specialized M.Tech. Programmes in the areas of Mechatronics & Automation, Aerospace Engineering, Data Analytics, Artificial Intelligence, Networks & Security, IoT, Cloud Computing, DevOps, Electronics & Computer Engineering, and Construction Engineering & Management.

The school has been excelling with the vision to produce globally competent technocrats and innovators to lead

and have a greater impact on society. MIT ADT University is at the forefront in promoting and encouraging entrepreneurship development amongst the students and established the Atal Incubation Centre under NITI Aayog, Govt. of India for incubating the idea into viable products. Our vision is to produce first-generation entrepreneurs who will be capable of replicating the model of Facebook, Google & Microsoft.

Even during the unprecedented times of COVID-19, teaching-learning at MIT-ADT University was uninterrupted through the concerted efforts by our enthusiastic faculty team through our Digital Learning Management System.

At MIT School of Engineering, Pune you will have the chance to be mentored and taught by our outstanding and accomplished faculty members. And you’ll join passionate students from across Maharashtra and India. Whichever program you choose, you will be surrounded by a highly-diverse, engaged, and supportive community, dedicated to transforming lives through education.

We look forward to you have you on-board with us at the new generation university where the pursuit of excellence begins.

Governing Body

- Prof. Dr. Vishwanath D. Karad
- Prof. Dr. Mangesh T. Karad
- Dr. Suresh G. Ghaisas
- Prof. Prakash Joshi
- Dr. Chandrakant Pandav
- Prof. Rahul V. Karad
- Shri. A S Kiran Kumar
- Prof. Dr. M.K.Surappa
- Shri. Raj Kamble
- Shri. Vijayraaj Bodhankar
- Dr. Deepak Shikarpur
- Shri. Shivsharan Mali

President
 Secretary & Trustee, MAEER and Executive President
 President, Managing Committee & Trustee, MAEER
 Joint Managing Trustee, MAEER
 Vice President, Managing Committee & Trustee, MAEER
 Vice President, Managing Committee & Trustee, MAEER
 Former Chairman, ISRO
 Vice Chancellor, Anna University
 Founder & CCO at Famous Innovations
 Renowned Artist & Painter
 Director, Kinetic Communications Ltd.
 Registrar

Board of Management

- Prof. Dr. Mangesh Karad
- Prof. Rahul V. Karad
- Mrs. Jyoti Dhakane
- Mrs. Swati Chate
- Dr. Suchitra Nagare
- Prof. Sunita Karad
- Prof. Dr. Kishore Ravande
- Mr. Vinayak Ghaisas
- Prof. Dhimant Panchal
- Prof. Krishnamurthy Thakur
- Dr. Ramakant Kaplay
- Shri. Shivsharan Mali

Executive President
 Governing Body Nominee
 Governing Body Nominee
 Governing Body Nominee
 Governing Body Nominee
 Vice Chancellor Nominee
 Vice Chancellor Nominee
 Sponsoring Body Nominee
 Sponsoring Body Nominee
 Sponsoring Body Nominee
 Special Invitee
 Registrar



VISION

Develop, build and incorporate multi- disciplinary academic programs in innovative fields & develop research culture in the direction of Center of Excellence on the map of global scenario to visualize ourselves in the format of World Class University.

MISSION

Incorporate value based education system along with best academic excellence with various technical as well as cultural initiatives to become future leaders. At MIT Art Design & Technology University, students are actively involved in the various start-up initiatives to contribute to economic as well as technological progress to develop the nation.

14+ Institutes

312+ Major
Recruiters
on Board

128+ Courses &
Programs

36+ Foreign
University
collaborations

FROM PRINCIPAL'S DESK

Prof. Dr. Kishore Ravande
Principal,
MIT School of Engineering, Pune



It is my immense pleasure to welcome you to MIT School of Engineering, a new generation constituent unit of MIT-ADT University which is leading the way forward towards world-class education.

Swami Vivekananda said "Fusion of Science and Technology alone can bring the peace to the world" and he predicted more than a century ago that, Twenty-First Century will be the century of Mother India with the knowledge power at its command leading the world. Hon'ble Prof. Dr. Vishwanath D. Karad, a great visionary and the founder President of MAEER trust has taken upon himself the task of realising the dream of Swami Vivekananda and leading it from the front in shaping the destiny of education in general and Technical education in particular through MIT group of Institutions sponsored by MAEER Trust, Pune.

Dr. Mangesh T. Karad, the Executive president of MIT-ADT University is an architect of MIT School of Engineering mentoring the world-class technical education through its portals spread over 100+ acres of lush green land embodied with excellent academic ambiance. The School offers 6 conventional UG and 10 specialised UG Programmes besides 16 PG programmes covering the latest industry needs and technological advancement. School also admit Research Scholars for its Ph.D programme in various disciplines. For all the programmes, the School has designed curriculum to train the students capable of providing solution to every technological problems impacting the quality of life. With the project based and a creative learning aspect included in the curriculum, this approach enables innovative thinking amongst students and prepares them to address the societal issues in general through scientific approach. The School has built-in programme of industry internship coupled with interaction with industry personnel through guest lectures and industry visits. Inspiring and motivational lectures by corporate leaders and celebrities from various sectors is a regular feature of the curriculum to create future leaders to lead and manage the big enterprise in the emerging corporate landscape. The School



of engineering has already signed MoUs with leading corporate organisations to facilitate the linkages with the industries and attain the above objectives. It has a distinct intent of grooming the students who are not only employable themselves but who would be the new generation entrepreneurs creating job opportunities to several graduates of our country. The impetus on studies at PG level and Research is being given in the emerging and interdisciplinary area namely: Rapid transport system, Infrastructure engineering, Energy engineering, Mechatronics, Intelligent systems, Network & security, Data analytics, VLSI and embedded system, Communication & signal processing, Internet of things, Cyber security etc.

The School of Engineering has state-of-art Infrastructural facilities in place with modern teaching aids to facilitate the best teaching-learning process. Our strength is our competent, qualified and experienced teaching faculty supported by able technical staff to provide the best academic inputs to the students. The emphasis on Outcome-Based Education (OBE) and experiential learning is a special feature of our curriculum besides the best and innovative practices of imparting the same. The School of Engineering has the world-class sports facilities on its campus and clubs to promote extra-curricular and co-curricular activities to groom the students into smart personalities who are

physically strong, and mentally alert.

At MIT-School of Engineering, we blend the science and spirituality in its curriculum to bring peace and prosperity to mankind. The School always believed and practiced that Excellence is a continuous process. In pursuit of the same, the School will relentlessly keep updating its infrastructure and curriculum, together with innovation in teaching-learning practices to contribute best human resources in terms of innovative scientists, renowned technocrats, successful entrepreneurs, and competent leaders to the world community for the betterment of mankind.

“A desire can change nothing, a decision can change something but a determination can change everything”. Dear students, let us come together with determination to bring the change.

DEAN'S MESSAGE

Dr. Rajneeshkaur Sachdeo – Bedi
Dean Engineering



Dear Friends, Throughout the history of human civilization, Engineering has transformed lives. In today's era also many human concerns like sustainability, health, vulnerability, and joy of living – specific challenges await engineering solutions. To meet these challenges engineering knowledge now needs to overlap and partner with other expertise fields. They need the aesthetics of art, and the spark of creative imagination, over the tradition system of forging a better future.

Welcome to MIT-ADT University, a learning place like no other and centre of excellence. Bestowed with a state-of-the-art sprawling campus, which has been awarded with 'The Best University Campus' award at the 10th National Education Excellence Awards, 2017, by ASSOCHAM. The Art and Design disciplines provide opportunities to develop aesthetic understanding, creativity, visual awareness, knowledge and appreciation. While Engineering and Technology provide solutions to challenges spanning from struggling world economies, environmental and energy crisis, international warfare and conflicts, to social, educational, and health inequities The possibilities are numerous and each represents an opportunity for engineers to contribute and make a difference.

At MIT School of Engineering, we educate students to be a winning personality. We are committed to excellence in technology-focused education with a renewed emphasis on the entrepreneurial, leadership and ethical practice of engineering.

Various enrichment educational programmes offer core and specialised courses in the engineering areas of Computer science and Engineering, Information technology, Electronics and Communication, Mechanical, Civil and Aerospace Engineering.

Our faculty transcends traditional disciplinary boundaries to explore and create new areas of study. Their approach towards project-based learning imparts hands-on experience, thus giving our students opportunities to apply ongoing learning to current problems of global impact. The enthusiastic faculty takes keen interest to prepare and motivate students from day one and helps them to create an impact throughout their careers.

Our students develop from this distinctive model of experiential learning. The combination of challenging classroom study with opportunities for professional practice and research ensures that we are preparing the next generation of engineers to keep pace with fast-changing global demands.

I invite you to learn more about our transformative engineering programmes and many opportunities that the MIT School of Engineering provides. Join us on this journey of transformation.

VICE-PRINCIPAL'S MESSAGE

Prof.Dr. Virendra Shete

Vice Principal, MITSOE, Pune.



I take this opportunity to welcome new aspirants to this MIT School of Engineering for pursuing their higher education in various disciplines/programmes.

It is of great pride and privilege to be Vice Principal of such unique institute. I would like to assure here that we are well directed and well-focused on excellence in technical education under the leadership of Hon. Prof. Dr. Mangesh Karad sir, Executive President, MITADT University Pune.

We believe that value based quality education is key to the success. The programmes offered in MITSOE will broaden the student perspective and add unique dimensions to academic experience.

Communication skills and cross cultural understanding are key to modern Engineering. The Engineering courses at MITSOE covers a vast range of subject's matters throughout the four year duration. The curriculum is designed in such a way that apart from usual subjects, special coaching is given in communication skills and human dynamics. The course structure reinforces the concept of the integrated nature of the modern Engineering.

All Engineering students will complete internships in companies encompassing both theoretical and practical work. Student internships can be valuable source of fresh ideas and skills while working on short projects inspired by companies. Experience in companies is invaluable for students.

The departments are open to mutually beneficial

collaborations with industrial and academic partners. We collaborate with institutions to form the best teams at national and international level to solve the problems for the benefit of society .MITSOE has MOUs with renowned multinational and prestigious national companies for application of knowledge in various disciplines. For acquiring best possible employability and entrepreneurship skills by our students, ample opportunities are provided for interaction with the experts from industry through various training programmes, industry visits, technical paper presentations, vacation training. Experienced and dedicated faculties from School of Holistic development and School of corporate innovation and learning equip the students with soft skills, interview techniques, Group discussion skills, Personality development skills, aptitude test skills. As a result of our sincere and well planned efforts, the student placements in Top National and international companies are maximizing. We look forward to welcoming you to the MIT School of Engineering, MITADT university, Pune India.

Achieving excellence in engineering education: Curriculum Design

The School of Engineering at the MIT ADT University has a legacy of MAEER's for offering industry demand engineering courses with several specialisations. By 2018 a range of external factors had combined to motivate a major review of the curriculum for all of these degree programs. There were several drivers for the review, including:

- The need to ensure overall growth;
- Changes to University policies; and
- Recommendations from internal reviews and accreditation processes.

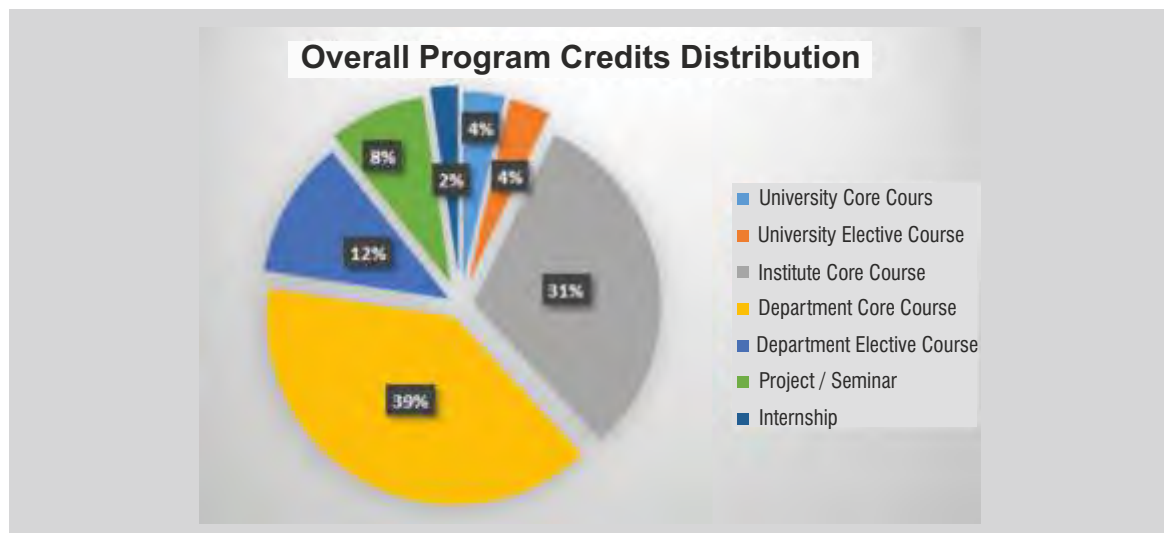
The primary motivation however was to refresh the technical content of the program and to ensure that learning outcomes are aligned to meet the requirement of ABET and AICTE standards, that evolved the needs of employers, to be an entrepreneur and research education outcomes. The new curriculum is more coherent and better focussed than the previous version, offering more flexibility to students in choosing their preferred area of specialisation in University Courses.

The curriculum is divided in two part: University Courses and Engineering Courses.

University Core (UGC)	Credits	Institute Core	Credits
Yoga and Fitness (Sem I/II) Foreign Language Courses : Mandarin, Spanish, German, Japanese, French, Sanskrit Universal Human Values / Spirituality		Basic Science Course	20 - 24
Creative Art, Design and Literary : Photography / painting / Sculpture Metal Work / Dance / Drama Music Instrument (Harmonium/ Tabla / Guitar/ Sitar)		Humanities and Social Sciences including Management Courses	08 - 10
Interdisciplinary Courses		Engineering Science Courses	20
Total	12-24	Total	48 - 54
Non Credit Courses / Audit Course		Department Core Courses	48 - 66
One Week Induction Program		Department Elective Courses	18 - 21 (4 no.)
Environmental Science		Open Elective Course	4 - 8 (1 or 2 no.)
Indian Constitution		Project / Seminar	17
Essence of Indian Traditional Knowledge		Internship of 6 - 8 weeks	4
Department Specific Audit Course		Total	164+ UCC

Holistic and Interdisciplinary Course:

University Courses are majorly focused on development of individual as a good human with ethics and values. It also has good share on maintaining your hobbies or learning new program from Arts or Design domain like Painting, Music, Photography etc., which in today's life contribute to your personality development, handling professional pressures and to lead happy life. In this program we have University Compulsory courses and University Elective Courses.



Engineering Courses has various distribution to balance all aspects of engineering. It is divided as Institute Core consist of Basic Sciences, Humanities and Social Science, Management Studies, Engineering Sciences, Department Core, Department Electives and Open Electives. It also focused on "Project Based Learning (PBL)" and mandatory "Internship".

Induction Program:-

A student has to undergo induction program after joining the institute and before the commencement of classes. Normal classes of the engineering program begin after the students have undergone a two-week induction program. The Induction program for students comprises of Physical activities; Learning an art form; Literature & Cinema; Social Awareness; Lectures & Visits; Universal Human Values; Familiarization to Department/Branch, College & Innovations.

Project Based Learning (PBL):-

Project-based learning is a student-centred pedagogy that involves a dynamic classroom approach in which it is believed that students acquire a deeper knowledge through active exploration of real-world challenges and problems. Here, students gain knowledge and skills by working for an extended period of time apart from 2hrs per week in regular timetable to investigate and respond to an authentic, engaging, and complex question.

Internship Program:

We also, have made a provision of 6-8 weeks summer internships mandatory before completion of under graduation. This will equip the students with practical understanding and training about industry practices in a suitable industry or organization. At this stage of implementation of the new program we are confident that the new curriculum is working well, providing more flexibility for students and showing a clearer alignment to defined learning outcomes.

Why to choose MIT School of Engineering?

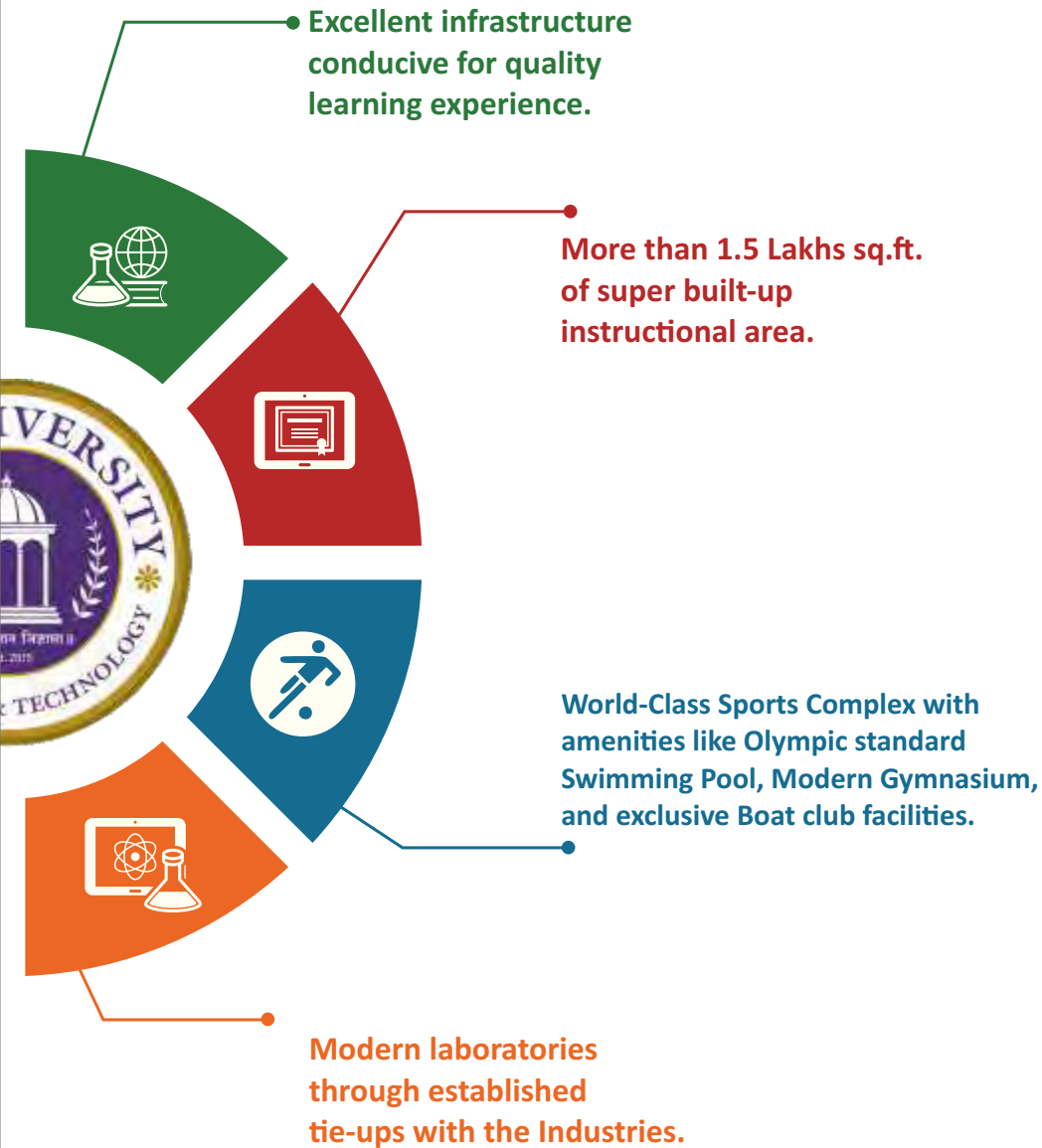
Dedicated 50,000 sq.ft. for Incubation Center to promote entrepreneurship.

Well equipped Digital Library with intranet facility, provided with subscription of International Research Journals of high repute.

Well versed computing laboratories with 24X7 accessibility supported with open Wi-f (lease line) facility.

State-of-the-art ICT enabled class rooms for effective delivery.





ADMISSION PROCESS

HOW TO APPLY ?



Apply Online

The eligible candidates are required to register on <http://www.mituniversity.edu.in/applynow>



Eligibility Check

The candidate should fill the Online Application Form with true & correct information. Upload the necessary documents



Merit List

Merit List of eligible candidates will be displayed on www.mituniversity.edu.in



Admission Confirmation

The shortlisted candidates as per merit list has to confirm the admission by paying the fees through DD



Personal Interview & Counselling

Counselling Round against vacancies at Admission Facilitation Cell

International Relation Cell:

MIT International relational cell views internationalization as an opportunity to achieve methodological and analytical diversity to improve the efficiency of all institutes and employees around the university. The cell works to foster relationships between foreign universities and MIT ADT institutions through an effective Memorandum of Understanding to help determine the essence of the relationships. This provides a global platform for exhibiting and gaining talent in multi-domain and multi-culture research. Relationships are not limited to student-faculty exchange programs but extend to visits by different members, administration of foreign language courses, and the establishment of academic projects in partnership with Global institutions. Investing in foreign activities helps in a number of learning fields focused on challenges and project-oriented learning. In addition to this, the introduction of cross-culture skills and experience helps to foster flexibility and self-sufficiency. MIT University is committed to providing education that offers an advantage for its stakeholders to understand global issues and develop a strong professional network around the world.

Our Mission:

To introduce students to a globally diverse environment.

To offer students the opportunity to study abroad and experience the novelty of studying and functioning in a new culture and a foreign country.

To raise understanding and acceptance of international education by partnering with their foreign counterparts, making it much simpler to manage the exchange of academic ideas.

To share knowledge with other professors and multi-sectoral research products and to strengthen networking between students and universities.

To maximize student capacity for academic, research, and innovative accomplishments through review, consultation, and publications.





Candidates Having Indian Nationality

B. Tech / M. Tech / DSE (Direct Second Year Engineering)

For B. Tech Programme the candidate should have passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subjects securing aggregate 50% marks.

Secured minimum 50 % marks in the subjects Physics, Mathematics, Chemistry or Biotechnology or Biology or Technical Vocational subject for Maharashtra State Open Category Candidate (at least 45 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together.

Passed Diploma in Engineering and Technology and obtained at least 50 % marks (at least 45 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only).

For International Baccalaureate (IB) Board, the candidate must have been awarded IB Diploma or the IB Diploma Course (i.e. IB Certificate) as a qualification for entry to the professional course at the institute and is required to have passed the subjects of Physics and Mathematics at Higher Level (HL) with a minimum score of 24 credits.

For Maharashtra State Candidates: - Merit based on score in MHT-CET 2020 score or JEE Main 2020 for seeking admission in All India Quota.

For All India Quota Candidates: - Merit based on score in JEE Main 2020

In case of vacancies after all applications based on MHT-CET 2020 and JEE Main 2020 are exhausted, fresh applications based on other states entrance exam of current year-2020 / Uni-GAUGE-E 2020 / PERA 2020 may be considered.

For M. Tech Programme candidate should have passed Bachelor's Degree in relevant field of Engineering and Technology awarded by the University recognized by University Grants Commission or Association of Indian Universities in any discipline with at least 50% marks in aggregate or equivalent (Candidates belonging to the Scheduled Castes/Scheduled Tribes who have passed the basic qualifying degree (bachelor's degree in engineering), are eligible to apply irrespective of the marks/CPI and will be considered for admission.)

Candidate should obtain non-zero positive score in Graduate Aptitude Test in Engineering (GATE) conducted by Indian Institute of Technology or should appear for PERA 2020.

For sponsored candidate, minimum two years of fulltime work experience in a registered firm / company/ industry/ educational and/or research institute / any Government Department or Government Autonomous Organization in the relevant field in which admission is sought.

For DSE(Engineering) admission candidate should have passed Diploma Course in Engineering and Technology with at least 45% marks (40% marks in case of candidates of backward class categories and Persons with Disability belonging to Maharashtra State only) in appropriate branch of Engineering and Technology from an All India Council for Technical Education or Central or State Government approved Institution or its equivalent.

The Candidate must be an Indian National and should have passed B.Sc. Degree from a UGC /Association of Indian Universities recognized University with at least 45% marks (40 % marks in case of candidates of Backward class categories and Persons with Disability belonging only to Maharashtra State) and passed XII standard examination with Mathematics as the subject and with English as the medium of instruction at B.Sc. level.

International Students

Eligibility criteria for an NRI candidate:

- Candidates should have completed 12 years of schooling (10+2 years equivalent to Indian Education system).
- Minimum average of 50% in Mathematics, Physics and Chemistry (MPC) in standard XII or equivalent (Grade 'C').
- Candidates should have cleared English as one of the subjects in the qualifying examination.
- Mathematics and Physics at A level (or equivalent) are mandatory.
- The third subject can be Chemistry/ Computer Science/ Electronics/ Biotechnology/ Biology for pursuing B.Tech.
- For candidates from Nepal, minimum of 50% aggregate in the above subjects for Class 11 and Class 12 put-together.
- Proof of foreign nationality should also be produced. Eg. Passport/ National ID.
- If the candidate has studied in a Non-Indian Government board of Education system abroad or in India, the eligibility certificate obtained from the Association of the Indian Universities (AIU), New Delhi has to be enclosed.

Admission Quota

- For Maharashtra domicile candidates 70% seats are available.
- For All India Quota Candidates 30% seats are available.
- Reservations are applicable for reserved category students, women students as per MIT-ADT University act State of Maharashtra.
- No free-ship is available to the reserved category students.

DEPARTMENTS AT MIT SCHOOL OF ENGINEERING





Aerospace Engineering (AE)



Civil Engineering (CE)





Computer Science & Engineering
(CSE)



Electronics & Communication Engineering (ECE)



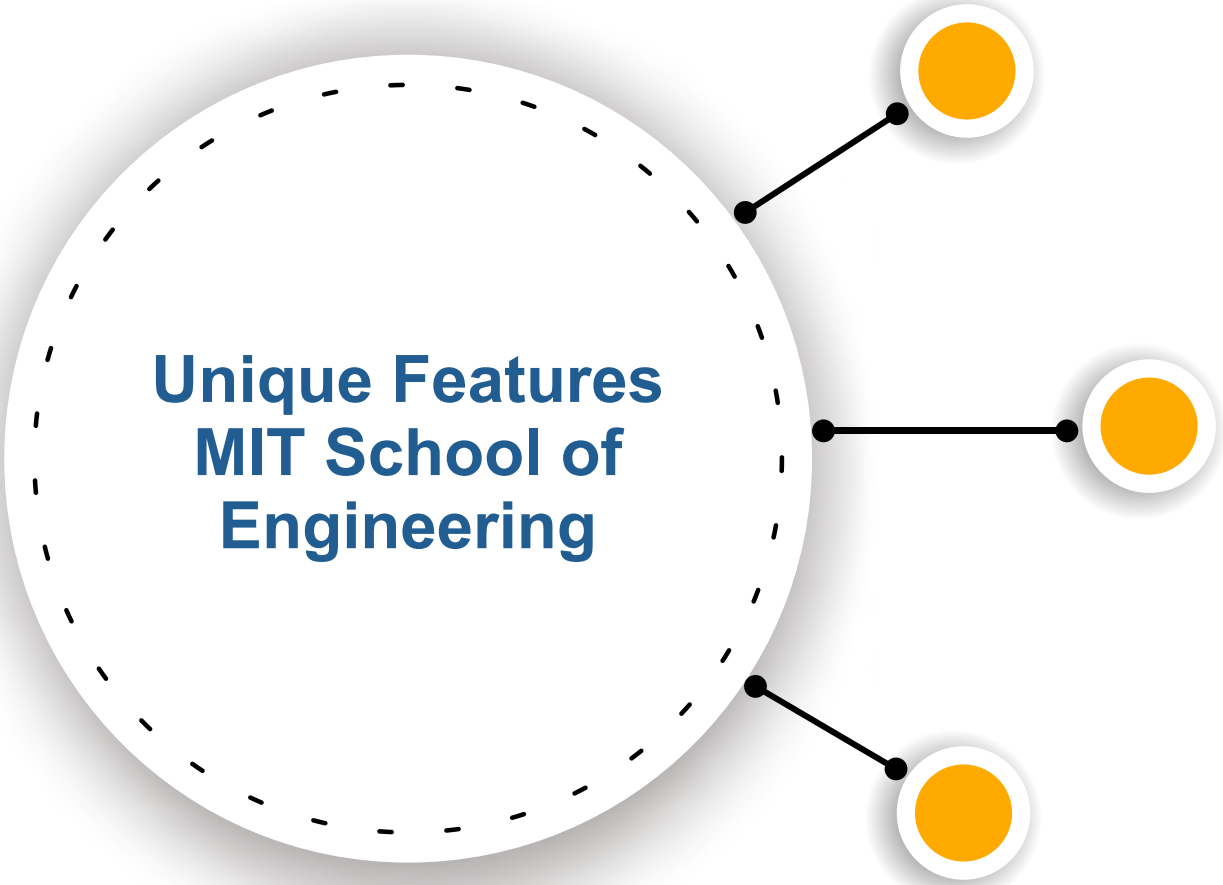
Information Technology (IT)



Mechanical Engineering (ME)



Applied Sciences & Humanities



Unique Features MIT School of Engineering



STUDENT CENTRIC

- High Student-Faculty Ratio.
- Tie-up with Foreign Universities.
- Ample opportunities for Student Exchange Programmes.
- On-campus Soft Skills Training Programs.
- Certification Programs in Industry Essential Softwares.



ACCOUNTABILITY

- Part of a Premium Educational Group, MIT Group of Institutions, Pune.
- Recognized by UGC and approved by State Government of Maharashtra .
- Multi-Disciplinary approach with Micro-specialization across Art, Design & Technology.
- State-of-the-art Infrastructure, Competent Faculties to deliver unique learning experience.
- Value based Education System for comprehensive development of the students.



INDUSTRY FOCUS

- Experts with abundant experience as a Faculty and Mentor to guide the students.
- Frequently updated syllabus designed in consultation with technical expertise from industry.
- Joint Research Programmes, Lab Testing, Consultancy and Field Visits for better exposure.
- 'Centre of Excellence' in collaboration with leading Industries.



Placements

- Tie-up with the best employers across Engineering and Technology.
- Value addition programmes for employability enhancement.
- Mini Projects in curriculum for socio-technical problems / opportunities.
- Active Placement & Industry-Institute Interaction Cell to ensure placements and internship opportunities.

Opportunities

- Programmes mentored by Industry stalwarts.
- Exposure to National and International conferences.
- Atal Incubation Centre to provide incubation for entrepreneurial ideas and opportunities.
- Holistic Development through on-campus Hobby Clubs and Student Forums.

Establishment of School of Holistic Development

- At MIT-ADT University, we not only focus on imparting the academic excellence but also working towards holistic development of our students. To align action to this vision we have added credits for different courses like yoga, fitness and spirituality education.
- Foreign Language and personality development education.
- Creative and Performing Arts education.
- Domain specific value added professional courses.

Our Core Values

At MIT-ADT University, our core values form the basis of our belief system. Our commitment is towards ensuring that the values are promoted and reflected in all our endeavours.



HONESTY & INTEGRITY

We promote the highest standards of honesty and integrity to ensure the recognition of the inherent benefits of living these ideals. We also seek to guarantee the fair and reliable evaluation to reward the academic performance.



MUTUAL RESPECT

Fostering an environment that nurtures the spirit of trust, teamwork, openness, and respect among every member of the community thus ensuring favourable environment necessary for professional development.



PURSUIT OF EXCELLENCE

Encouraging the pursuit of the highest possible level of academic performance and personal development amongst all the members of the community.



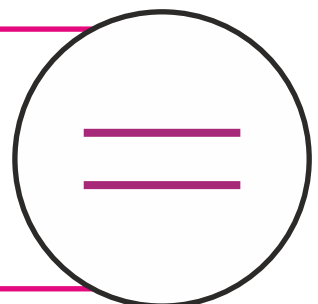
PERSONAL ACCOUNTABILITY

We encourage the acknowledgment, understanding and acceptance of responsibility for upholding and reinforcing our values amongst all the members of this community.



SYNERGY THROUGH TEAMWORK

Our synergy and success originate from four indispensable traits: a clear team purpose, solid communication, empowerment so the team can lead themselves, and finally ensuring that there is a commitment to the goal.



EQUALITY

We are committed to creating an institution and a society where everyone is appreciated and judged based on their contributions and performance regardless of their gender, race, religion, physical abilities, sexual identity, or socio-economic conditions. Through the work of this institution, we will both create awareness of, and work to eliminate individual and institutional racism.



AEROSPACE ENGINEERING

Courses Offered :

B.Tech. - 4 years



Prof. Dr. Sunil Dingare

Professor & Head

B.E., M.E., Ph.D. (Mechanical Engineering)

Vision:

To be a premier centre of excellence in Aerospace Engineering education that generates professionals for successful careers at national and international levels in the aerospace industry and research institutions.

Mission:

To create dynamic Aerospace Engineering professionals to meet global technological challenges through research & innovation for the benefit of society.

Bachelor of Technology Degree

This 4-year programme makes the students aware of Aerospace Engineering to solve complex engineering problems in the area of Aerospace Engineering. Inclusion of advanced courses along with the core courses provides excellent job opportunities to students in various areas like Aerospace Industry, Aviation Industry, Manufacturing Industry and Research & Development. The programme provides the ability to learn and work individually and as a team to manage the projects in a multidisciplinary environment. The programme also provides an excellent platform to study a master's degree in the area of Aerospace and Astronautical Engineering to advance their skills and knowledge. Aerospace engineers are employed in industries where engineers are hired to design or build aircraft, missiles, and systems for national defence or spacecraft. Aerospace engineers work primarily for the firms that engage manufacturing, analysis and design, research and development and for the government organizations. Aerospace engineers work with other professionals, involved in designing and building aircraft, spacecraft, and their components

- One of the most advanced branches of engineering
- Theoretical study supported by Experiments, Projects and Field Trips
- Experiential learning through workshops like RC Aircraft Construction and Testing
- Value-Added Programs like Finite Element Modelling & Analysis, CFD
- All four important aspects of Aerospace Engineering, i.e. Aerodynamics, Structures, Propulsion and Control covered meticulously
- Curriculum developed by doyens from Industry and Academia
- Up to date curriculum with a project-based learning approach



Career options

When you graduate you're likely to work in aircraft design and maintenance, aerospace control systems, aerodynamics, sustainable energy and conservation, lightweight materials, big data analytics, or new manufacturing techniques. You might join a large aerospace company or a manufacturer that contracts to the aerospace industry. Or you might work at an airline, a government aerospace laboratory or research centre. Formula One teams also employ aerospace engineers. It might also lead you to a career in management consulting or finance. Join a thrilling profession in the midst of developing the next generation of flight vehicles.

The Airbus A350, A400M and the Boeing 787 Dreamliner are just some of the advances led by aerospace engineers. Career specialisations include:

- Aircraft design and testing
- Avionics and control systems
- Airport operations and management
- Aircraft fleet management
- Manufacturing
- Research and development
- Defence industries
- Renewable energy
- Transportation aerodynamics
- Building and structure design and testing.

Industry - Institute Interaction:

- Students of the B. Tech. programme in Aerospace Engineering is expected to undertake challenging work in the Aerospace Engineering Industry, in the areas like propulsion systems, aerodynamic design, structural systems, precision manufacturing, etc.
- Students get a chance to work on live projects. With experience in such projects and with good performance, they could be given the responsibility of leading the teams which design and develop aerospace subsystems and systems.

The following are the Memorandum of Understanding (MoU) with the Industries in the field of Aerospace Engineering ;



BHARAT FORGE



Faculty Members :

Name	Designation	Qualification	Experience	Specialization
Prof. Dr. Sunil Dingare	Professor & Head	Ph.D	32 Yrs.	Mechanical Engineering
Prof. Rahul Makade	Assistant Professor	Ph.D- Pursuing	9 Yrs.	Computational Fluid Dynamics & Heat Transfer, Solar Energy
Prof. Krishna Jadhav	Assistant Professor	Ph.D- Pursuing	6 Yrs.	Aerospace Structures
Prof. Trupti Pawase	Assistant Professor	Ph.D- Pursuing	7 Yrs.	E&TC, Microwave Engineering
Prof. Dineshkumar Bajaj	Assistant Professor	M.Tech	5 Yrs.	Aerospace Engineering
Prof. Pandi Siddharth	Assistant Professor	M.Tech	5 Yrs.	Aerospace Engineering
Prof. Vijaykumar Gorfad	Assistant Professor	M.E	5 Yrs.	Space Engineering & Rocketry
Mr. Manohar Patil	Teaching Assistant	M. Tech	6 Yrs.	Earth Science

Laboratories & Infrastructure:







CIVIL ENGINEERING

Courses Offered :

B.Tech. - 4 years

CE - Civil Engineering

CE - Construction Engineering and Management

M.Tech. - 2 years

CE - Structural Engineering

CE - Transportation Engineering

Ph.D.

As notified by Dean (R & C)



Prof. Dr. Satish Baliram Patil
Professor & Head
B.E., M.E., Ph.D. (Civil Engg.)

Vision:

To develop the department as an internationally recognized center for value-based learning, research and consultancy in the field of Civil Engineering and to produce competent Civil Engineers having commitment to National development.

Mission:

To impart high quality education through competent faculty and state-of-the-art modern laboratories. Engage in R & D activities and to provide consultancy services to various government as well as non-government organizations. Addressing Civil Engineering challenges of the society. Nurture social purpose in Civil Engineers through collaborations.

Curriculum Special Features

Department of Civil Engineering offers programs at both undergraduate and postgraduate levels. The department offers specializations in civil engineering and construction engineering management at the undergraduate level and in structural engineering and transportation engineering at the postgraduate level. Infrastructure is truly a dynamic sector, where there are ample job opportunities and a huge scope unlike earlier times. Major source of employment is construction of Buildings, Roads, Railways, Airports, Bridges, Docks, Harbors, infrastructure projects.

B. Tech. - Civil Engineering

Civil Engineering is all about improving and protecting the world we inhabit. It involves the planning, designing and construction facilities that we require for everyday living, industry and transport. It offers a challenging and wide-ranging career options which includes the development of various structures like buildings, roads, railways, bridges, airports, offshore oil platforms, waste collection and treatment systems and water supply systems. Civil Engineering also aims at solving environmental issues such as air pollution, coastal protection and waste treatment.

B. Tech. - Construction Engineering and Management

The program involves application of scientific & technical knowledge of Engineering & Management to infrastructure construction projects. It provides the knowledge of Civil Engineering with focus on modern construction materials, techniques and effective construction management practices to the students. It will provide an opportunity for students to gather advanced practical knowledge about project management principles, appropriate resource management, and procurement, cost analysis of materials, labor & equipment in effective manner. Through this program civil engineers become powerful project managers who can complete projects within a given constraints of time schedule & budget.



M. Tech. - Structural Engineering

Structural Engineering - a specialty within the field of civil engineering. It focuses on the framework of structures, and designing structures that can withstand the stresses and pressures of their environment and remain safe, stable and secure throughout their use. In other words, structural engineers make sure that structure is stable throughout its life cycle. It is widely said, "If a structure was a human body, then the architect would be concerned with the body shape and appearance, and the structural engineer would be concerned with the skeleton and sinews."

Advanced software's like, STAAD Pro, ETAB and ANSYS are used to train the students as per industry requirements.

M. Tech. - Transportation Engineering

Civil engineers design, build and maintain the structural needs of our modern society, i.e. roads, bridges, drinking water units, energy systems, seaports, airports, and infrastructure. Transportation engineering dates back to the time, when someone first laid a tree-trunk across a river to make it easier to get across. The built environment encompasses much of what defines modern civilization.

Transportation systems need to cope with progress. The role of a transportation engineer is to develop efficient transportation systems that fulfil these needs. Transportation engineers.

- Review the effect of urban development on traffic systems.
- Simulate traffic in an intersection to make sure that traffic movement is smooth.
- Consider developing systems to enable pedestrian movement.
- Redesign existing transportation systems to solve the traffic problems.

Curriculum Special Features

Department of Civil Engineering offers programs at both undergraduate and postgraduate levels. The department offers specializations in civil engineering and construction engineering management at the undergraduate level and in structural engineering and transportation engineering at the postgraduate level.

Infrastructure is truly a dynamic sector, where there are ample job opportunities and a huge scope unlike earlier times. Major source of employment is construction of Buildings, Roads, Railways, Airports, Bridges, Docs, Harbors, infrastructure projects.

Student Achievements

Civil engineering students presented their projects in International Conferences and published 11 papers in various journals. Rushikesh Barhate won Silver Medal in Chess Competition in Jagran lake City, Bhopal. Priyanka Bhoite won Gold Medal in Thia Kick Boxing at District Level, Sonia Deshmukh is National Level Gold Medalist in Chess. Vallabh Deshpande is awarded with NCC Grade "C" Cadet Certification.

Industrial Visits & Guest Lectures

Students visited IIT Bombay to learn modern testing technologies in structural engineering. Visit to survey of India department is arranged every year to acquire knowledge of Indian topography and maps. Every year Hot-Mix plant visit to gain more knowledge regarding pavement mix and RMC plant visit to expand the knowledge in the area of concrete. Guest Lectures are arranged from eminent personalities to interact with students and share their experiences.

Faculty Members :

Name	Designation	Qualification	Experience	Specialization
Prof. Dr. Kishore Ravande	Professor & Principal	Ph.D.	38 Yrs.	Structural Engineering
Prof. Dr. Satish B Patil	Professor & Head	Ph.D.	30 Yrs.	Building Science & Technology
Prof. Amit S Dharnaik	Assistant Professor	Ph.D. Pursuing	10 Yrs.	Environmental Engineering
Prof. Abhijeet A Galatage	Assistant Professor	Ph.D. Pursuing	8 Yrs.	Structural Engineering
Prof. Nikhil L Landage	Assistant Professor	Ph.D. Pursuing	8 Yrs.	Structural Engineering
Prof. Rajshekhar Rathod	Assistant Professor	Ph.D. Pursuing	7 Yrs.	Infrastructure Engineering
Prof. Hrishikesh U Mulay	Assistant Professor	M.Tech.	7 Yrs.	Construction Management
Prof. Aditya K Marunmale	Assistant Professor	M.Tech.	7 Yrs.	Construction Management
Prof. Aniket D Patil	Assistant Professor	Ph.D. Pursuing	6 Yrs.	Structural Engineering
Prof. Anandrao A Jadhav	Assistant Professor	M.E.	6 Yrs.	Structural Engineering
Prof. Bhagyashri D Patil	Assistant Professor	M.E.	6 Yrs.	Environmental Engineering
Prof. Avinash A Rakh	Assistant Professor	M.Tech.	5 Yrs.	Geotechnical Engineering
Prof. Achyut A Deshmukh	Assistant Professor	M.E.	5 Yrs.	Construction Management
Prof. Gauri S Desai	Assistant Professor	M.E.	5 Yrs.	Environmental Engineering

Laboratories & Infrastructure:







COMPUTER SCIENCE & ENGINEERING

Courses Offered :

B.Tech. - 4 years

Computer Sci. & Engg. (CSE)
CSE - Intelligent Systems
CSE – Networks & Security

M. Tech. - 2 years

Computer Sci. & Engg. (CSE)
CSE - Intelligent Systems & Analytics
CSE – Networks & Security
CSE – Embedded Systems & Internet of Things
CSE – DevOps (in association with Xebia)

Integrated (B. Tech. + M. Tech.) - 5 years

Computer Sci. & Engg. (CSE)
CSE – Intelligent Systems & Analytics

Ph.D.

As notified by Dean (R & C)



Dr. Rajneeshkaur Sachdeo-Bedi
Professor & Head
Ph.D., M.Tech, B.E (Comp Sci. & Engg.)

Vision:

The department shall contribute in giving the society globally acceptable computer engineers with value-based technological and educational perspective, trained through the best-in-class faculty and infrastructure.

Mission:

To evolve into an outstanding department that contributes significantly to teaching, research and consultancy in an integrated manner.

To develop state-of-the-art infrastructure and to facilitate advanced computing in tune with the required industrial and national projects. To promote innovation and entrepreneurship to enhance the competence of graduates of Computer Science

Scope of the Programmes:

Bachelor of Technology in Computer Science & Engineering (B.Tech CSE)

The Department of Computer Science & Engineering is a discipline that integrates several fields of computing systems and engineering required to develop computer hardware and software. It mainly concerns with analyzing and solving computer-oriented problems.

The customary endeavors include writing software and firmware, the erudition of operating systems, cybersecurity, networking, biomedical, embedded systems, artificial intelligence, computer graphics, computational linguistics, privacy and security, robotics, managing databases, networks and energy-efficient architectures.

The curriculum of B.Tech-CSE programme offers multidisciplinary specializations like CSE (core), Intelligent System and Networks & Security for national and international students.

Computer Science and Engineering – CSE (core)

The course offers fundamental concepts of computer science and computational thinking.

It includes logical reasoning, problem solving, data representation, abstraction.

It propagate the creation of “digital artifacts” such as Web pages and programs, managing complexity, operation of computers and networks, artificial intelligence, ethical, legal and social aspects.

CSE- Intelligent Systems:

The course spotlight on study, design, and implementation of intelligent systems.

The course includes multi-disciplinary domains enveloping High-Performance Systems and Big Data applications.

The course lays a strong foundation for specialization in Business and Data Analytics.

CSE- Networks and Security:

The course spotlight on algorithmic design for Networks and Security solutions.

The course also explores various distributed solutions like Wireless Sensor Networks, Internet of Things, and Cloud Computing.



Masters in Technology for Computer Science and Engineering (M.Tech CSE)

A two-year M.Tech. Computer Science and Engineering Programme is designed to build on the knowledge obtained at undergraduate degree level. The course content is more practical in nature to better prepare the student with the skills they will need in the workplace. Completing postgraduate studies helps students further their career prospects and deepen their understanding of their area of study.

The curriculum of M.Tech-CSE programme offers interdisciplinary specializations covering the recent Business and Industry practices. It offers postgraduate programme in Computer Science and Engineering (core), CSE with specializations in Intelligent Systems and Analytics, Networks & Security, Embedded Systems and Internet of Things, DevOps (in association with Xebia Academy) for national and international students.

Computer Science and Engineering (core)

The course provides a foundation for a career in technology research and development.

This master degree program gives students specialized skills in one or more areas of technology, including network security, software development, or artificial intelligence.

The Course boosts student's career by enabling professionals to expand their expertise in the field.

Student gains the research skills that they need to prepare for successful admission into a Ph.D. program

CSE- Intelligent Systems and Analytics:

The course spotlight on analysis and design of Artificial Intelligence and Machine Learning algorithms.

The course includes interdisciplinary Industrial domains enveloping Health informatics, Big Data and Social Analytics.

The course lays a strong foundation for research avenues for intelligent based systems and solutions.

CSE- Networks and Security:

The course highlights the security aspects of diverse areas like the Internet, Computer Security and Cloud Security.

The course provides a strong foundation for research opportunities in Networks and Security domains.

CSE- Embedded Systems and Internet of Things:

The course offers the development of embedded systems and Internet of Things (IoT) products and services.

The course helps to employ knowledge in designing devices for sensing, actuation, processing, and communication.

CSE – Development Operations (DevOps) (In association with Xebia):

The course focuses on equipping students with set of practices, methodologies and tools software development. The course nourishes collaboration and communication of both, software developers and other IT professionals. Students learn process automation of software delivery and infrastructure changes.

Computer Science and Engineering- Integrated (B. Tech. + M. Tech.)

A five-year Integrated (B.Tech. + M.Tech.) Computer Science and Engineering programme (saving one year of academic commitment and course fee) ensure a better conception of diverse subjects from a multi-dimensional viewpoint. The degree programme is designed to encourage students to contribute their research efforts and specialization in Intelligent Systems & Analytics, Systems & Engineering, Networks & Security from the fifth semester of their academic engagement.

Computer Science and Engineering- (Ph.D.)

The Ph.D. course in Computer Science & Engineering assists to augment the background knowledge to deep understanding in the chosen area culminating in original and creative research. The course encourages the sharing of ideas across all domains to promote close interaction and collaboration in high-impact areas of research like Algorithms, Data Science, Natural Language Processing, Image Processing, Wireless Sensor Networks, Machine Learning, Networking & Security, and Distributed Systems.

Curriculum Special Features:

- Mainly focused on building a strong foundation in mathematical and algorithmic concepts.
- Along with Core CSE program we also offer specialization courses at undergraduate level in Intelligent Systems and Networks & Security.
- Post graduate program includes sufficient depth of knowledge in Computer Science Engineering (CSE) for those interested in higher studies. Correspondingly, specialization courses are Intelligent Systems & Analytics, Networks & Security, Embedded Systems & Internet of Things and DevOps (In association with Xebia Academy).
- Offers adequate flexibility to students to pursue their own interests through electives and projects.
- Project based learning is key point, where our students design, implement or develop mini project in each semester on various technology like Python, Java, etc.
- It has a strong industry linkage to make students industry-ready.
- Internships for B. Tech. & M. Tech. students for minimum six months.
- Department also offers minimum two value-added-programs which help students to explore and analyze different inter-disciplinary techniques.

Faculty Members :

Name	Designation	Qualification	Experience
Prof. Dr. Rajneeshkaur Sachdeo	Professor & Head	Ph.D. (CSE)	25 Yrs.
Prof. Dr. Reena Pagare	Assistant Professor	Ph.D. (CSE)	18 Yrs.
Prof. Dr. Jyoti Malhotra	Assistant Professor	Ph.D. (CSE)	18 Yrs.
Prof. Hanmant Pawar	Assistant Professor	ME (IT)	17 Yrs.
Prof. Dr. Nilima Kulkarni	Assistant Professor	Ph.D. (CSE)	15 Yrs.
Prof. Dr. Sambhaji Sarode	Assistant Professor	Ph.D. (CSE)	15 Yrs.
Prof. Mohan Pawar	Assistant Professor	M.Tech (CSE)	14 Yrs.
Prof. Nagesh Jadhav	Assistant Professor	ME (IT)	14 Yrs.
Prof. Asha Pawar	Assistant Professor	M.Tech (CSE)	11 Yrs.
Prof. Dipti Pawar	Assistant Professor	M.Tech. (CSE)	9 Yrs.
Prof. Monali Chinchamatpure	Assistant Professor	ME (VLSI & EMBEDDED SYSTEMS)	9 Yrs.
Prof. Sonali Deshpande	Assistant Professor	ME (IT)	9 Yrs.
Prof. Pranav R. More	Assistant Professor	ME(Computer Network)	8 Yrs.
Prof. Gurunath Waghale	Assistant Professor	MBA (Finance & Marketing), SET	8 Yrs.
Prof. Sagar Jaikar	Assistant Professor	M.E. (IT)	8 Yrs.
Prof. Suresh Kapare	Assistant Professor	M.E. (Computer Networks)	8 Yrs.
Prof. Dhanalekshmi P.Yedurkar	Assistant Professor	ME (Electronics Digital System)	8 Yrs.
Prof. Nikhilkumar B Shardoor	Assistant Professor	M.Tech (CSE)	7 Yrs.
Prof. Dr. Monica Ravishankar	Assistant Professor	Ph.D.(CSE)	7 Yrs.
Prof. Swati Dhopte	Assistant Professor	M.Tech (CSE)	6 Yrs.
Prof. Sukhpreet Kaur	Assistant Professor	M.Tech. (CSE)	4 Yrs.
Prof. Dr. Seema Wazarkar	Assistant Professor	Ph.D. (CSE)	3 Yrs.
Prof. Kiran Bidua	Assistant Professor	M.Tech (Networking & Comm.)	3 Yrs.
Prof. Amol Dande	Assistant Professor	ME (CSE)	3 Yrs.
Prof. Pankaj Choudhary	Assistant Professor	M.Tech (CSE)	2 Yrs.

Laboratories & Infrastructure:





INFORMATION TECHNOLOGY

Courses Offered :

B.Tech. - 4 years

Information Technology

IT - Data Analytics

M. Tech. - 2 years

Information Technology

IT -Cyber Security

IT- Digital Transformation Engineering

(in association with Xebia)

M. Tech. by Research - 3 years -

Ph.D.

As notified by Dean (R & C)



Prof. Dr. Rekha Sugandhi

Professor & Head

Ph.D. (Computer Science & Engg.)

Vision:

To impart high quality education by inculcating professional values in the areas of information technology to make student leaders.

Mission:

To keep abreast with the rapid development of information and communication technology, enabling our graduates to offer superior IT solutions

Scope of the Programmes:

B. Tech. - Information Technology (IT)

Considering the current scenario and requirements in Information Technology engineering solutions, the curriculum of B. Tech – IT has been designed such that it makes the students explore mandatory learning components of subjects like basic, humanities, professional core, professional electives, interdisciplinary subjects, laboratory work, technical seminars, minor projects and major project work.

The curriculum is divided into eight semesters. Semester I and II gives deep insight about basic subjects and introduces the outline of main engineering streams. Semester III and IV includes professional core subjects which are essential to strengthen the foundation of IT stream. Semester V and VI enhances the depth of core subjects and introduces professional elective subjects to broaden the knowledge base of students and creates space for interdisciplinary subjects. Semester VII and VIII focus on advanced subjects, professional Electives and major project work. Project work will open avenue for students to work with industry. Some of the electives will be driven by industry so it will provide opportunities for students to connect with Industry professionals. From Semesters III through VI, Mini project work is another key component which is introduced to provide a platform for students to apply their learning and create working modules.

B. Tech. – IT - Data Analytics

Wide spread of the internet and use of social media is generating data with tremendous velocity, volume and very wide variety. This has given birth to current technological trends like big data technologies, cloud computing, advanced mining techniques etc. Accurate and effective analysis of this huge data is a challenging task which has given significant importance to "Data Analytics". In addition to core courses in information technology and engineering, B. Tech – IT (Data Analytics) is designed for students to explore courses teaching important business analytics like Multimedia Analytics, Social Analytics, Risk Analytics, Market Analytics, etc.

The curriculum gives deep insight of basic subjects and introduces the outline of main engineering streams in the



first year. Professional core subjects are taught in the second year, essential to strengthen the foundation of the IT stream. The third and fourth years delve into the depth of core subjects, along with the introduction of professional elective and interdisciplinary subjects to broaden the knowledge base of students required for analytics with courses on Python and R programming languages, Probability and Queuing Theory, Multivariate Techniques in Data Analysis, Applied Machine Learning, Algorithms for Advanced Analytics, etc. Project work (including mini projects in semesters III through VI) will open an avenue for students to work with industry and solve real engineering problems.

M.Tech. - Information Technology (IT)

The M.Tech. (IT) program can be pursued by graduates of any specialization in Computer Science and IT streams. Software Laboratory courses incorporate practical implementation of concepts learnt in theory courses. This feature of the program helps the students understand the concepts more manifestly and improves their employability skills. Technical Seminars facilitate students with survey of research literature in the field of IT and trains the students to think of solutions to complex real problems. This knowledge gain is further implemented in the Project work and mini-project course for possible solutions on socially relevant and research oriented problems. Throughout the program, students learn new tools and technology to gain proficiency and enhance their skill sets.

M.Tech. – IT - Cyber Security

The M.Tech program also offers specialization in Cyber Security that includes all aspects of security in networking and ubiquitous computing. The program offers four pools of electives that provide breadth to the knowledge in cyber security. The course of the Technical Seminar in semesters I and semester III, provides a platform for students to study the latest developments on technological front and express their views in front of other audience which increases their self-confidence. The curriculum also includes mini-project and project work in both years of the course where students understand research culture and implement novel solutions to real problems in cyber security.

M.Tech. IT - Digital Transformation Engineering (DTE) (In association with Xebia)

Digital transformation is the process of using technology to radically improve or change the way your Businesses operate. The course focus on equipping students with a specialized software development practices that emphasize on Digital Product Engineering and Design Thinking, Agile Software Development, Cloud Computing and Virtualization, Software Craftsmanship, Modern Web and Mobile Frameworks, Devops and Test Automation & Internet of Things.

DTE skills gained a healthy market value with an average salary standing at Rs.7,03,374 per year for DTE engineers in India. Potential scope and career prospects after completion of program is as under:

- Full Stack Developer (Web Developer, Mobile Application Developer)
- Frontend Designer and Developer
- Cloud Solution Architect and Cloud Developer
- DevOps Engineer and DevOps Lead

M.Tech. by Research

The programme emphasizes multidisciplinary and rigorous learning and research work. The students will be allotted a guide in the first semester itself and will be working on the Research area of Interest. Students have to take only four subjects according to their Research Domain. It aims to those external candidates who are engaged in jobs or their duties and are interested to do research in different disciplines offered by various departments of MITSOE. Potential scope and career prospects after completion of this program is as under:

- Research Associate and Project Associate
- Research Scientist and Professor

Ph.D. IT

Research aspirants can pursue their doctoral degree in IT that includes coursework on research methodology, computational techniques and statistics. The coursework sets the foundation for concrete and methodical research under the supervision of research guides on campus. The program provides well-equipped laboratories to support research in diverse areas like data science, machine intelligence and artificial intelligence, high performance computing and security.

Curriculum Special Features:

- State-of-the-art resources including well-equipped and advanced infrastructures and self-learning facilities supported by well trained, experienced and knowledgeable faculty members and resource persons.
- Project-based learning and internships on multidisciplinary platforms. Mini-projects are an important part of the curriculum from semesters III through VI that focuses on practical implementation of concepts.
- Collaborative work with multiple streams and association with industries, universities and research labs. Center of Excellence for Artificial Intelligence & Deep Learning Labs, supported by NVIDIA and EPMI, Graduate Engineering College France for establishing 'Centre of Excellence' for Industry 4.0 & IoT.
- MoUs with Virtual Electronics Manufacturing (VEM) Tooling Ltd., Quick Heal Pvt. Ltd., Machine Intelligence Research Labs, Xebia Academy, Skills Factory Learnings Pvt. Ltd., EdGate Technologies (Texas Instruments), ICT Academy-Dell EMC & AWS Educate, Softech Data Securities Pvt. Ltd., University of Aizu, Japan, and RedHat Pvt. Ltd.
- Value-added-Programs (VAPs) in collaboration with industry trainers. Tie-Ups with international universities – CMI, University of Aalborg, Denmark and California State University for student internship and training programs.

The Best Practices adopted in the department:

1. Ability to solve real-life engineering problems.
2. Adapting to industry needs.
3. Programming Best Practices.
4. Use of technology for social benefit sustainability .
5. Facilitating the notion of Work-life Balance

Faculty Members :

Name	Designation	Qualification	Experience	Specialization
Prof. Dr. Rekha Sugandhi	Professor & Head	M.Tech (CSE), Ph.D. (CSE)	20 Yrs.	Affective and Cognitive Computing, Natural Language Processing
Prof. Arvind Jagtap	Assistant Professor	M.E. in Com. Net. Ph.D. pursuing	12 Yrs.	Wireless Networks
Prof. Sumitra Pundlik	Assistant Professor	M.E.CSE-IT, Ph.D. Pursuing	11 Yrs.	Data Analytics and High Performance Computing
Prof. Indrayani Awate	Assistant Professor	M.E.(IT)	10.5 Yrs.	Data Structure, Biometric, Networking
Prof. Reetika Kerketta	Assistant Professor	M.E. (CSE), Ph.D. Pursuing	10 Yrs.	Networks Security and Cloud Computing
Prof. Yogesh Gajmal	Assistant Professor	M.Tech (CSE), Ph.D. pursuing	9 Yrs.	Cloud Computing and Security
Prof. Kanchan Katake	Assistant Professor	M.E Computer	8 Yrs.	Machine Learning and Computer Networks
Prof. Prajakta Dhamdhare	Assistant Professor	M.E.Computer Science	6 Yrs.	Computer Networks and Security
Prof. Dr. Parnika Kekre	Assistant Professor	M.Tech (CSE), Ph.D. (CSE)	4 Yrs.	Data Mining, Machine Learning, Graph Mining and Search, Data Science

Laboratories & Infrastructure:





ELECTRONICS & COMMUNICATION ENGINEERING

Courses Offered :

B.Tech. - 4 years

Electronics & Communication Engineering
Electronics & Computer Engineering

M. Tech. - 2 years

Microelectronics and VLSI Design
Signal Processing and Communication
Signal and Image Processing

Ph.D.

Electronics and Communication Engineering



Prof. Dr. Virendra V. Shete
Vice-Principal & Head
Ph. D. (Electronics)

Vision:

To be a centre of excellence in Electronics and Communication Engineering Education and Research, that produces globally competent technocrats and professionals with social commitment.

Mission:

To impart high quality engineering education in Electronics and Communication Engineering Domain for the students.

Scope of the Programmes:

B. Tech. - Electronics & Communication Engineering

Electronics & Communication graduates find wide opportunities in today's emerging sectors of Electronic, Robotics, Embedded Systems, Medical Electronics, Internet of things (IoT), Intelligent system & mobile computing world of digital communication. The wide-ranging career paths are followed such as electronic product design, development, research, technical focus to customer focused areas. After successful completion of the programme, the students achieve the ability to identify and solve current research issues in communication, signal processing and all other subsidiary areas.

Excellent infrastructure & the state-of-the-art laboratories are available in the department. MIT School of engineering abides to provide all the necessary facilities to formulate ourselves in the format of world-class universities.

B. Tech. - Electronics & Computer Engineering

To match with the increasing demand of rapidly growing Industries like Internet of Things,(IoT), Intelligence Systems, Embedded Systems, Machine Learning and Automotive Electronics a special course of Electronics & Computer Engineering has been designed in consultation with top corporate leaders to cater the immediate need of appropriately skilled technocrats with required knowledge of amalgamation of Electronics and Computer engineering. These graduates shall be acceptable over a wider range of industries as the Nation is heading to electronic Industry revolution for the next two decades as a mandatory policy of comprehensive National growth.



These graduates shall have wider opportunities in today's emerging sectors of Hardware and Software field of Electronic and IT industries. On successful completion of the programme, the students achieve the ability to identify and provide technical solutions to current research issues in the hardware and software industry. With the available state-of-the-art laboratories, infrastructure and excellent faculties of the department MIT School of engineering promises to provide all the necessary facilities at par with the format of world-class universities.

M. Tech. - Microelectronics & VLSI Design

Last decade has seen an exponential growth of research and development in the field of electronic solutions for a vast number of consumer appliances, healthcare and industrial problems. A majority of these lie in the consumer appliances domain, spearheaded by the ever-increasing demand and use of smartphones and entertainment appliances. At the heart of this second electronic revolution, lies the tremendous development in microelectronics and very large scale integration techniques. Hence this specialized branch of Electronics and Communication has created huge employment opportunities.

M. Tech. - Signal & Image Processing

The field of signal and image processing encompasses the theory and practice of algorithms and hardware that convert signals produced by artificial or natural means into a form useful for a specific purpose. Current research in digital signal processing includes robust and low complexity filter design, signal reconstruction, filter bank theory, and wavelets. Image processing work is in restoration, compression, quality evaluation, computer vision, and medical imaging.

M. Tech. - Signal Processing & Communication Engineering

The communications & Signal processing area includes research directed toward wireless mobile and PCS communication, smart antennas, GPS, radar, speech recognition and synthesis, image processing and pattern recognition, remote sensing, local and wide-area computer networks, and multimedia communication and processing. Communication and Signal processing engineers required in Research and Development organizations like BARC, ISRO, DRDO, ARDE, Bharat Electronics and Telecommunication operators like BSNL, Idea, Reliance Jio, and Vodafone. Network providers like CISCO, D-Link also hire Communication and Signal processing engineers. There is big demand in automotive sector & software industries for these engineers.

Ph.D. - Electronics and Communication Engineering

Higher education and research have come to the forefront to develop technical and professional skills in a knowledge-based economy. The Electronics & Communication Engineering department offers a Ph.D. course to sharpen the analytical skills, and be able to apply these skills to subsequent ventures. The course aspires to identify and provide solutions to existing challenges in the field of electronics & communication engineering to cater industrial and social needs in the areas of research like Signal and Image Processing, Microelectronics & VLSI Design and Communication Engineering.

Curriculum Special Features:

With a boost in research and development in the areas of Microelectronics and VLSI design, Electronics and Computer Engineering the opportunities in electronic hardware industries are growing with rapid bounds. This expects skilled workforce which can only be provided by academic institutions. This again is facilitated by experience and qualified teaching faculty. Hence the individuals wishing to take up academic careers shall find ample opportunities in institutions offering such courses. Course curriculum designed by us is unique and fall in line with industry requirement. After successful completion of the programme, the students achieve the ability to identify and solve current research issues in communication, signal processing and allied areas.

Faculty Members :

Name	Designation	Qualification	Experience	Specialization
Prof. Dr. Virendra V. Shete	Vice-Principal & Head	Ph. D. (Electronics)	25 Yrs.	Signal Processing , ANN, DC
Prof. Dr. Reena Gunjan	Professor	Ph. D. (Computer Engineering)	31 Yrs.	Image Processing, MI
Prof. Dr. Dhananjay E. Upasani	Associate Professor	Ph. D. (Electronics)	25 Yrs.	Signal Processing, PE
Prof. C. V. Kulkarni	Associate Professor	M. Tech (Electronic Design & Tech.)	26 Yrs.	VLSI Signal Proce., CN
Prof. Umashankar R. More	Assistant Professor	M. E. (Electronics)	19 Yrs.	VLSI Design
Prof. Dr. Ramesh Y. Mali	Assistant Professor	Ph. D. (Electronics)	19 Yrs.	Signal Processing
Prof. Rageshree V. Bakare	Assistant Professor	M. E. (Electronics)	15 Yrs.	Circuits and Systems
Prof. Shubhangi Joshi	Assistant Professor	M. E. (Electronics)	18 Yrs.	Communication
Prof. Sachin B. Takale	Assistant Professor	M. E. (Electronics)	14 Yrs.	Comm. Networks
Prof. Lalit Kumar	Assistant Professor	M. Tech. (Power Systems)	10 Yrs.	Power Systems
Prof. Monika S. Bhojar	Assistant Professor	M. E. (Electronics)	10 Yrs.	Signal Processing
Prof. Mahesh A. Kamthe	Assistant Professor	M. E. (Electronics)	8 Yrs.	Communication, DS
Prof. Amitkumar Patil	Assistant Professor	M. E. (Electronics)	8 Yrs.	Digital Tech. & Instru.
Prof. Shraddha S. Kute	Teaching Assistant	M. E. (Electronics)	3 Yrs.	Comm. Networks



Laboratories & Infrastructure:





MECHANICAL ENGINEERING

Courses Offered :

B.Tech. - 4 years

Mechanical Engineering

Mechatronics & Automation Engineering

M. Tech. - 2 years

Design Engineering | CAD/CAM

Mechatronics & Automation Engineering

Energy Engineering | Electric Vehicle (EV)

M. Tech. By Research - 3 years

Integrated (B. Tech. + M. Tech.) - 5 years

Design Engineering

Mechatronics and Automation Engineering

Ph.D.



Prof. Dr. Sudarshan B. Sanap
Professor & Head
B.E., M.E., Ph.D. (Mechanical Engg.)

Vision:

To develop globally competent multi-faceted Mechanical Engineers by nurturing moral and ethical values.

Mission:

To provide a conducive academic environment through effective teaching-learning and research culture.

To develop world-class mechanical engineers to cater diverse needs of the society by imparting application oriented engineering knowledge and providing academia-industry interaction.

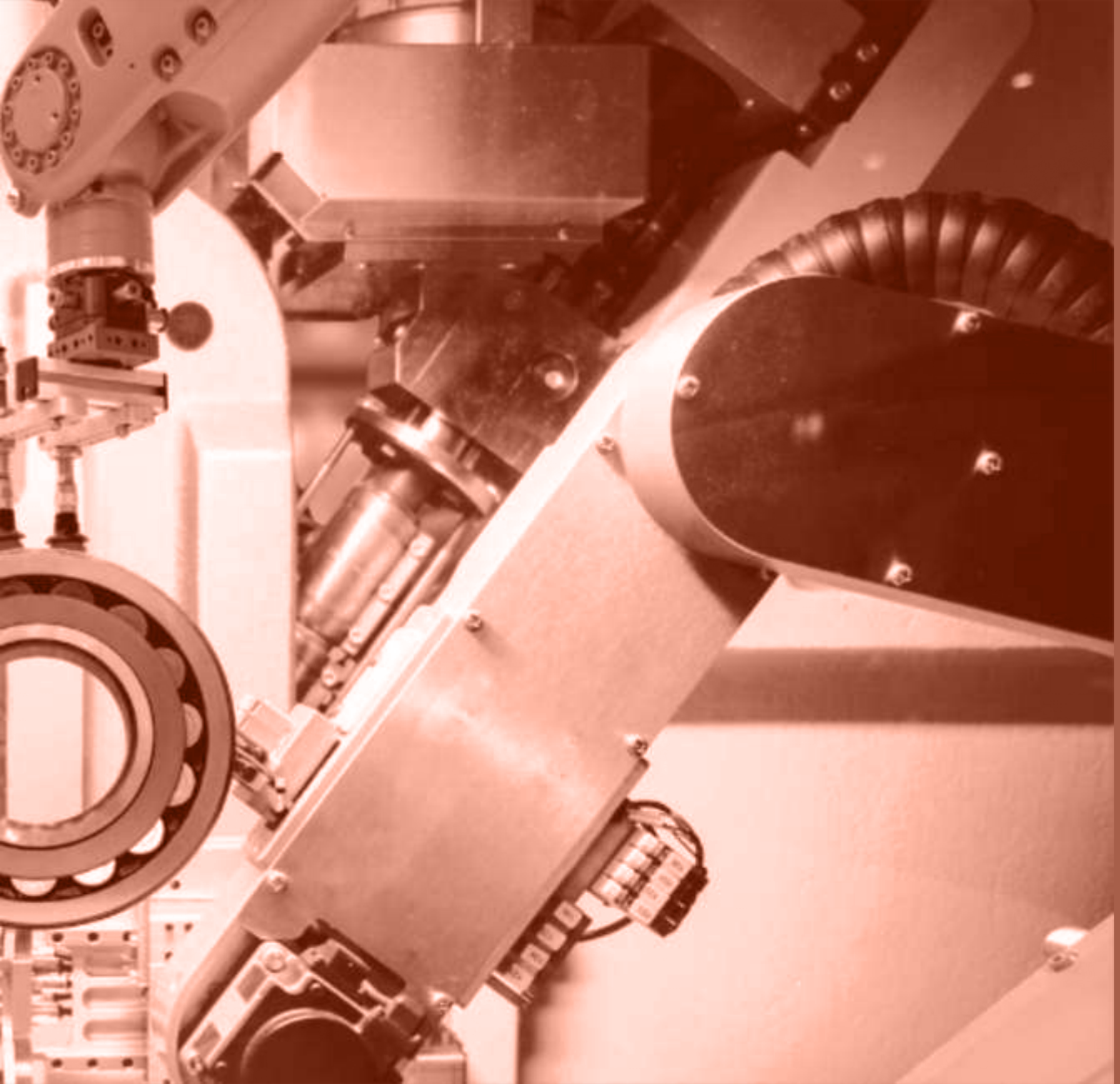
To emphasize the importance of ethics and morals by creating awareness and persistent practices

Scope of the Programmes:

The Department of Mechanical Engineering provides students with the sound knowledge coupled with hands-on opportunities to design (everything from robots to hybrid electrical vehicles), build and test, along with the soft skills of leadership and teamwork that influences virtually every aspect of their life. The students get a breadth of fundamental knowledge in mechanical engineering and also specialized topics during their stay in the program. The curriculum of B.Tech-Mechanical programme offers multidisciplinary specializations like Mechatronics and automation engineering, Design engineering, CAD/CAM and Energy engineering. This 'mother' branch of engineering contribute in the advanced manufacturing processes, power plant equipment, heating and cooling systems, other simple and complex machinery; and new areas of research such as nanotechnology, development of composite materials, biomedical applications, environmental conservation, etc. Our Bachelor's degree gives graduates the knowledge, skills, moral values and attributes so that they can grow and prosper to become tomorrow's thought leaders in private sector, government, and non-governmental organizations. We accomplish this through wide range of courses, state-of-the-art labs, highly accomplished faculty (well known in their areas of research), student societies, and design and build teams.

B. Tech. - Mechatronics & Automation Engineering

In today's Engineering sector the multidisciplinary approach plays an important role for industrial development. By this motive this programme is developed which improves multiskills of an Engineer during their graduation. It is the integration of various engineering fields which includes Mechanical, Digital Electronics, Electrical, Computing and Control systems engineering. It amplifies the student's skill set to design and construct the automated factories. Students studying this program will be well equipped with the core knowledge of Computers, Microcontrollers, Integrated Circuits, Programmable Logic Controllers, Industrial Sensors & Actuators, Electro-Hydraulics, Electro-Pneumatics and Industrial Drives along with Design of Mechanical Structure, Material Selection and Manufacturing



Processes. The other areas where Mechatronics Engineering is applicable that are Instrumentation Engineering, Automotive Electronics, Bio-Medical Instrumentation, Electric as well as Hybrid Vehicles and other area where Automation is to be implemented.

M. Tech. - Design Engineering

This programme is designed to enable an engineer to develop specific capabilities in design, synthesis and analysis of a wide variety of Mechanical Systems. The programme focuses on developing design methodologies which involve high degree of research orientation supplemented with practical insights. Student will expose advanced computational and analysis tools to enhance the capability as a skilled design engineer. These Engineers have great scope in Design & Research core industry, consultancy, startup, academia etc.

M. Tech. - CAD/CAM Engineering

Computer-aided design (CAD) and computer-aided manufacturing (CAM) are a pair of often interdependent industrial computer applications that have greatly influenced the chain of processes between the initial design and the final realization of a product. This programme is designed to enhance the mathematical, scientific and engineering fundamentals which gives ability to develop various Virtual Simulations Techniques for industrial applications and new technologies in the field of Rapid Prototyping & Manufacturing. Future scope of the CAD, CAM is completely depends on the technology. Nowadays the technologies like AI, VR, AR, Cloud technology, IoT, 5G technology and Industry 4.0 are the most influential business sector changing the shape of the economy and provide growing opportunities for employment as companies seek out cost-efficient methods to develop new products. Knowledge of CAD/CAM software shall be an added weapon for students seeking research work & securing good job opportunity globally.

M. Tech. - Mechatronics & Automation Engineering

This programme focuses on current Industrial development scenario in the field of electronics and mechanical. These professionals usually get involved in storage & processing digital data. This data will be used for the development of automated products used in advanced factories. These engineers are also capable to develop the digital instruments used in medical field for basic parameter measurement related to human body as well as surgical operations. Mechatronics also has wide scope in Artificial Intelligence, Embedded systems design, Robotics and Space Research activities carried out in various organisation like in the ISRO.

M. Tech. - Electric Vehicle (EV)

It covers hybrid and electric vehicle engineering concepts, theory, and applications relevant to EV. This innovative program will cover a variety of aspects of future vehicle design, technology and management. The program provides advanced knowledge and hands-on labs facility to learn design, analysis, control, calibration, and operating characteristics of EVs. Programme is aimed at those youngsters who are zeal about upcoming era in mobility. While most automakers shift their focus to vehicles powered by electricity alone. Pure electric vehicles (EVs) currently make up 66 % of the global EV market and its sales are growing faster than those of plug-in hybrid vehicles (EV).

M.Tech. - (By Research)

It is 3 yrs. program which targets external candidates who are engaged in jobs or their duties. The course can be pursued in various streams of engineering. The students will be allotted a guide in the first semester itself and will be working as per their guide's suggestions. Students can take four to five subjects. M.Tech. by Research course will give a student the required research expertise to pursue Research in the future and will also enable students who are earning or have other duties to get an M.Tech. Degree.

Curriculum Special Features:

The Department offers eight-semester Bachelor of Technology (B. Tech.), four semester Master of Technology (M. Tech.) programme and a ten-semester integrated Master of Technology (M. Tech. Integrated) degree in Mechanical Engineering. The course curriculum has been designed to prepare its graduates to become intellectual leaders in industry, government and academia. Graduates of this programme will have the professional and scientific knowledge that allows them to be successful as Engineers.

Faculty Members :

Name	Designation	Qualification	Experience	Specialization
Prof. Dr. Sudarshan Sanap	Professor & Head	Ph.D. (Mechanical)	22 Yrs.	Vibration Engineering
Prof. Dr. Sachin Pawar	Professor	Ph.D. (Mechanical)	19 Yrs.	Composite Material
Prof. Dr. Virendra Bhojwani	Professor	Ph.D. (Mechanical)	20 Yrs.	Thermal Engineering
Prof. Pramod Chaudhari	Asso. Prof.	M.E. (Ph.D. Pursuing)	26 Yrs.	Turbomachines
Prof. Sujit Phunde	Asso. Prof	M. E. (Ph.D. Pursuing)	25 Yrs.	Heat Power & Project Management
Prof. Ajaykumar Ugale	Asst. Prof.	M.E. (Ph.D. Pursuing)	13 Yrs.	Design Engineering
Prof. Savita Shinde	Asst. Prof.	M.E. (Ph.D. Pursuing)	15 Yrs.	Heat Power
Prof. Prashant Patunkar	Asst. Prof.	M.Tech.(Ph.D Pursuing)	22 Yrs.	Thermal & Fluids Engineering
Prof. Anilkumar Sathe	Asst. Prof.	M.Tech. (Ph.D Pursuing)	20 Yrs.	Thermal & Fluids Engineering
Prof. Sandeep Ohol	Asst. Prof.	M.Tech.	14 Yrs.	Metallurgy & Steel Technology
Prof. Mohan Kulkarni	Asst. Prof.	M.E. (Ph.D. Pursuing)	12 Yrs.	Automotive
Prof. Dr. Sandeep Thorat	Asst. Prof.	Ph.D.	19 Yrs.	Design Engineering
Prof. Nishigandha Patel	Asst. Prof.	M.Tech. (Ph.D. Pursuing)	8 Yrs.	Cryogenic
Prof. Anurag Nema	Asst. Prof.	M.Tech. (Ph.D. Pursuing)	13 Yrs.	CAD/CAM
Prof. Archana Nema	Asst. Prof.	M.E. (Ph.D. Pursuing)	13 Yrs.	Design
Prof. Ajit Joshi	Asst. Prof	M.Tech.	14 Yrs.	Thermal Engineering
Prof. Shashank Gawade	Asst. Prof	M. Tech.(Ph.D. Pursuing)	14 Yrs.	Physical Metallurgy
Prof. Mathew Karvinkoppa	Asst. Prof	M.E. (Ph.D. Thesis Submitted)	10 Yrs	Asst. Prof
Prof. Ganesh Kekan	Asst. Prof	M.Tech.	10 Yrs.	Design Engineering
Prof. Sateesh Patil	Asst. Prof	M.Tech.	15 Yrs.	Industrial Tribology
Prof. Mangesh Dhavalikar	Asst. Prof	M.E. (Ph.D. Pursuing)	9 Yrs.	Mechatronics
Prof. Abhijeet Chavan	Asst. Prof	M.E. (Ph.D. Pursuing)	12 Yrs	Design
Prof. Shrikant Gunjal	Asst. Prof	M.E. (Ph.D. Pursuing)	7 Yrs.	Manufacturing
Prof. Ashish Umbarkar	Asst. Prof.	M. Tech.(Ph.D. Pursuing)	7 Yrs.	Thermal Engineering
Prof. Ashwinkumar Mahindrakar	Asst. Prof.	M. Tech.	11 Yrs.	Mechatronics
Prof. Vishwanath Patil	Asst. Prof.	M. Tech.(Ph.D. Pursuing)	8 Yrs.	Computer Integrated Manufacturing
Prof. Siddharth Salve	Asst. Prof.	M. Tech.	3 Yrs.	Design Engineering
Prof. Pratik Joshi	Asst. Prof.	M. Tech.(Ph.D. Pursuing)	6 Yrs	Manufacturing
Prof. Satyavan Digole	Asst. Prof.	ME	3 Yrs	Heat Power

Laboratories & Infrastructure:



APPLIED SCIENCES & HUMANITIES



Prof. Dr. Shalini Garg
Associate Professor & Head
M. Sc., Ph.D. (Applied Physics)

The Department of Applied Sciences and Humanities executes the First Year Engineering course to lay a strong foundation in Core Engineering and Engineering Sciences. A transition from typical school environment to professional engineering environment takes place in the first year.

An excellent infrastructure in terms of well-equipped laboratories supported by highly qualified staff provides students with an environment conducive for studying. The department has modern classrooms and is supported with staff from other departments of Mechanical Engineering, Electronics & Communication Engineering, Computer Science and Engineering, Information Technology, Civil Engineering and Aerospace Engineering.

We firmly believe that given the right direction and support, every individual has the ability to excel. With this line of thought, we as faculty members take up the responsibility of being a friend, philosopher and guide to students. Each student is assigned a mentor teacher. Hence the faculty becomes an integral part of the students overall development and performance. Most of the faculty members have completed their Ph.D and are actively involved in research work.

Apart from academics, students are provided with the opportunities to participate in various co-curricular and extracurricular activities. To inculcate social values in students, national level events are organised with their active participation in Samarth Bharat Abhiyan, tree plantation, medical check-up, blood donation camps, visits to orphanages, old age homes and rehabilitation centres, etc. In addition, Applied Science and Technology Club (ASTECH) club provides a platform for continuous nurture of potential young talents and unlock their passion in engineering sciences. Here the students get the best platform to explore them to excel in all domains of life. In line with the mission of MIT School of Engineering, the department propels the students to exploit these resources to the maximum and evolve as hard core professionals with the valued principles.



Laboratories

Engineering Physics

Is state-of-the-art laboratory equipped with modern and innovative experimental set ups to analyze and apply the concepts of polarization, interference and diffraction, advances in lasers, photonics and fiber optic communication systems. This gives the students the opportunity to gain insight into the basic principles of Applied Physics, develop scientific thinking and problem-solving skills.

Engineering Chemistry

Engineering Chemistry Laboratory offers students with hands-on training for qualitative and quantitative analysis of water and fuel samples and trains them for preparation and characterization of diverse polymers and corrosion control. Our lab is equipped with Digital Balance, Digital Photoelectric Colorimeter, pH meter with electrode, COD Digester System, Eliminator Batteries, Hot Air Oven, Muffle Furnace, Distilled Water plant.

Language Laboratory

Apart from regular classroom teaching, providing supplementary materials and resources to students helps them develop linguistic skills more effectively. Language skills such as listening, speaking, reading, writing, grammar and vocabulary can be enhanced through our computer-assisted language learning laboratory. Our language lab is one such attraction that not only full fills the norms of NBA, NAAC, etc., but also allows a higher level of teacher management and control over the student desktop. There is a teacher-controlled system connected to 200 student consoles, with headsets and microphones. This motivates students to talk freely and lose shyness.

Faculty Members :

Engineering Physics

Name	Designation	Qualification	Experience	Specialization
Prof. Dr. Shalini Garg	Associate Professor. & Head	Ph. D.	19 Yrs.	Nanophotonics
Prof. Dr. Bhavik Kodrani	Assistant Professor	Ph.D.	8 Yrs.	High Energy Physics
Prof. P.S. Dharmapatre	Assistant Professor	M.Sc.	9 Yrs	Semiconductor Physics
Prof. Dr. Vinayak Dhumale	Assistant Professor	Ph.D.	8 Yrs	Nanoscience & Nanotechnology

Applied Mathematics

Name	Designation	Qualification	Experience	Specialization
Prof. Dr. H. R. Bhapkar	Assistant Professor	Ph.D.	20 Yrs.	Graph Theory
Prof. Dr. Krishna Kumar	Assistant Professor	Ph.D.	21 Yrs	Non-Linear , Functional Analysis , Fixed Point Theory
Prof. Mahesh Jagtap	Assistant Professor	M.Sc., M.Phil, NET	15 Yrs	Mathematics
Prof. Sanjay Ghodechor	Assistant Professor	M.Sc. SET	13 Yrs	Mathematics
Prof. Sagar Godse	Assistant Professor	M.Sc. NET	9 Yrs.	Mathematics
Prof. Dr. Monika Vishnoi	Assistant Professor	Ph.D.	7 Yrs	Operations Research & Inventory Control
Prof. Sunil Thakare	Assistant Professor	M.Sc. SET	15 Yrs	Differential Equations & Integrals
Prof. Vikas Kulal	Assistant Professor	M.Sc. SET	7 Yrs	Mathematics
Prof. Dr. Ruma Saha	Assistant Professor	Ph.D.	5 Yrs	Dynamical Systems

Engineering Chemistry

Name	Designation	Qualification	Experience	Specialization
Prof. Rajesh Jadhav	Assistant Professor	M.Sc., M. Phil	20 Yrs.	Analytical Chemistry
Prof. Dr. Rahul Kadu	Assistant Professor	Ph.D.	5 Yrs.	Organometallic Medicinal Chemistry
Prof. Dr. Manoj Patowary	Assistant Professor	Ph. D	4 Yrs.	Physical Chemistry
Prof. Dr. Ramya C.	Assistant Professor	Ph.D.	4 Yrs	Physical Chemistry
Prof. Benazir Pirzade	Assistant Professor	M.Sc.	6 Yrs	Applied Chemistry

Humanities

Name	Designation	Qualification	Experience	Specialization
Prof. Dr. Jayashri Nalkar	Assistant Professor	Ph.D.	10 Yrs.	English
Prof. Swapnil Shrisath	Assistant Professor	M.A., BEC, TKT	9 Yrs	English
Prof. Payal-Shah Sanghavi	Assistant Professor	M.A., C2 German	7 Yrs	English, Linguistics & German

Laboratories & Event Photos





CORPORATE RELATIONS, TRAINING & PLACEMENTS



Prof. Sujit Phunde
Associate Professor &
Head - Industrial relations,
Training & Placement

Vision:

We shall provide MIT School of Engineering students the best opportunities of professional fields inline with their career aspirations by enabling them with value based trainings.

Mission:

MIT School of Engineering, Training and Placement function is committed to imparting value based training and placement opportunities to fulfill their career aspirations by creating value with process approach towards academic excellence and building capable ecosystem with industrial network.

Training and Placement Ecosystem of MIT School of Engineering

MIT-ADT University inherits wisdom of 37+ years' academic excellence from MIT Group. MIT group has widespread alumina of 150000+ students across globe and has immensely contributed to academic excellence. This rich legacy has driven MIT-ADT University to the heights of eminence.

Role of Training and Placement Ecosystem of MIT School of Engineering

Strategic focus of T&P is to extending students the best possible opportunities of Placement in his / her area of professional interest. T&P University plays a vital role in recognising the area of interest of students, customising and fine-tuning it to the required set of competencies and skill-sets along with conducting pre-placement talks, facilitating value-added training, workshops, events, etc. T&P extends opportunities to students for internship and placements as per student career aspirations.

MIT SOE Training and Placement

T&P is led by Prof. Sujit Phunde (Head- Corporate relations, Training and Placement) with extensive professional experience. T&P functions are supported by Department Training Placement Officers (DTPOs) from each Department.



MIT SOE Training and Placement Process

TNP extensively interact with various professionals and industry experts for academic partnerships/ collaborations on various fronts of student exposure programmes for bridging Gaps between industry and Academics.

At broad TNP has following Functions:

- Corporate relations
- Annual Planning of T&P Activities.
- Technical Trainings
- Soft-skill Trainings along with School of Holistic Studies (SHD) & School of corporate innovation & leadership (SCIL)
- Internship and Placements

Training

These are training in addition to the existing academic syllabus for the benefits of students. These includes broadly, technical trainings and softskill trainings

Training Details for Competency Building

MIT School of Engineering imparts soft-skill training for holistic development of students to translate his / her natural potential to the winning personas for future professional world of interest. These are basically on three basic dimensions of "Competency Triangle" which is proven HR practice of competency mapping, worldwide. MIT School of Engineering shall leave no stone unturned to enable students to smoothly qualify for the entry levels of professional employment opportunities in private / government sectors as well as to start their own setup.

Technical Training Activities with Industry Exposure Programmes (Apart from Curriculum)

Academic curriculum is established with the commendable contribution of Board of studies which comprises Academic and Industrial experts. Training and Placement contributes for "INDUSTRY EXPOSURE PROGRAMMES" (IEP), to bridge the gap between academic curriculum and present industrial requirements which are not part of credit systems such as :

- Guest Lectures : We invite experts from Industry for interactions on latest Technical Topics
- Industry Visits : Various Industrial Visits are arranged for Domain Awareness
- Short term Internships: Short term internships range from 4 to 6 week are arranged in-between gap of two semesters, during the period of Vacation. It is generally in the month of Jun and Dec.
- Long Term Internships: Long Term Internships are undertaken as a part of Project Completion in association with Industries in Sem-VIII . It generally ranges from Jan to May.
- Valued added Programmes i.e. professional certifications which are recognised by industries.

Softskill (Behavioural and Communication) Trainings

MIT School of Engineering coordinates these trainings in close association with School of Holistic Studies and School of Corporate Leadership and Innovation teams.

These teams have responsibility to implement the soft-skill trainings

MIT School of Engineering provides special attention to the communication and behavioural competencies' of students by arranging special training of @ 100 hrs from experts. This includes Attitude, Aptitude, Communication, personality development. MIT School of Holistic Studies and MIT School of Vedic Studies have responsibility for supervising overall development of student personality.

MIT School of Engineering holds various events and competitions (Persona Fest, Sports Competitions, National and International Conferences...etc) which gives opportunities to students to face challenges, be the part of team and lead the innovative ideas to exemplify the leadership qualities.

Internship And Placements

MIT School of Engineering's' first batch of 142 student shall pass out in May 2020. MIT SOE has offered 70+ reputed placement drives for the outgoing students who were aspiring for professional career. MIT SOE has facilitated @ 80 % internship + placements at various reputed companies for final year students. Min package offered is 2.4 lpa (Bharat Forge and similar) and Max package offered is 24 lpa (Japanese Third Party Campus Drive). Refer the list of recruiters at the last part of this article.

Placement drives are basically of following categories:

- Campus Drives (Dedicated placement drives for MIT SOE)
- Online drives (HR undertakes placement drives for various institutions online)
- Pool campus drives (more than two institutions come together at common place to conduct pool campus drives. This reduces lot of Industry – HR person time and energy)
- Competitions, Hackathons..etc. This trend of selection is emerging and growing rapidly.
- Assessment and Placement (Various Associations for.e.g. AMCAT, assess students and refer the qualified students to the companies with which associations already have tie-ups)
- Internship + placement (Join for internship of 6 months, in last sem and continue with same company after satisfactory performance)
- Apprenticeship programmes
- Government Jobs (As per government process of selection)
- Defence Jobs (Through University entry Scheme)

Placement team makes initial counselling of students in sem-VI for identify interest. Also adequate trailing is imparted by Academics, School of Holistic Studies, School of Corporate Leadership and Innovation for smooth qualification at entry level.

Tie-ups with Foreign Universities also expand the horizons of exposure for Global Technical understanding and add muscles to the student confidence. This has also facilitated the international exposure programmes via. Student exchange internship programmes. MIT School of Engineering has send 28 students to Alborg University in May 2019.

Key Foreign Universities with whom we have tie-ups are:

- University of Aizu, Japan
- Marmara University
- ECAM-EPMI Graduate School of Engineering, France
- Alborg University, Denmark
- University of Aberdeen, Scotland, U.K
- University of Wollollogong, New South Wales, Australia
- Centre of Excellence, Osmania University, Hyderabad

MIT SOE also provides carrier guidance for those who intends to join govt, services (UPSC, MPSC, PSU..etc), Defence services or pursue higher education.

Incubation Opportunities

MIT ADT University has taken keen interest in tie-ups with govt bodies for encouraging research, innovation, entrepreneurship and skill development initiative. Atal Innovation Mission, NITI Aayog, Gov. Of India : We have established Atal Incubation Centre (AIC) at MIT ADT University, which facilitates for translating business ideas of students into start-up by providing them grants, office spaces and mentoring support. MIT ADT University has got grant upto 10 cr from NITI Aayog for AIC.

Corporate Connect

T&P connects Industry professionals for various industry institute academic programs.



Viraj Kalyani, Executive President, Kalyani Forge



Shri. Virendra Joshi- CEO Sigma Electric exchanging MoU with Dr.Kishore Ravande (Principal-MITSOE)



Dr.Sunil Rai – Vice Chancellor (MIT ADTU) as Chief Guest at Bharat Forge on the occasion of Teachers Day



Mr.Shaffic Ahamed – VP-IT Sandvik Asia Pvt.Ltd and Convenor CII delivering Guest Lecture at MIT SOE



Association with team of Shri.Sagar Pandkar – Director Xpanxion and team Xpanxion UST Global Group



Advisory board members are the Seniors from esteemed professional organisations who extend the strategic, operational and functional directions with their extensive wisdom for academics to catch the pace of rapidly changing industrial technologies.

Industry Institute Interaction



Mr. Elston Pimenta
Head – HR Cybage
Campus Visit of Cybage for
HR Meet (MITCOM)



Shri. Satish Magar
Managing Director
Magarpatta City Group of Companies



Mr. Vikrant Kulkarni
Ex. VP (Barclays)



Viraj Kalyani
Founder and Chairman
Kalyani Studios



Mini Projects Undertaken from
Sigma Electric Co. Ltd



Shri. Vikas Desai
VP-Operations (GE)
Company Visit on 13th May, 2019

Industry Institute Interaction



Mr. Ajay Natu
Head – HR Danfoss
Campus Visit



Prakash Jagtap, Rutuja Jagtap
SAJ Test Plant Pvt. Ltd



Mr. Mukund Dighe
Head – HR
Student Interaction



Ms. Arpita Mukherjee
Plant HR Pune, Adore
Pre-Placement Talk for Students



J Kumar (2020 internship batch of B.Tech Civil)
with Mr. Yusuf Inamdar – Technical Head



Collaboration with Builder's
association of India

Eminent Industrialists



Shri. N M Athawale
VP – Design, L&T Defence



Mr. Rajat Raheja
Division President,
MD, Amdocs



Mr. Shaffic Ahmed
Global Head – BDG
Sandvik Asia, Convenor - CII



Mr. Nilesh Sahasrabudhhe
Vice President
Tieto, Mechatronics Lab

Glimpses of Advisory Body Meeting



MIT SOE Advisory



Dr. Ravindra Utgikar
VP - Corporate Strategy, PRAJ



Mr. Manoj Barve
Head , BVMW



Mr. Atul Mulay
President , PRAJ



Mr. Guruprasad Biswal
Vice President
AerospaceBharat Forge



Mr. Ravindra Dingaonkar
VP-Operations, HOERBIGER



Mr. Shaffiq Ahamed
VP-IT Sandvik
Sandvik Asia



Mr. Nilesh Sahastrabudhe
VP, Head Rpa And
Cognitive Automation Coe., TIETO



MR. Nikhil Joshi
Heads Of Operations -
Special Services, Icertis



Mr. K. Sitaram
Director HR
Tata Motors



Mr. Iftekar Pathan
Former Member Think Tank
World Entrepreneurship Forum (lyon,france)



Mr. Vikas Dhavan
Co-founder
Surya Automation



Mr. Kiran Deshpande
Tie
President



Mr. Anil Dhobale
CEO & Managing Director
Constrologix Engg. &
Research Services Pvt. Ltd.



Mr Hemant Sonawane
I.R.S.M.E., GM (HR & PR),
Mahametro Rail



Mr. Pramod Misra
Ex.-HR Head
Simplex Infrastructures Ltd.



Mr. Ravikishor Mundada
Head-COE
Govt Of Karnataka

Board MEMBERS



Mr. Sumeet Kalkar
Managing Director
Facc Solutions Pvt Ltd



Mr. Ankush Joshi
Vice President Professional Services
Icertis



Mr. Amit Gajwani
Executive Vice President
Cybage



Mr. Mahesh Zurale
Sr. MD,
Accenture



Mr. Jagdish Avchat
Vice President
Persistent



Mr. Munir Sayyed
Asst. VP
Reliance Jio



Mr. Sagar Pandkar
Director
Xpansion Global Group



Mr. Sanjay Jambhale
VP And Strategy Head
ZENSAR



Mr. Rajat Raheja
Division President - MD
Amdocs



Mr. Sharif Memon
Ex-Chairman, Credai



Mr. Satish Magar
National President, Credai



Mr. Sunil Jadhav
MD, Morning Star Realities

MIT-SOE Internship

Students Name	Company Name	Program
Shinde Abhijeet Madhukar	Innotechway	B.Tech-CSE
Sheth Dhruv Suketukumar	Softech data	B.Tech-CSE
Desai Digvijay Sangram	Softech data	B.Tech-CSE
Gaikwad Harshawardhan Avinash	Oracle runners	B.Tech-CSE
Shinde Hrishikesh Dattatray	Softech data	B.Tech-CSE
Mantri Jeet Pankaj	Oracle runners	B.Tech-CSE
Kalyani Ashwin Mohod	AI Adventures	B.Tech-CSE
Bedare Ninad Mohan	Skills Café	B.Tech-CSE
Palekar Pooja Anand	AI Adventures	B.Tech-CSE
Rushikesh Deepak Mate	Prank I Systems	B.Tech-CSE
Ichake Sahil Subhash	Innotechway	B.Tech-CSE
Saurabh Satish Khire	MD4KS Analytics pvt ltdf	B.Tech-CSE
Shivam Yuvraj Ahire	Hackabyte	B.Tech-CSE
Supekar Shree Balasaheb	Skills Café	B.Tech-CSE
Bahirat Aishwarya Rajendra	Oracle Runners	B.Tech-CSE
Shedge Swati Santosh	Innotechway	B.Tech-CSE
Raut Vaishnavi Rahul	L&T Infotech	B.Tech-CSE
Patil Vrushali Satyanand	AI Adventures	B.Tech-CSE
Naidu Siddhant Sudhir	Innotechway	B.Tech-CSE
Memon Zaid Arshad	Oracle runners	B.Tech-CSE
Yewale Akshay Shrikant	D10x,JTP	B.Tech-CSE
Pratik Prashant Pharate	BotBkerry Soln, Mphasis	B.Tech-CSE
Singh Sneha Lalbahadur	Softech data, JTP	B.Tech-CSE
Pathak Akash Rahul	Digitech	B.Tech-Mech
Pawar Akash Suresh	L&T Talegaon	B.Tech-Mech
Anjali Kumari Gupta	L&T Talegaon	B.Tech-Mech
Jagdale Nachiket Sampat	Digitech	B.Tech-Mech
Gandhi Nehal Sachin	Digitech	B.Tech-Mech
Uchale Pratik Sunil	Sigma	B.Tech-Mech
Nikam Rohit Raju	L&T Talegaon	B.Tech-Mech
Patki Rushikesh Chandrashekhar	Sigma	B.Tech-Mech
Desai Ruturaj Vitthal	Digitech	B.Tech-Mech
Karanjkar Sahil Sandip	Digitech	B.Tech-Mech
Deshpande Sameer Shrinivas	Digitech	B.Tech-Mech
Pagar Sameer Subhash	Kirloskar	B.Tech-Mech
Kumbhar Saurabh Dilip	Sigma	B.Tech-Mech
Shratabsh Manu Tripathi	Sigma	B.Tech-Mech
Sonwalkar Raviraj Ankush	C.V. Patil & Associates	B.Tech-Civil
Patil Rishikesh Digvijay	Varad Developers pvt .Ltd	B.Tech-Civil
Sonawane Sagar Bhaskar	Sagar Construction	B.Tech-Civil
Bhagepalle Sakshi Shivashankar	R R Tupe Builders Pvt. Ltd.	B.Tech-Civil
Punekar Sanket Shashikant	Venkatesh Bhoomi Constrution LLP	B.Tech-Civil
Bavkar Shubham Ananta	Venkatesh Bhoomi Constrution LLP	B.Tech-Civil
Honrao Yogesh Nagnath	The Axis Structural Consultant	B.Tech-Civil
Almelkar Nawaz Ahmed Babajan	Shubb Ganesh Properties	B.Tech-Civil
Nikam Malhar Uday	Prime Associate	B.Tech-Civil
Kamble Abhishek Bharat	Ultracon Structural Systems Pvt. Ltd.	B.Tech-Civil

MIT-SOE Internship

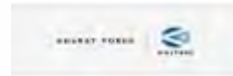
Students Name	Company Name	Program
Kalbhor Sourabh Sudhir	Kirloskar	B. Tech-Mech
Thorat Sumeet Sudhir	Digitech	B. Tech-Mech
Sambare Suraj Devidas	Kirloskar	B. Tech-Mech
Jagtap Vaibhav Sudhakar	L&T Talegaon	B. Tech-Mech
Zeeshan Basheer Bhai	Digitech	B. Tech-Mech
Shettigar Sumant Krishnanand	Digitech	B. Tech-Mech
Aditya Kailas kale	Magtorq, Digitech	B. Tech-Mech
Deshpande Akshay Sanjay	L&T Hazira	B. Tech-Mech
Lakhadive Kiran Bhaskar	Magtorq	B. Tech-Mech
Joshi Nisharg Dharmesh	Aarti-Gujarat	B. Tech-Mech
Shristika Giri	Sigma	B. Tech-Mech
Bhupkar Shubham Dattatray	L&T Hazira	B. Tech-Mech
Gilda Srinath Anand	PARI	B. Tech-Mech
Shinde Ajinkya Yashwantrao	United Group	B. Tech-Civil
Patel Anant Rakeshkumar	Shri Balaji Infra Projects	B. Tech-Civil
Pawar Ashwin Prakash	Shri Balaji Construction	B. Tech-Civil
Dharmadhikari Balraj Shivajirao	Patil Group of Companies	B. Tech-Civil
Savant Rushikesh Dilip	Shree Neelkantheshwar Infra Pvt Ltd	B. Tech-Civil
Laigude Gaurav Kisan	Durocrete Engineering Services Pvt. Ltd	B. Tech-Civil
Aware Kalpesh Sunil	Nitesh Shelter	B. Tech-Civil
Dharmadhikari Manas Surendra	United Group	B. Tech-Civil
Jadhav Nikhil Shivaji	Bhosale Construction	B. Tech-Civil
Kakade Onkar Ashok	Sky One Project	B. Tech-Civil
Jadhav Pradeep Tanaji	Purti Construction	B. Tech-Civil
Satkar Pranav Devendra	Samarthha Ranka Properties	B. Tech-Civil
Alhat Prathamesh Vinod	Shri Balaji Construction	B. Tech-Civil
Bhoite Priyanka Sanjay	Durocrete Engineering Services Pvt. Ltd	B. Tech-Civil
Khare Ajay Anil	Ultracon Structural Systems Pvt. Ltd.	B. Tech-Civil
Kakade Kedaar Ashok	Kokate Fortune Developers	B. Tech-Civil
Nagane Prajwal Laxman	Ultracon Structural Systems Pvt. Ltd.	B. Tech-Civil
Bayas Prashant Sunilising	Waterfront construction pvt.ltd	B. Tech-Civil
R. Priyadarshini	Ultracon Structural Systems Pvt. Ltd.	B. Tech-Civil
Salunke Omkar Kedar	J Kumar	B. Tech-Civil
Sutar Devaram Bhiyaram	J Kumar	B. Tech-Civil
Shah Dhruv Manish	J Kumar Infra	B. Tech-Civil
Bharate Rushikesh Ravindra	J Kumar	B. Tech-Civil
Joshi Sagar Lalit	J Kumar Infra	B. Tech-Civil
Deshpande Vallabh Abhay	J Kumar	B. Tech-Civil
Deshmukh Akash Dnyaneshwar	J Kumar	B. Tech-Civil
Bhalgat Shubham Jitendra	J Kumar	B. Tech-Civil
Dhanegave Dinesh Gangadharrao	Shree Neelkantheshwar Infra Pvt Ltd	B. Tech-Civil
Jagtap Onkar Ashok	Shree Neelkantheshwar Infra Pvt Ltd	B. Tech-Civil
Nalavade Tejashri Sureshkumar	Kolte Patil Developers Ltd	B. Tech-Civil
Dama Utkarsh Dayasagar	Waterfront construction pvt.ltd	B. Tech-Civil

MIT School of Engineering Placements

Max salary 6 LPA and Avg salary 3.6 LPA

Students Name	Company name
Joshi Amogh Ajay	TCS
Ishita Ajay Trivedi	Wednesday,Xento
Gulwani Kapil Shamsunder	Xento,Select
Shah Kunj Pankaj	Selekt, Xento, Geekwork
Chordiya Laukik Prakash	Wednesday
Agarwal Nayan Rakesh	Zensar
Singrole Ketan Pravin	Xento, JTP
Saikia Sanket Kushal	Xento,JTP
Agiwale Shivani Santosh	xento
Patil Vaibhav Subhash	Xento
Manusmare Akhilesh Keshav	Green Water
Sawant Madhavi Satish	Green Water
Shirke Rushikesh Arjun	Recco Infra Pvt.Ltd
Raut Harshwardhan Prasad	Kalyani
Anjirwala Himanshu Vijaykumar	Bharat Forge
Raut Rohan Rajpal	Kalyani , JTP
Sankhye Rushikesh Rakesh	Jaro
Kalbhor Shreyash Sanjay	Eleation
Alange Sushant Siddheshwar	Kalyani
Birajdar Akash Arun	Badve
Pathak Akash Rahul	Badve
Jagdale Nachiket Sampat	Badve
Gandhi Nehal Sachin	Badve
Khaladkar Nikhil Bharat	Badve
Joshi Nisharg Dharmesh	Badve
Uchale Pratik Sunil	Badve
Patki Rushikesh Chandrashekhar	Badve
Shantanu Atul Agte	Badve
Sonawane Shivprasad Bhausaheb	Badve
Bhupkar Shubham Dattatray	Badve
Waghmare Subham Surykant	Badve
Thorat Sumeet Sudhir	Badve
Jagtap Vaibhav Sudhakar	Badve

Our Major Recruiters



Supporting Departments



GENERAL ADMINISTRATION

Administration plays a vital role in effective management of a mammoth educational institute like MIT-SOE, Pune.

Broadly speaking department of Administration forms major sections namely Student Section, Establishment Section, Accounts Section, and Stores.

Office Superintendent looks after overall administrative matters related to students and staff in MIT SOE, resolving procedural matters and correspondence with students, Parents, Staff, and outside statutory bodies.

The department of administration is the backbone of the operating system and is pivotal for the smooth functioning of the entire system.

To maintain the efficiency of administrative staff, a dedicated supportive staff teams are available for any official work at any time.



ACCOUNTS SECTION

Looks after fee collection, day-to-day receipts & payments, proper filling and maintaining record of accounts. This section deals with correspondence & compliance of audit and tax related matters of the respective departments.



STUDENTS SECTION

Looks after admission, eligibility, scholarship, examination, travel concession and other matters pertaining to students of UG and PG engineering courses along with section correspondence with University.



HOSTEL

MIT-ADT University campus provides accommodation for over 5000 enrolled students. Out of 11 fully furnished hostels, 6 hostels are occupied by girls & 5 hostels are occupied by boys. Hostels are surrounded with lush green ambiance & supported with at par indoor & outdoor sports facilities. Special facilities like olympic standard swimming pool & well-equipped gymnasium is provided to the students of all the 13 colleges.

All the hostel buildings are provided with best security, water, electricity & internet facility. Fully hygienic & well maintained mess services are there to cater the basic need of break-fast, lunch, evening snacks & dinner in campus. In addition an outlet for mini snacks has also been provided for the students during day hours.

The hostels are monitored by qualified team of residential rectors, wardens & attendants. 24 Hrs. medical facility is accessible to the campus students including emergency health services at MIT society's Vishwaraj Multispeciality Hospital attached to the campus.



Library

To provide the most effective reference, proactive, current awareness and information provision services possible. The department offers best-in-class material that cater to current and future users needs and to also strives to maintain and upgrade SOE Library collections as a national & international research resource for the students and teaching staff.

- Library supports the teaching-learning programme of the institute.
- Library has an excellent collection of textbooks, reference books, general books, journals, magazines, encyclopedia, handbooks, data sheets, bound volumes, CD's/DVD's, Video Lecture, online resources and other reading material.
- All books are classified according to Dewey Decimal Classification Scheme. It has an excellent infrastructure to meet its requirements.
- Library uses TCS Enterprise Resource Planning software for managing all its operations. Readers can access the Library database using ERP systems.
- Library follows open access system that allows users a direct access to the library collection.
- Library provide appropriate information required by students and teaching staff.
- Library support staff to enhance world-class teaching and learning resources.



Release of first MIT-ADT University Magazine: Guest Present (left to right) Mr. Richard R. Nelson, Prof. Dr. Mangesh Karad, Dr. Denece Huftalin, Prof. Dr. Vishwanath D. Karad, Mrs. Usha Karad, Dr. Stephen Morgan & Dr. Sunil Rai.



Felicitation: Dr. Raghunath Mashelkar by Hon'ble Prof. Dr. Vishwanath D. Karad & Prof. Dr. Mangesh Karad



Invited Guests from Salt Lake Community College, Utah, USA.

MIT SCHOOL OF ENGINEERING OPENING CEREMONY



D.S.E. B.Tech Induction Programme



Motive: To welcome the first batch of Direct Second Year Students (Lateral Entry) in Mechanical Engineering, Civil Engineering, Comp. Science & Engineering at MIT ADT University Campus. The keynote address by Mr. Ramdas Mane was very well appreciated & received standing ovation by the students & parents.

Study Tour to CSIR-National Chemical Laboratory Mega Exhibition



Motive: To expose the students about what the Govt. of India have been doing in Science & Technology to improve the lives of people by technology interventions, skill development, and employment generation through various collaborations with industry, academia and research.

Industry-Institute Interaction Meet with Indian Machine Tool Manufacturers Association



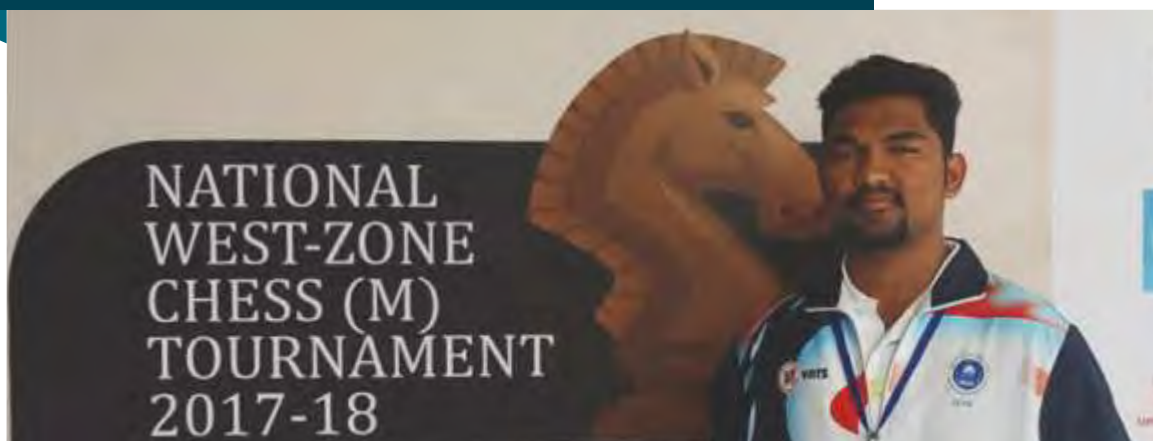
Motive: To foster ever-improving relations with the industries. The main object of the meet to tailor future programs according to Industrial requirements which will certainly help students to get acquainted with latest advancements in Industries.

Signing of MoU with Devise Electronics Pvt. Ltd.



Motive: To leverage with DEVISE Electronics to provide Finishing School Programme in Electric & Hybrid Vehicles for students of MIT SOE and students across India targeting Automotive Electronics, Engine Emissions, Battery Technology & Management, etc.

University represented by Mr. Tanmay Nile for Chess Championship



Mr. Tanmay Nile, student of D.S.E. Mechanical represented MIT-ADT University for Chess Championship at West zone Inter University Chess (Men) Championship, Bhopal, Madhya Pradesh. He has also represented MIT-SOE at several competitions conducted during year 2017. Dept. of Mechanical Engineering congratulates him for his accomplishment & wishes him best luck for future endeavors.



Motive: To expose students to World-Class production Facility at Mercedes Benz Plant and the students got the chance to witness the Centre of Excellence which exhibits a range of cars (e.g. GLA) from the Mercedes-Benz dream factory - models that touch the hearts of car aficionados. The Plant Visit have surely intensified fascination for the brand and created desire for these vehicles among students.

Engineers Day Celebration



Motive: To pay tribute to the greatest Indian Engineer Honourable Bharat Ratna Mokshagundam Visvesvaraya sir; Engineers day celebration took place. Due to his outstanding contribution to the society, Government of India conferred 'Bharat Ratna' on this legend in the year 1955

Signing the MOU For MIT SOE



Faculty Development Programme on Entrepreneurship



Sponsored by NSTEDB, Dept. of Science & Technology Govt. of India.

Motive: Faculty Development Programme on Entrepreneurship is planned with intent to develop business facilitator at Educational Institutes; with objectives such as: a) To develop entrepreneurial drive among students (raising awareness and motivation) through faculty; b) To train students in the skills they need to set up a business and manage its growth; c) To develop the entrepreneurial ability to identify and exploit opportunities. This FDP is sponsored by NSTEDB, Dept. of Science & Technology Govt. of India.

National Internship on Hybrid & Electric Vehicle



Motive: The Internship Programme on HYBRID & ELECTRIC VEHICLE is organized in association with Devise Electronics Pvt. Ltd., Pune focused on giving an extensive training to the participants about the Design & Development of Hybrid and Electric Vehicle Systems. One can practically explore innovation involved in this field right from the beginning stages to the present age. The uniqueness of the programme is that one can learn directly from automobile industry experts from reputed OEMS and research organizations; also get insights of their vision. Their realizations and experience with the present technology gives everyone the right platform to get inspired and innovate effective methodologies for a technology which would prevail tomorrow and even day after.

JAGRUTI - IMTMA Youth Programme



Motive: In order to orient our engineering students with the machine tool industry and to familiarise them with the technological happenings in the machine tool industry segment, a very special initiative called "JAGRUTI - IMTMA Youth Programme" organized by IMTMA.

The concept behind this unique Programme was to have a guided tour not only of the entire IMTEX FORMING and Tooltech fair, but also enable the engineering students to witness an actual manufacturing shop-floor set-up through a plant visit to a prominent machine tool company

Board of Studies Meeting



Motive: The Meeting was envisioned to foster ever-improving relations with the industries. The main object of the meeting was to have a regularly appropriate kind of feedback from the domain experts from different disciplines of Mechanical Engineering for improving and updating the academic standards of the programs offered at MIT School of Engineering, setting up an efficient and very transparent administrative system, having a very credible examination pattern thereby enhancing, improving and updating the quality of education which we are providing through different industry relevant specializations for Mechanical Engineering.

About Society Of Automotive Engineers (SAEINDIA) Collegiate Club, Mechanical Engineering Department, MIT SOE

MIT ADT University's MIT School of Engineering has encouraged prominence on the cultivation of resilient links with industry and promotion of various industrial activities by the faculty members and students. With the same motto and passion we have formed Society of Automotive Engineers (SAE) Collegiate Club Under the banner of SAEINDIA with 150 students registered members with 10 Student Office Bearers and 20 faculties for initiation of various club activities for student's overall development.

We have inaugurated the club on 1st February 2019 , by the hands of Chief Guest Dr. Shrihari Mandaogane ,General Manager Tata Motors, Guest of Honour Mr. Sanjay Nibandhe, Chairman SAEINDIA, Mr. Ramesh Pasereja Deputy Director SAEINDIA, Mr. Wagh, Secretary SAEINDIA, Hon. Prof. Dr. Mangesh Karad, Executive President ,Prof. Dr.Sunil Rai, Vice Chancellor, Prof. Dr. Rajneeshkaur Bedi ,Dean ,MITSOE ,Prof. Dr. Kishore Ravande Principal MITSOE, Prof. Dr. Sudarshan Sanap HOD Mechanical Engg .

Faculty Advisors who initiated the club are Prof. Archana Nema and Prof. Sateesh Patil.

The objective of this collegiate club is to focus on the students to utilize their creativity, skill, knowledge, intelligence to get into problem solving strategy in order to meet global thrust and enhancing intellectual skills, industriousness, adaptability, inspired leadership qualities, positive thought, presence of mind, extraversion, self-confidence etc.



MIT ADT University's MIT School of Engineering has encouraged prominence on the cultivation of resilient links with industry and promotion of various industrial activities by the faculty members and students. With the same motto and passion we're organizing National Level 15 days Summer Internship on "Electric and Gasoline ATV/Formula Student Race Car Design and Development" from 8th June 19 to 22nd June 19 under the banner of MITSOE- SAE Collegiate Club for the student's in their pursuit towards achieving their goal in life thereby also making them industry ready and proficient in their skills.

Smart Campus Cloud Network (SCCN)

MIT ADT University announced its mission to be carbon neutral and launched Smart Campus Cloud Network (SCCN). This project is supported by UNESCO-Paris and Human Resource development Ministry of India. Eric Falt Regional Director, UNESCO New Delhi, Lt. Col Kailash Bansal, Director Skill Development Cell. All India Council for Technical Education, HRD ministry and others were present during the event.



MIT-ADT University possible Contribution to Industry

Where can MIT ADT University contribute to corporates?

Higher Studies for employees (PhD, M. Tech, B.Voc, Diploma) Faculty of research and development, Programmes along with certifications of Degree and Diploma while working

Research Work, Joint Project, PhDs for Employees
at MIT School Engineering

Corporate Training for Employees (Short term executive, managerial, leadership programmes) at School of innovation and Corporate training

Corporate Project, Assignment which can be outsource for project time saving at MIT School Engineering (small segments of Project), MIT Film and television technology (photography, Videos, Presentation, Brochure work)

Innovation, Entrepreneurship with Atal Incubation Centre at MIT ADT University, Approved by NITI Aayog, Govt of India

National and International conferences, Seminar at MIT ADT University, Pune

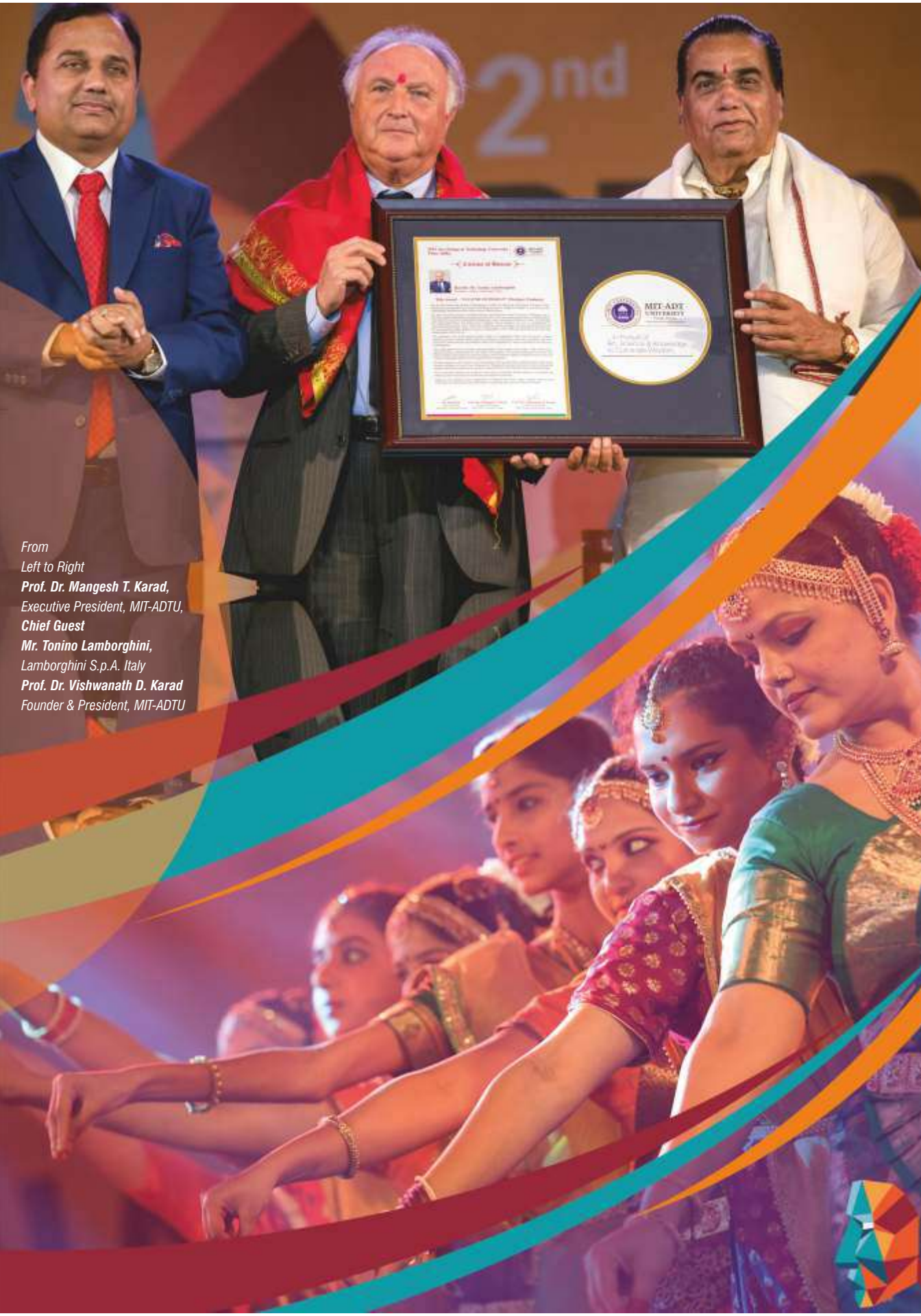
Use of Libraries, Labs, Facilities (for exercise like team building)

MIT-ADTU can be the best possible Academic Partner and has proven reputation for reliable relationship.

Persona Fest

Persona Fest the humongous participation from more than 125 institutes & 29+ universities across the country and 20,000 + student participants from wider ranging. This techno-cultural fest of the MIT-ADT University is the most awaited event that bring students of several Colleges & Universities together under one roof. The Techno-Cultural fest titled “Persona” gives an opportunity to the students to showcase their inner potential. The primary motive of the Persona Fest is to highlight and elaborate social assembly for a wide reflection of social harmony, richness of culture and diversity of traditions. Fest aspires to inflame the spirit of creativity and innovation among the students. Persona Fest also aims to showcase, promote and document the traditions and cultural heritage, wealth and resources of India through exhibits, competitions involving talents of young generations. The event creates new bonds of friendship, reinforces the old ones, learn some, teach some and all in all have a flare. The vibrant events are to be held on a grand scale for celebrating the spirit of participation from your esteemed institutions and will complement our efforts to make this festival a grand success.





2nd



From
Left to Right
Prof. Dr. Mangesh T. Karad,
Executive President, MIT-ADTU,
Chief Guest
Mr. Tonino Lamborghini,
Lamborghini S.p.A. Italy
Prof. Dr. Vishwanath D. Karad
Founder & President, MIT-ADTU



Vishwanath Sports Meet

“Nation Building Through Sports”

Vishwanath Sports meet is the annual sports event of MIT ADT University; it is a gala event in which more than 4000 students from all over Maharashtra participate in various games to prove their metal as an athlete. The idea of Vishwanath Sports Meet emerged from a commitment to build the nation through sports which soon transformed into the motto of our sports meet. At MIT ADT University we believe that extracurricular activities are of paramount importance for comprehensive development of a student. By taking part in various extracurricular activities the student will be able to experience overall personality development.

Vishwanath Sports Meet is an event where young and talented athletes come together to fight fair and showcase their athletic skills. Till date this event has been graced with the presence of esteemed athletes like VVS Laxman, Vijender Singh, Sushil Kumar, Yogeshwar Dutt, M.C. Mary Kom, Bhaichung Bhutia, PR Sreejesh, Irfan Pathan, Dilip Vengsarkar, Chandu Borde, Kiran More, Cheteshwar Pujara, Mithali Raj, Abhijit Kunte, Mir Ranjan Negi and Kedar Jadhav.

The Vishwanath Sports Meet 2019 will mark a new beginning in the world of sports as it will provide the best platform for any sports person to perform in different events and unleash his/her talent for the betterment of the future of sports in India.

This event will feature a number of sports like Cricket, Kabaddi, Basketball, Badminton, Volleyball, Table Tennis, Water Polo, Chess, Swimming, Rowing, Boxing and many others. There are exciting cash prizes for the participants who win. All in all this event wishes to bring various young athletes to compete in a healthy manner.





VISHWANATH SPORTS MEET

Distribution Ceremony

25 January 2019

SPORTS MEET

Distribution Ceremony

January, 2019 at 4 pm

EN & TECH
UNIVERSITY, PUNE

WITH SPORTS MEET

Distribution Ceremony

25th January, 2019 at 4 pm

Presiding
D. Kar





'Vishwanath Sports meet' is rated amongst the most prestigious sporting event happening under the aegis of MIT-ADT University and known for discovering the promising sportspersons from the Colleges and Universities in Maharashtra. This Annual Sport Gala Event is named after the Father Founder Dr. Vishwanth Karad Visionary leader, Philosopher, creator of the world's largest dome on the MIT ADT University campus.

More than 3500 students from the 105+ Institutions/Universities have participated in this mega sporting event, during 2019, wherein they competed with each other in the 13 games identified.

MIT-ADT University is being acknowledged for producing some outstanding talents in the Field of sports who have won several accolades and earned laurels through their active participation in the 'Vishwanath Sports Meet'.



Inauguration Ceremony of

SHIV JAYANTI

Tuesday, 19th February, 2019





LIFE AT CAMPUS

The campus was previously owned by Hindi cinema Legendary **Late Shri Raj Kapoor's**. It was his dream that, land should be used for the noble cause of education. This picturesque location is known for spreading peace and tranquillity and spanning over the area of 125 acres. The **Vishwaraj- baugh** Campus is a lush green campus which offers conducive atmosphere for the students and the Faculties alike to gain excellence in their craft.

MIT-ADT University is famous for having state of the art infrastructure with various facilities and has been awarded for the same by various organisations.

Central Library:

The University's Central Library is amongst the biggest libraries in Asia and having the vast collection of books for the students and faculties who are aiming to enhance their knowledge in the subject matter and desire to make the career in the Field of academics and research. The Library has also planned to keep the book collections, encapsulating the profound wisdom as shared by the Religious Gurus, Nobel Laurates & Great Scientists along with the compilation of their work and poems in the musical form.



Hostels:

Dedicated separate Hostel accommodation is provided all aspirants on the basis of Merit and the First come first serve basis. Preference is given to meritorious students. Separate accommodation to Girls & Boys Students is given on the basis of the seats allocated college wise.

Mess Facility:

The students and Faculties from the MIT-ADT University have been provided with the Mess Facility of high standard wherein they can have the benefit of getting the balanced diet. Some of the well-experienced cooks with the impeccable credentials have been hired for our messes who bring with them the expertise to cook delicious food of the different varieties. We ensure that our students should get the clean and hygienic vegetarian food.



Transportation Facility:

MIT ADT University has developed an efficient transportation system for the hassle free and convenient pick and drop of our students from various city locations to the MIT ADT university campus on Regular basis. More than 30 + Buses on the 20 most prominent routs are doing the pickup and drop facility. Students can avail the separate facility on the yearly basis.

Campus Transformation

More than 13+ Active Clubs in the University are playing the pivotal role in the holistic development of our student's personality and also making significant contribution through building the corporate relations, industry participation, research collaboration, product development and entrepreneurship



Boat Club

The campus has formed a National Boat club which provides Kayaks and row boats to the students for learning the technique of boating. It is also essential for the MANET students to get themselves trained in the boating which eventually benefit them on becoming part of the Marine Engineering profession.

A National level Boating Event 'Regatta' is being organized every year by the MIT-ADT University.



Raj Kapoor Memorial

Monuments from the Indian cinema and Raj Kapoor's Films have been installed in the Raj Kapoor Memorial for the movie enthusiasts.

Various student forums as well as Clubs and Committees have been established in the MIT-ADT University, for harnessing the latent potential and building the leadership qualities amongst the students, in the wide ranging field of Art, Culture, Music, Drama, painting, photography, Sports, Debates & Discussions etc.

Health Care Facilities

MIT Art, Design and Technology University has Multispecialty **Vishwaraj Hospital** with more than 300 beds on the same campus. Major focus of the hospital is to provide the quality healthcare services in the city of Pune and its suburban areas. Well Equipped with the leading medical technology, comfortable stay options, wide-spread network of ambulances and innumerable options to create the best healthcare experience and outcomes both within its premises and extending to a patient's home, **Vishwaraj Hospital** is focused on building the leadership and transforming the healthcare services in our country. Round the clock, 24x7, separate First Aid centres are available in all girls as well as the boy's hostel.



Cultural Life

College life is not only the academic growth of the student but also a platform for overall personality development. We at MIT - ADT, University aspire to produce students who are not only academically excellent but also cohesively competent. With different clubs at our campus we work towards making their personalities Unique, proficient, and splendid.

Sports & Recreation

MIT-ADT University has built a World Class Sports Infrastructure which is benefitting our students in building desired level of competency and gaining finesse in their favourite sports. It will enable them to qualify for the National & International Level Sporting Events as well as winning laurels for their Institutions and the Country.

Our Sports Infrastructure is well equipped to train the students and harness their latent potential in the wide ranging sports.

Our sports activities are being conducted under the able guidance of the highly qualified instructors as well as National and International Level sportspersons with the proven credentials.

Our State of the art gymnasium is well equipped with the Latest equipment along with the steam bath facility.



History of Pune

A small village inhabited by Kolis and musicians during the 6th and the 7th centuries, Punnyapattanam (The city of auspicious deeds) has metamorphosed into the today's metropolitan city of Pune. Like its geographical location at the banks of nearly 5 rivers, the city has been influenced by many cultures. Nestled in the picturesque Sahyadris (the Western ghats), just 160 km southeast of Mumbai, Pune is a superb blend of history and modernism. The base of the great Maratha emperor, Chhatrapati Shivaji Maharaj and the Peshwas, the city has been a cultural capital of Maharashtra for many centuries. Pune is also an educational hub, widely known as the Oxford of the East. It has many educational and research institutes. It is also famous in the fields of sports, yoga, ayurveda, culture and social services. Pune is one of the advanced industrial belts of the country. It is also the fastest emerging city and has earned the tag of second Silicon Valley of India. This is due to the support and patronage of IT giants like Tech Mahindra, Cognizant and Infosys, etc. to name a few.

Religion

Pune is a cosmopolitan city with people from all the religions living harmoniously. A number of temples, gurudwaras, churches and mosques are located across the city.



ABOUT PUNE CITY



Dining and Accommodation

Pune has the best facilities in dining & accommodation. Right from the five-star hotels to the world-class restaurants. The city is also the home of some of the biggest international names, which include McDonalds, Pizza Hut, Domino's Pizza and many more

Shopping Malls

Shopping malls are sprouting all over the city. Locations like Deccan, Laxmi Road, Camp, etc. are quite popular places in Pune.

Events (Pune Festival)

As Ganesh Chaturthi is celebrated all over India, this festival is the most extravagant festival in Pune. The last day of the Ganesh festival is very popular. The three decade old 'Pune Festival', classical dance, music concerts, folk dance, wrestling and international marathon are the major highlights of Pune Festival.

Life in Pune

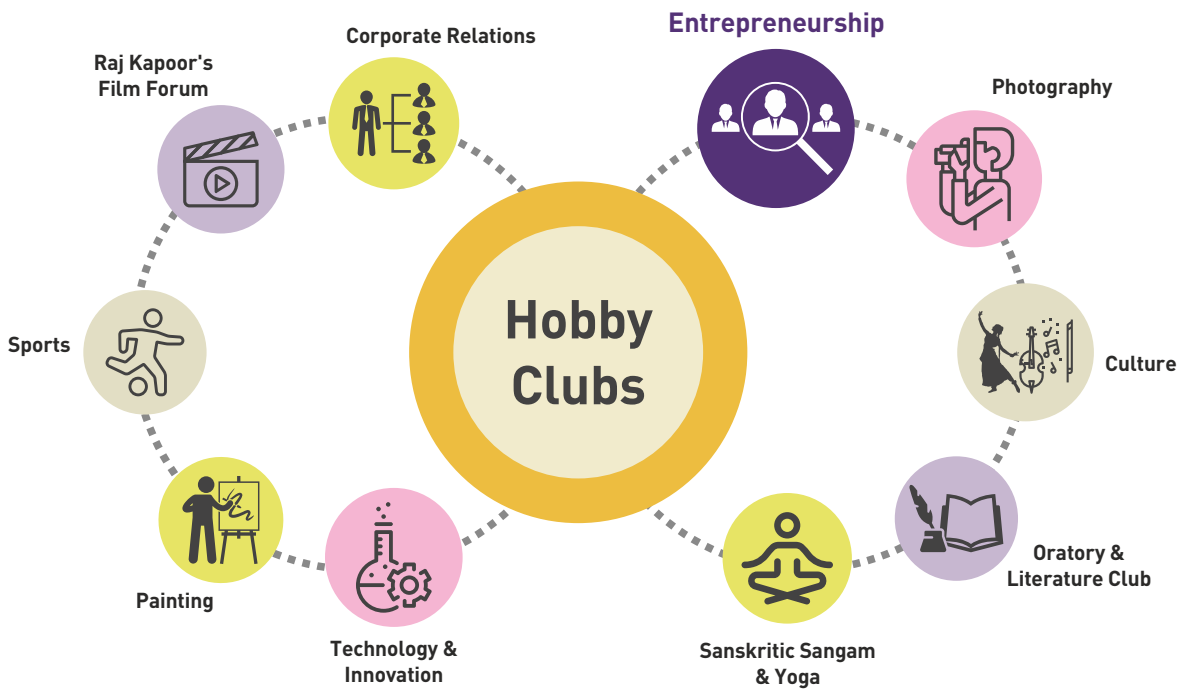
Pune is the headquarter of Military Southern Command. A low crime rate and an overall pleasant climate make Pune the ideal place to live. Though the local language is Marathi, Pune has an excellent cosmopolitan population. It is also the home to the largest number of outstation students in India.

Entertainment and Culture

Pune, being the cultural capital of Maharashtra, there is no limit to the cultural happenings in the city. It also has many multiplexes, theaters, museums, etc. There are many cultural activities for college students. 'Verve' and 'Purushottam Karandak' are quite popular among the students.

Transport - City Buses

Pune Municipal Corporation Transport buses are available in every part of the city. The frequency of the buses is good



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