

Brochure for the Academic Year 2019-20

Where Stones
turn into
Diamonds



MITE



Invent Solutions

Mangalore Institute of Technology & Engineering (MITE)

(An ISO 9001:2015 Certified Institution)

(A unit of Rajalaxmi Education Trust® Mangalore)

Affiliated to the Visvesvaraya Technological University (VTU), Belgaum, Karnataka
Recognised by All India Council for Technical Education (AICTE), New Delhi



PREFACE

In this millennium, the world is characterized by technology and constant change. To survive and perform successfully in the modern day competitive environment, one has to constantly adapt to innovation and be prepared to update knowledge and skills through continuous learning.

At MITE, we produce professionals who have the optimum mix of attitudes, skills, culture and knowledge. This aids them adapt to the emerging trends with confidence and pursue their chosen professions with comfort.

It is our endeavor to ensure that the needs and expectations of every student are fulfilled, enhancing the ability to acquire and apply knowledge. Our highly professional and dedicated faculty drawn from academia and industry possess impressive credentials. Their missionary zeal in teaching shapes careers at MITE. So, come and join our growing community of self-confident young scholars.

MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING (MITE)

MITE was established in the year 2007 by Rajalakshmi Education Trust to fulfill the growing needs of the industry and aspirations of young students of Mangalore District and other parts of the country, which requires outstanding professionals who can be assets to any organization. In a world of opportunities for success, education plays a paramount role in molding, shaping and preparing youngsters to face the challenges of the future. At MITE, we believe that education is the manifestation of perfection in a human being and we instill the most needed human values and ethics in our students.

Located amidst lush green and a serene ambience in Moodbidri, the campus spreads over an area of 74 acres in the sylvan surroundings near Mijar enroute to Karkala. Integrating modern design, construction technology and eco-friendly techniques, the campus provides the right setting to the students for effective learning.

We offer the following courses:

ENGINEERING (B.E)

- Computer Science and Engineering (NBA Accredited)
- Mechanical Engineering (NBA Accredited)
- Aeronautical Engineering (NBA Accredited)
- Civil Engineering (NBA Accredited)
- Information Science and Engineering
- Electronics and Communication Engineering
- Mechatronics Engineering

Eligibility

Should have secured a minimum of 45% of marks on aggregate of Physics and Mathematics as compulsory subjects along with Chemistry/ Electronics/ Computer Science/ Biology/ Biotechnology of second year Pre-University Examination of Govt. of Karnataka or Equivalent. Candidates belonging to Scheduled caste (SC) and Schedule tribes (ST) or any other groups, classified by the Govt. of Karnataka for such purpose shall be eligible for admission, if they have passed the qualifying examinations with not less than 40% of marks on aggregate. Candidates with qualifications from outside Karnataka have to obtain eligibility certificates from VTU, Belgaum, either directly or through the Engineering College. The Candidates holding three-years Diploma in appropriate branch of engineering conducted by the Board of Technical Education, Govt. of Karnataka, or any other equivalent qualification recognized by VTU with at least 50% of the total maximum marks in the final examination of the Diploma course are also eligible for admission to the second year of B.E. courses in the corresponding branch.

ENGINEERING (M.Tech)

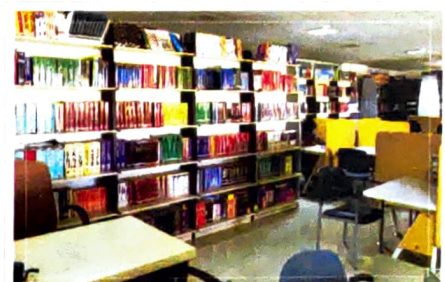
- Computer Science and Engineering
- Mechatronics Engineering

MANAGEMENT (MBA)

- Marketing
- Finance
- Human Resources Management

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Our **CHAIRMAN**

Mr. Rajesh Chouta B.E. (ECE)
President, Rajalaxmi Education Trust

Mr. Rajesh Chouta is a man with a vision. He is a man who has chased success and achieved it. As a bright and enthusiastic Electronics and Communication Engineering Graduate, he joined the highly reputed company ABB, Bangalore and started his professional career. Later, after two years, he quit ABB and started his own venture, Digital Systems in Mangalore in 1995. This was followed with IIHT, the Computer hardware and Network training centre in 1997. IIHT branches at Udupi, Bhatkal and Kasargod trained over 15,000 students who successfully passed out from IIHT and stands for its success saga.

The ever-growing need for professional Engineering education to meet the escalating demands made Mr. Chouta think about establishing quality Educational Institutions. This resulted in the foundation of Rajalaxmi Education Trust. Under its wings functions Mangalore Institute of Technology and Engineering at Mijar. After it got approval from AICTE, New Delhi and VTU, Belgaum, classes commenced in the academic year 2007-08 at the college. The sprawling campus, excellent infrastructure and highly competent staff make MITE a one-of-its-kind educational institution in Karnataka. As a man of constant striving, Mr. Chouta is not willing to rest on his laurels. His eyes have been set on the horizon to achieve more and to mould a better tomorrow for his fellow humans.



From our **PRINCIPAL'S DESK**

Dr. G. L. Easwara Prasad
Principal, MITE

MITE is located on a beautiful campus, surrounded with abundant greenery and serenity. The institution ensures education in a pollution-free, noise-free and peaceful environment. The institute is equipped with modern tools in all the classes, labs and library, providing state-of-the-art facilities and complete care is taken to fulfill the needs of each student.

We at MITE strongly feel that the future of India is shaped in class rooms and I am sure you will appreciate the role of the teacher as the pivotal point in shaping the future of our country in general and student community in particular. Since, an institution is judged by the quality of the citizens it produces, we are of the opinion that the education we offer develops competent, talented personalities equipped with knowledge, skills and confidence and at the same time have been endowed with patriotic spirit and a strong will to serve the society and the nation. The Management, faculty and staff of MITE are fully aware of our responsibilities in Life-building and character making of the student community.

Our mission is not just providing a solid educational foundation but to build careers, to make eminent personalities in the society and to make the industry doors open. MITE always believes in making a difference in the field of education to take our institute to the peak of success.

VISION

"To attain Perfection in Providing Globally Competitive Quality Education to all our Students and also benefit the global community by using our strength in Research and Development"

MISSION

"To establish world class educational institutions in their respective domains, which shall be centers of excellence in their Stated and Implied sense. To achieve this objective we dedicate ourselves to meet the Challenges of becoming Visionary and Realistic, Sensitive and Demanding, Innovative and Practical and Theoretical and Pragmatic; all at the same time"



Graduate Programs Offered

B.E. IN COMPUTER SCIENCE & ENGINEERING

Duration: 4 years



Computer Science Engineering (CSE) is one of the popular courses among engineering aspirants which focuses on the basic elements of Computer Programming, Analysis of algorithms, Computer Networking and Design of System software. Students pursuing Computer Science courses Design and develop software application for different Industries, manages the software, hardware & networks in any industry. A Computer Science and Engineering graduate have opportunities as Software Developers, Hardware Engineers, System Designer, Networking Engineers, DBA and many more.

The Department of Computer Science and Engineering was established in the year 2007. The NBA accredited department has the best facilities and infrastructure that aids in the overall development of the student. The department has well equipped computing Laboratories, with more than 800 computer systems in the campus, loaded with all requisite software packages and with high bandwidth of Internet Connectivity. The computer labs are also equipped with latest software and software tools to carry out experiments and research. Faculty members provide comprehensive learning emphasizing on the latest technology. The department attracts high quality students from all over India and has an inspiring placement record. Some of graduates choose to join the best institutions of higher learning around the world.

Labs and Practicals

Programming Lab

Students learn Problem solving skills through various Programming Languages like C, C++, Java, Python

Analog and Digital Electronics Lab/Microprocessors Lab

The elemental principles and components of electronic circuits are introduced to the students in detail. It also provides the foundation for Digital Electronics and Digital System Design and study of basic digital gates, shift registers, counters, logic families.

Data Structure & Algorithms Lab

Implementation of various data structures and various algorithms using different design strategies.

Database Applications Lab

Design of the databases and implementation of the database projects.

Computer Graphics and Lab

Different methods of line drawing, filling algorithms are implemented and also transformations of the objects are implemented in OPEN GL.

Machine Learning Lab

Various methods of machine learning and deep learning methods are implemented in Python.

System Software & Operating Systems Lab

Lexical analyzer generator tools like LEX and parser generator tool like YACC are learned and also different operating system functions are implemented in this lab.

Web Programming Laboratory

Designing of web pages designing using PHP, JAVA script, HTML and CSS.

Network Lab

Simulation of various Net work features using NS2.



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Graduate Programs Offered

B.E. IN INFORMATION SCIENCE & ENGINEERING

Duration: 4 years

Advances in Computing Science is the most important phenomena of our age, paving way for the development of Information Science as a new foundation for human knowledge. Information Science and Engineering is an Under Graduate course which focuses on Computer Programming, Analysis of Algorithms, Computer Networking, Design of Software Systems. The Course attracts people with interest in developing the skills like Analytical, Mathematical, Managerial, Communication, Creative Problem solving and the Technical competency. Core Areas of study includes: Hardware, Operating systems, system software, Networking, programming languages, Data Structures, Design and analysis of algorithms, Database Management System (DBMS), Software Testing. Due to the impact of Big Data, Internet of Things (IoT), Artificial Intelligence (AI) and machine learning (ML) technologies there is huge demand on Information Science Engineering graduates, majorly in the role of System Designer, Software Developer, Networking Engineers, DBA, **Data Analyst, Data Scientist, Cyber Security and Block Chain Expert. Information systems security engineers.**

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Labs and Practicals

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Database Applications Lab

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Machine Learning Lab

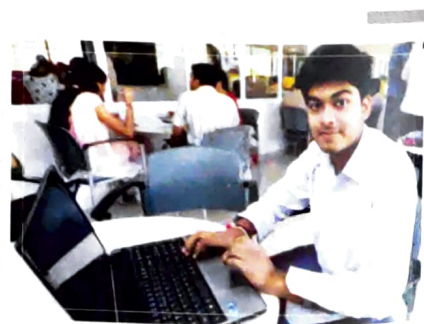
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Web Programming Laboratory

Designing of web pages designing using PHP, JAVA script, HTML and CSS.

Network Lab

Simulation of various Network features using NS2 1



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Graduate Programs Offered

B.E. IN ELECTRONICS & COMMUNICATION ENGINEERING

Duration: 4 years

Electronics & Communication Engineering deals with the electronic devices, circuits, communication equipments like transmitter, receiver, integrated circuits (IC). It also deals with basic electronics, analog and digital transmission & reception of data, voice and video (Example AM, FM, DTH), microprocessors, satellite communication, microwave engineering, antenna and wave propagation. It aims to deepen the knowledge and skills of the students on the basic concepts and theories that will equip them in their professional work involving analysis, systems implementation, operation, production, and maintenance of the various applications in the field of Electronics and Communications Engineering.

Electronics and Communication Engineering opens up great career prospects for the students. The students after completion of the degree can easily avail job opportunities in manufacturing industries and service organizations such as broadcasting, consulting, data communication, entertainment, research and development; and system support. The candidates can also work in modern multimedia service firms that are involved in real-time transfer of information through video conferencing and internet broadcasting.

The Department of Electronics and Communication Engineering was setup during the inception of the college in 2007 and has presently an intake of 120.

Labs and Practicals

Analog & Digital Electronics Labs

These laboratories will enable the students to get the practical exposure on Analog and Digital Electronic circuits and their applications.

Microprocessor and Embedded Controller Labs

Develop and test the assembly language programs using the instructions of 8086, interfacing of various peripheral devices with 8086 microprocessor for simple applications, program ARM Cortex M3 using the various instructions in assembly level language for different applications.

Linear Integrated Circuits & Communication Labs

Design, demonstrate and analyze the various Analog and Digital Communication techniques and their applications.

DSP Lab

Simulate and implement the DSP computations on DSP hardware and verify the result.

HDL & VLSI Lab

Familiarization of CAD tool to write HDL programs, interface hardware to programmable ICs through I/O ports, design and simulate the various basic CMOS analog circuits and use them in higher circuits like data converters, adders and shift registers using design abstraction concepts.

Computer Network Lab

Simulate the networking concepts and protocols using C/C++ programming and model the networks for different configurations and analyze the results.



Graduate Programs Offered

B.E. IN AERONAUTICAL ENGINEERING

Duration: 4 years



MITE is one of the few colleges in Karnataka which can boast of Aeronautical Engineering branch and certainly is one of the best in Karnataka. If you have a love for aircrafts and the designs behind them, explore this course. It includes study in the areas of Aerodynamics, Structures, Propulsion, Aircraft Performance, Stability and Control, Avionics, Flight Vehicle Design, Aircraft Systems & Flight testing. The students get hands on experience through lab experiments in addition to the other engineering disciplines. Students are expected to update their learning by visits, conferences and guest lectures from experts drawn from HAL, ISRO, IISc, IIT, and NAL etc. Efforts are on to purchase an aircraft (single engine propeller) for practical and maintenance demonstration.

Labs and Practicals

Material Testing Lab

Experiments involving conduction of different mechanical properties of the material.

Foundry and Forging lab

Experiments involving different types of patterns and moulds. Further testing of these moulds is also carried out.

Metrology, Measurement and Instrumentation Lab

Experiments involving the use of different measuring instruments.

Aerodynamic Lab

The students get an understanding of nature of flow past various models through flow visualization techniques. The nature of pressure distribution over various aerofoil and body shapes is explained. The wake and boundary layer survey provide information on the momentum thickness and displacement thickness.

Structures Lab

It provides the student with the practical knowledge of the various theorems, like reciprocal theorem, buckling phenomenon of columns, WEGNER beam stresses information. The vibration of beam equipment provides information on types of nodes and vibration patterns.

Simulation Lab

Several time motion studies are made increasing students' capability in simulation techniques.

Propulsion Lab

Experiments related to aircraft engines, force measurements through wall jets and measurement of speed of flame propagation is checked.

Modeling and Analysis Lab

The CFD analysis and stress analysis techniques are developed through computer software.

Fluid Power Automation Lab

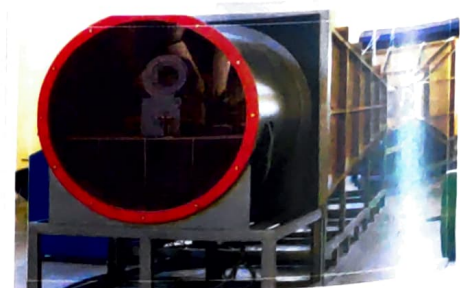
Proportional hydraulics experiments to traverse single acting cylinder with command values, sequential control. Pneumatic control of double acting piston. Time dependent control of double acting cylinder etc.

Control System Lab

Study of DC position control, PID controllers, temperature controllers, DC motor speed control, Compensation control etc. Advanced embedded system lab.

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Graduate Programs Offered

B.E. IN CIVIL ENGINEERING

Duration: 4 years



Civil Engineering is a prominent and oldest branch of engineering which deals with buildings, bridges, roads, flyovers, railways, water supply, sanitary, development of townships and other infrastructural development. Due to liberalization policy of the government, many infrastructure projects like golden quadrilateral, National highway constructions and transport sector development are the need of the hour. Many multinationals are engaged in the infrastructure developmental activities. The job opportunities are in civil engineering fields and software companies. Analytical and logical abilities and liking for the profession are the essential requirements. Subjects on concrete technology, transport engineering, water supply and sanitary engineering, geotechnical engineering, fluid mechanics and machinery, structural mechanics, hydrology and water resources, irrigation engineering are studied in this course.

Labs and Practicals

Basic Material Testing Lab

Experiments to test engineering materials including torsion test, shear test, compression and tensile tests. Material hardness tests including Rockwell, Vickers and brinell test. Experimental study of properties of aggregates.

Surveying Practice 1

The experimental study of distance, gradient and contour of land, using techniques like chain surveying, plane table surveying and collimators.

Surveying Practice 2

Measurement of angles elevation, offsets, using theodolite surveying technique, tachometric surveying etc.

Applied Engineering Geology Lab

Identification of minerals and rocks depending on the hardness tests. Study of geological maps and determine the topographical terrain.

Computer Aided Design Lab

Introduction and drafting using AUTOCAD, structural analysis software, and use of Microsoft excel to solve engineering problems.

Hydraulics and Hydraulics machinery Lab

Calibration of collecting tank, pressure gauge, notches, weirs. Venturimeter, vertical orifice, flat and semi circular vane experiments. Characteristics of centrifugal pumps, Kaplan turbine and Pelton wheel.

Geo-technical Engineering Lab

Study of properties of soils, such as specific gravity, water content, grain size analysis. Soil compaction tests, permeability tests, consistency limits. Soil strength tests like compression, shear and tri axial compression test. Consolidation tests.

Environmental Engineering Lab

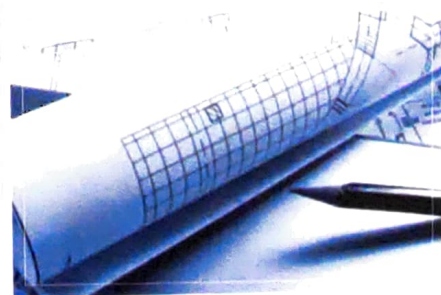
Measurement of water hardness, electrical conductivity, dissolved oxygen, pH, using techniques like titration, spectrophotometer, and flame photometer.

Concrete and Highway Materials Lab

Experimental study of cement, concrete, and bituminous materials. Tests include compression, tensile and split tensile tests. Soundness test, setting time calculations for cement.

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Graduate Programs Offered

B.E. IN MECHANICAL ENGINEERING

Duration: 4 years



Mechanical Engineering is the mother of all branches. The contribution of this branch is enormous in the growth of technology over the centuries. The scope of the course varies from material research to machinery development, Nano Technology, Smart materials, Aerospace Technology, Missiles technology, CAD/CAM, FMS, CIM, Automation and such other interrelated developments. The job opportunities are in aerospace, Automotive and Manufacturing sectors apart from research establishments. Many firms developing software packages for mechanical components and products are also recruiting the mechanical engineers. The skills needed for this course are strong computational mathematics, creativity and analytical abilities. The areas of study includes Manufacturing processes, Mechanical vibrations, Mechatronics, Heat and Mass Transfer, Tool Engineering and Design, Design of machine elements, Computer Integrated Manufacturing and Robotics.

Labs and Practicals

Material Science and Metallurgy Lab

Experiments Involving Metallographic Views and analysis and Effect of Heat Treatment on Metals and Alloys.

Foundry and Forging Lab

The lab involves preparation of different types of patterns and moulds. Further testing of these moulds is also carried out.

Fluid Mechanics and Machinery Lab

Experiments on Fluid flow and experiments involving viz., Fluid Machines, pelton turbine, Kaplan turbine, multi stage centrifugal pumps etc.

Machine Shop

Exercises involving different operations on different machines viz., Drilling, turning, Knurling, facing etc. on lathes and drilling and boring by using drilling machine. Groove cutting by shaping or slotting. Gear cutting by using milling machine.

Metrology, Measurement and Instrumentation Lab

Experiments involving the use of different measuring instruments.

Energy Conversion Lab

Experiments involving evaluation of Fuel properties and Performance evaluation of Petrol and Diesel engines.

Computer Aided Modelling and Analysis Lab

Finite element analysis of various structural components like bars, beams, trusses and dynamic analysis of 2D elements.

Heat Transfer Lab

Experiments involving evaluation of thermal conductivity, Heat transfer coefficient, COP of the Refrigerator, performance of Air conditioner and Analysis of heat exchanger.

Computer Integrated Manufacturing Lab

Computer integrated simulation of the components using the process of turning, milling and drilling.

Design Lab

Experiments on balancing of rotating masses, vibration analysis, governors, gyroscope, pressure distribution in journal bearings, strain gauge rosette, curved beam.

Invent Solutions



Graduate Programs Offered

B.E. IN MECHATRONICS ENGINEERING

Duration: 4 years

Mechatronics Engineering incorporate technological skills needed to meet the requirement of inter-connected industries. The areas covered under mechatronics engineering includes the different elements of mechatronics systems such as the principles of core mechanical engineering, signal conditioning, sensors, actuators, microcontrollers and programmable logic controllers. It also involves the design, production and maintenance of high technology consumer and industrial products as diverse as robotics, automotive anti-lock braking systems and modern manufacturing processes. It provides multi-disciplinary skills to enable the future needs of industry in a world of rapidly developing technology. The students are prepared for using their skills in computers, micro-controllers, programmable logic controllers, programming, industrial sensors, hydraulic, pneumatic & electric drives, design of mechanical structures & mechanisms and manufacturing processes.

Labs and Practicals

Machine Shop and Material testing lab

Exercises involving different operations on different machines viz., Drilling, turning, Knurling, facing etc. on lathes and drilling and boring by using drilling machine. The experiments also includes study on metallurgy & material science, behavior of materials under different type of loading conditions.

Fluid Mechanics, Machine and Pneumatic Lab

Experiments on Fluid flow and experiments involving viz., Fluid Machines, Pelton turbine, Kaplan turbine. Also experiments about the fluid flow control in hydraulic and Pneumatic.

Analog and Digital electronics lab

Analog part of the lab involves the study of basic V-I characteristics of the elementary semiconductor devices. Also, it involves the study of basic circuit configuration such as clipping-clamping circuits, amplifiers, oscillators and rectifiers. Digital part of the lab involves the verification of basic logic gates and also the study of combinational and sequential logical systems.

Virtual Instrumentation Lab

This lab deals with the study of graphical programming in virtual instrumentation using Lab VIEW software. The various functions like mathematics, signal processing and control and simulation is executed.

Micro and Smart system Technology Lab

This lab deals with Simulation of electrostatic-elastic actuation with fluid effect using CAD and experiments on BEL pressure sensor, Thermal-Cycle for PCR and Active control of a cantilever beam.

Microcontroller and PLC and SCADA lab

The concept of programming and interfacing techniques of microcontrollers specifically 8051 series are studied. PLC lab involves the study of ladder design using PLC.

Signal Processing Lab

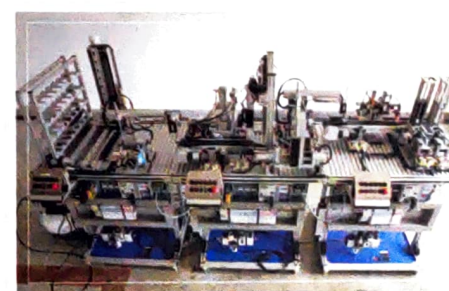
This lab deals with various signals, mathematical operation on different signals and convolution of signals using MATLAB programming and digital signal processor.

Robotics and Machine Vision Lab

This lab deals with the configuration of types of robots and the different types of links and joints used in robots. Study on components of robots with drive system and end effects. Verification of transformation (Position and orientation) with respect to gripper and world coordinate system are dealt.

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Postgraduate Programs Offered

M.TECH. IN COMPUTER SCIENCE & ENGINEERING

Duration: 2 years

Eligibility

Candidates who have acquired BE / B.Tech. / AMIE or equivalent degree in Computer Science / Information Science / Electronics & Communication Engineering / Telecommunication Engineering / Electrical & Electronics Engineering by securing not less than 50% marks in aggregate are eligible. However in case of candidates belonging to SC / ST / Group, the aggregate percent of marks in qualifying examination should not be less than 45%. The admissions are through central counseling on the basis of merit in PG CET or GATE. A few seats are also available under sponsored and Management quota. GATE qualified candidates are eligible for scholarship through AICTE.

About the Course

In the current scenario of various computing devices, the importance of efficient computing with resource optimization is becoming more and more relevant. The need for advancements in architecture and integrating computer hardware, software, algorithms, data management, simulation etc is being increasingly felt. It is in this context this program assumes relevance.

The curriculum is aimed to give theoretical and hands on in the areas of Advances in Operating Systems, Advances in DBMS, Computer Systems Performance Analysis, Formal Models in Computer Science, Advanced Algorithms, Advances in Computer Architecture, Computer Networks, Optical Networks, Advances in VLSI in the first three semesters and a host of elective subjects like Advances in Digital Image Processing, Computer Graphics & Visualization, Topics in Artificial Intelligence, Protocols Engineering, Advances in Storage Area Networks, Advances in Compiler Design, Information Security etc. Students have opportunity to work in advanced areas like Data warehouse, data mining as the department has projects funded by Government agencies and companies.

Infrastructure

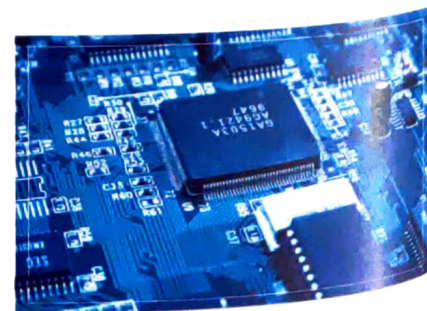
The students are required to learn through hands on in various laboratories in the department, namely, Research and development lab, High performance computer Lab, Network simulator Lab.

Areas of Research

The students will get an opportunity to participate in projects related to, but not limited to Natural Language processing, Data Mining and Business Intelligence, Image processing, Clustering, Multicore processing, High performance computing.

Job opportunities for the Postgraduates

Students will get placement and internship opportunities in Companies like IBM, HP, Microsoft, Cognizant Technologies, Tata Consultancy, WIPRO, Oracle and many more.



Postgraduate Programs Offered

M.TECH. IN MECHATRONICS

Duration: 2 years

Eligibility

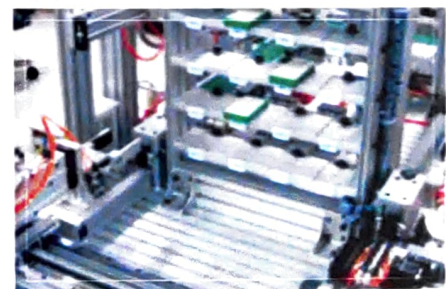
Candidates who have acquired BE / B.Tech / AMIE degree in ECE / EEE / Instrumentation Technology / ME / IPE / IEM / Automobile Engineering / Manufacturing Science / Aeronautical Engineering, by securing not less than 50% marks in aggregate are eligible. However in case of candidates belonging to SC / ST / Group 1 aggregate percentage of marks in qualifying examination should not be less than 45%. The admissions are through central counseling on the basis of merit in PG CET or GATE. GATE qualified candidates are eligible for scholarship through AICTE. A few seats are also available for sponsored and Management candidates.

Mechatronics is defined as "a synergistic combination of precision mechanical engineering, electronic control and systems thinking in the design of products and manufacturing processes". Mechatronic systems and subsystems appear across all industries, including automotive, aerospace, consumer electronics, machinery, equipment, and others. Mechatronic systems are excellent candidates for design process optimization due to the high complexity of Mechatronic designs, the high degree of integration of electrical, mechanical and information-processing components, the overlapping design disciplines and system behaviors, and the critical nature of optimizing of the overall system.

The curricula for this post-graduate programme provides the students thorough knowledge in hydraulics and pneumatics, MEMS advanced control systems, sensors and actuators, signal processing, robotics and automation, embedded system, systems design and product development. The Laboratories are equipped with hardware and software to enhance the teaching of courses and research in this innovative engineering discipline. To develop problem solving ability, in-depth technical competence, problem identification, formulation and solution for Mechatronics problems and hands on skills to enter careers in Mechatronics. The programme is conducted by well-versed faculty, invited experts from reputed institutions and industries.

Job Opportunities for the Postgraduates

Students may get placement in R&D organizations like DRDO, ISRO, CSIR, BARC etc. and modern industries involved in precision engineering, automotive, aerospace, process control, automation, robotics, computers, communications, electronics, health care, machine tools, power plants, as well as offers opportunities for higher studies and becoming qualified faculty in academic institutes.



Postgraduate Programs Offered

M.B.A (Dual Specialization)

Duration: 2 years

Master of Business Administration (MBA) trains a student to manage a business efficiently; both as an entrepreneur and as a professional. The course consists of extensive training in the areas of Marketing, Finance, Human Resources, Quantitative Techniques and Strategic Management. In fact, MBA education helps not only in managing businesses but also trains one in managing any situation.

Why MBA @ MITE ?

Management education at MITE is very unique in the sense that the Institute believes in "teaching management" and not just teaching "about management". Learning management in its true sense is achieved by taking the students through certain necessary experiences during their two-year duration at the campus. A set of highly educated, experienced and accomplished faculty with decades of international experience provide rich learning experiences with individual attention given to students. Excellent infrastructure, opportunities for curricular and co-curricular activities, support to project work and other management activities including social commitment contributes to shaping up of effective management competencies in them. Participation and involvement in annual conferences and fests will help students to sharpen their management skills. Institute's unique program "ESDP" helps the future managers to develop soft skills required to excel in today's corporate world.

Dual Specialization offered

The MBA Program offered is a two year, full time Management program consisting of Four semesters. The Department offers opportunities to students to get Dual specialization in the following areas:

- Marketing
- Finance
- Human Resources

Course Curriculum

The MBA Program, as per the University norms, consists of four semesters. During the first semester the students are exposed to General Management papers and during the second and third semesters the students are given intensive training on core papers of Management like Marketing, Finance and Human Resources Management.

During the Fourth semester students are permitted to do research work with an objective to gain practical knowledge.

Faculty

The Department is equipped with experienced and highly qualified team of 12 full-time faculty members and a good number of visiting faculties from various industries and professional groups from IIM's and IIT's all endowed with an admirable spirit to serve.

Infrastructure Facilities

- Air conditioned class rooms
- Hi-speed Internet Connectivity
- Highly conducive environment for research
- Enormous Industry-Academia Relationship
- Good Library facilities equipped with subject books, magazines and journals and inspirational management books
- Separate reference hall
- Innovation and Incubation Centres of Industry Standards



Career Guidance and Value Addition

Apart from various co-curricular and extra-curricular activities, students are exposed to career oriented and guidance programs to update their value systems in order to commemorate with the current industrial practices and to keep them Industry Ready for placements.

Faculty Advisor

A Faculty Advisor is appointed for every 20 students in the class strength of 60. They play a vital role in maintaining the entire database of the individual students during their period of study. Parents meeting are conducted once in every three months by the faculty advisors in order to update the parents about their students' performance. Timely counseling and expertise is shared with the students to keep them motivated and also to keep their morality high.

Results

Proof of the pudding is in the end result. Institute's concentrated multi-pronged strategy to shape students' managerial skills and competencies has resulted in excellent results year after year. Excellent infrastructure, International exposure, highly qualified faculty members, realistic teaching by top managers from the industry, close and personal mentoring and total focus on the development of managerial personality among students are some of the key elements of this success story. MITE has been producing consistently excellent results over the years, right from the beginning, which is one of the best in the University.

Learn from Industrial Leaders

MITE believes in learning not only from class room sessions but also from the Industry veterans. MITE conducts various programs throughout the year where experts from the industry visit and speak to the students. Rich and real life experiences that they bring with them help the students understand the practical world outside and accordingly mould their thinking and shape their personality. Every Saturday is the day for an industry expert to visit and share experiences. The institute also conducts various other programs viz., Conferences, Workshops to provide students the Real time knowledge.

MoU with MDIS - SINGAPORE

MITE has signed an MOU with MDIS (Singapore) for students to get exposure to the international curriculum in Business Management. Also, every semester one of the faculty from MDIS visits our institute to handle International Business subject.



UNIVERSITY RANKS

MITE has been consistently securing University ranks every year, thus demonstrating highest academic excellence.

2017 - 18: Four Students of B.E. secured Ranks in VTU Examination



Anna Rose Johny
2nd Rank
B.E. Mechatronics



Priyanka
2nd Rank
B.E. Aeronautical



Sarthak Vasanth
8th Rank
B.E. Mechatronics



Dinakar
10th Rank
B.E. Aeronautical

2014 - 15: MITE secured FIVE Ranks in the University Exams



Shwetha Nayak
9th Rank
B.E. Computer Sc.



Gauthami G
7th Rank
B.E. Aeronautical



Asha
1st Rank
M.Tech Mechatronics



A P Prajwal Kumar
2nd Rank
M.Tech Mechatronics



Sushma Kalagara
3rd Rank
M.Tech Mechatronics

2013 - 14: Students of M.Tech Mechatronics secured the First Three Ranks in the VTU Examinations 2014

2012 - 13: Ms. Deeksha of MBA secured the I Rank in the VTU MBA Examination

Ms. Deeksha was the first ever student in the Mysore zone of VTU to secure the I Rank. She was also awarded Four Gold Medals for having secured 1st Rank, Highest Marks and Topper in Master of Business Administration under VTU.



INDUSTRY - INSTITUTE RELATIONS

Rexroth REGIONAL CENTER FOR COMPETENCY
Bosch Group IN AUTOMATION TECHNOLOGIES

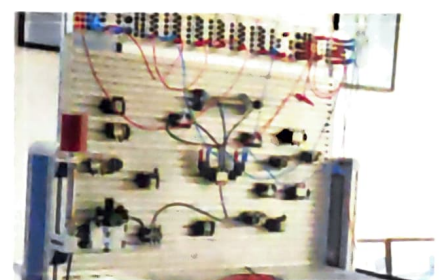


World Leader in Automation Technologies, BOSCH, does not need any introduction at all. Initiatives to bring Industry and Engineering Institutions closer have been very strong in BOSCH and as a part of this, BOSCH has been setting up Centres for Competency in different parts of the world. To set up the first one of this kind in South Karnataka well known for premier educational institutions in the field of engineering, BOSCH conducted a detailed evaluation of such campuses in the region which included a study of the standing, infrastructural posture, existing and potential capabilities and overall commitment to quality and we are very happy to say that MITE has been selected for this coveted position by BOSCH. Indeed, this gives another occasion for the students, staff and all others connected with MITE to feel justifiable proud, but our real distinction will be in establishing the centre and enabling it to support the entire fraternity in the region with high level of dedication conforming to highest level of Quality.

The need for bringing Educational Institutions and Industry closer has been a constantly debated and agreed upon subject, always. Rapid developments in the engineering industry due to constantly expanding knowledge and innovations in the industry constantly exert pressure on University curriculum towards the point of obsolescence as the fastest recouping Universities are at least five years behind industries. This is of particular relevance to some emerging sectors like Robotics, CNC Technology, Mechatronics, Hydraulics & Pneumatics and PLC Technology, to name a few. Advances in Automation Technologies have always faced challenges and outlived them extremely well in man-machine interfaces, particularly when the requirements are of highest level of precision to monitor and control events taking place in hazardous environments where human beings cannot operate.

Students participating in training in the above niches of advanced subjects get sufficiently exposed to latest developments and become well prepared to meet the realities that they have to encounter on completion of their regular academic studies. This enables them to work confidently on assignments without any need for internship, apprenticeship, On the Job Training or the like. The certification that they are entitled to from BOSCH, at the end of this training has been found to be of tremendous advantage during campus placements as industries all over the world are presently operating on Automated Technologies. The BOSCH Centre for Competency set up at MITE in a stand-alone mode and also in Networking mode with other similar Centres of BOSCH all over the World will undoubtedly offer itself as an excellent learning facility for the vast student fraternity of the entire South Karnataka Region. Our faculty members were deputed for advanced training at the BOSCH, Wurzberg, Germany.

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MITE - SIEMENS

Centre of Excellence in Digital Design,
Validation and Digital Manufacturing

MITE - SIEMENS "CENTRE OF EXCELLENCE"



Mangalore Institute of Technology & Engineering in association with Siemens PLM Software has set up a Center of Excellence (COE) for Digital Design, Validation and Digital Manufacturing. The COE will give students access to the same technology that companies around the world depend on every day to develop innovative products in a wide variety of industries including automotive, aerospace, machinery, shipbuilding, high-tech electronics and many more. Graduates with this type of software training are often the preferred candidates for advanced technology jobs. MITE is using the same technology in its classrooms that companies worldwide depend on to design some of today's most sophisticated products.

The Centre of Excellence includes SIEMENS PLM Software solutions such as NX™, Tecnomatix® and Fibersim™. NX™ software is a leading integrated solution for computer-aided design, manufacturing and engineering (CAD/CAM/CAE). Tecnomatix® portfolio is the leading digital manufacturing software of industry today. Fibersim™ portfolio of software is the solution for composites engineering. The software grant has been provided by Siemens PLM Software's academic program that delivers PLM software technology to more than one million students yearly at more than 12,000 global institutions.

Siemens PLM Software is a leading global provider of product lifecycle management (PLM) software and services with 7 million licensed seats and more than 71,000 customers worldwide, delivering upon solutions to help its customers make smarter decisions that result in better products.

MITE is providing industry-leading technology in the classroom, with the aid of these SIEMENS PLM Softwares. By using the same technology in the classroom that is used by companies all over the world to develop a wide variety of products, our students gain important real-world experience during their studies that will serve them well after graduation. As product complexity continues to grow, students who are able to use PLM software technology are expected in great demand. MITE looks forward to build next generations of engineers with Siemens PLM Software as an Industry partner in realizing its goal of providing real time Industry oriented education.

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MoU with Automotive Leader **KPIT** For the Program for Academic Collaboration and Engagement (PACE)



Mangalore Institute of Technology and Engineering has entered into a Memorandum of Understanding (MoU) with the Leader of Automotive Domain, Indian based Multinational corporation KPIT Technologies Ltd. As per the MoU, Final Year Engineering Students of Electronics & Communication Engineering, Mechanical Engineering will have Four months of practical Industry training at KPIT Campus on Automotive, Electronics Design and Development. Post the training, the students will not just be certified by KPIT, but excelling students would be offered core engineering job opportunities. Also, as part of the MoU MITE Faculty will be trained on niche and latest technologies at KPIT Campus by Domain experts, to enable practical oriented education to the students.

KPIT Technologies Limited (formerly KPIT Cummins Infosystems Ltd) is an Indian multinational corporation headquartered in Pune, India. Popularly known as KPIT, with an employee strength of 12,000. KPIT provides IT Consulting and Product Engineering solutions and services to Automotive and Transportation, Consumer and Industrial Goods, Energy and Resources, Utilities, High Tech, and Life Sciences companies. In automotive domain, the organization has created well known solutions including REVOLLO and India's first ARAI-certified intelligent transportation system - On-bus ITS.

MITE in the elite 20 select Partner College

KPIT, every year conducts Annual National Design and Project competition 'SPARKLE' for the Engineering College Students, in which has teams of IIT's, NIT's and prestigious institutions participate to exhibit their innovative projects. Students design and develop innovative solutions on the problems based on the specified themes by KPIT. The shortlisted students will exhibit their projects at the annual meet to the Panelists, who are Domain experts picked from across the Globe.

Student Teams from MITE were successively shortlisted for the final rounds in all the previous years. In 2017, A Project Team won the Platinum Award with the cash prize of INR 10 Lakhs for the best project. Considering this consistent performance from the students, KPIT has selected MITE as one of the Partner college: One amongst the only 20 Colleges across the country selected as Partner college by KPIT.

KPIT's Program for Academic Collaboration and Engagement (PACE) is a flagship program to bring in collaboration between Indian Technological Institutions / Universities and KPIT Technologies Ltd. The Program is beneficial for all the stake holders namely Students, University / Institution faculty members and the Company. The eagerness to work with KPIT, ability to make changes in the curriculum and Pedagogy methodologies in line with industry needs and more importantly strong Leadership promoted establishing this link.

MoU with **UiPath** - Global Automation Company to expand Automation Talent Pool in India



MITE has signed an Agreement with UiPath, the global software company that develops a platform for Robotic Process Automation (RPA). The agreement under UiPath Academic Alliance program will help MITE ramp up educators with skills of the future and also offer courses related to RPA to its students. MITE will receive curriculum, course content, learning materials, regular educator trainings and software tools, to provide training to their students.

The MoU with UiPath, MITE will be able to leverage the competency of Students in the Artificial Intelligence & Automation Domain at par with the Industry requirements. Fourth Industrial revolution is disrupting and reshaping every industry. Technologies like artificial intelligence and automation are driving productivity and redefining future of work. RPA is playing an instrumental role in helping humans automate mundane tasks and free up time for higher - level works. RPA is also anticipated to create new jobs requiring higher level cognitive thinking and creativity.

Speaking on the occasion of the MoU exchange, Mr. Rajesh Chouta, Chairman, MITE mentioned that "Technologies in the Industry are changing rapidly. It is really a challenge to keep at pace with the fast paced evolving Technologies. However, we at MITE are looking at developing our Student's at par with the Industrial requirements focussing on latest technologies like Artificial Intelligence, IoT, Automation. Our Students will be trained with technologies that are currently been used in the Industry - thus making them 'Industry Ready'."

UiPath Academic Alliance program was launched in September 2018 with a vision to create an automated and fully-employed world. The Academic Alliance program empowers people from all walks of life - university students, educators and business professionals alike - to access automation training and leverage it in the workplace of the future. Under its Automation First initiative, the UiPath Academic Alliance is committed to serving more than one million students and one thousand schools in the next three years.

About UiPath

UiPath is leading the "Automation First" era - championing one robot for every person, delivering free and open training and collaboration and enabling robots to learn new skills through AI and machine learning. Led by a commitment to bring digital era skills to more than a million people, the company's enterprise Robotic Process Automation (RPA) platform has already automated millions of repetitive, mind-numbing tasks for business and government organizations all over the world, improving productivity, customer experience and employee job satisfaction. UiPath has become one of the fastest growing enterprise software companies in history.

MoU with Carl Zeiss on Industrial Metrology



MITE has signed an important MoU with Carl Zeiss India Pvt Ltd. (CZI) towards Skill Development in the area of Industrial Metrology and finding value creating opportunities for Students, teaching faculty and Industry Personnel. CZI is in the business of manufacturing / assembly of eye glass lenses / industrial metrology equipment and dealing, trading, importing, buying, and selling of spectacle lenses, surgical, medical, microscopy, industrial metrology, electronic - microscopic systems, accessories, spares and after sales service of mainly Carl Zeiss and other products. Industrial metrology division caters to design & manufacture of precision metrology equipment in the fields of automotive, machinery, aerospace and allied industries. CZI is a leader in CNC coordinate measuring machines and complete solutions for multi-dimensional metrology in tool rooms and production applications.

Main Objectives of the MoU:

- To focus on bringing successful opportunities that lead to skill development, training and consultancy in the area of industrial metrology in general and co-ordinate metrology in particular.
- Allow exchange of students, faculty and industry executives between MITE and CZI to enhance the overall competence in the above fields.
- Establish a center of excellence in co-ordinate metrology at MITE

Infosys Campus Connect Program

Campus Connect is a unique academia-industry initiative of Infosys to “architect the education experience”. The goal is to build a sustainable partnership with engineering education institutions in India and abroad for mutual benefit of producing “industry ready” recruits. MITE is officially partnered with Infosys to offer the various programs of Campus Connect initiative. The objective of Campus Connect program is to enhance the quality and quantity of the IT talent-pool; sustain the growth of the IT industry itself and intended to increase the employability of students. MITE is now recognized as **'Advanced Partner Institute'** by Infosys since 2014. Also Infosys has recognized MITE for **'Outstanding contribution in rolling out Soft skills' Program** to the students during 2015.

The Campus Connect offerings are intended to make the college curriculum align with the industry's requirements. Seminars and training sessions are arranged for the faculty to give them an industry perspective, enabling them to train the students accordingly. Also as part of this program industry-oriented topics are designed and the courseware is provided to the students. The students are given projects and sabbaticals are given for the faculty. Some of the skills that are being covered in the workshop include:

articulation, competence in reading, writing, effective listening and oral communication skills, adaptability to cross cultural environment through creative thinking and problem solving, personal management with assertiveness and initiative, interpersonal skills and the ability to work in teams.



GLOBAL UNIVERSITY TIE-UP

MoA with Binghamton University, New York, USA



MITE signed an important Memorandum of Agreement (MoA) with Binghamton University, State University of New York. Binghamton. International exposure not only equips students with the access to the best practices around the globe but also enables them to perceive and persevere, to articulate and collaborate, appreciate cultural differences, comprehend and grow oneself truly beyond the contemporary engineering education. Ascertaining the fact that comprehensive alliance are inevitable to flourish, our institution has continually been striving to affiliate with the best universities around the world. Exposure, interaction, and collaboration with people from diverse backgrounds empower students to accommodate and appreciate the difference and coexist in complex organizations.

The University hosted the signing ceremony of MoA on 4th of May 2016 at their campus. Binghamton University is ranked **8th Best Public University** and 15th overall amongst 'Top 25 Best Value Universities in US' by Forbes Magazine. It is also considered as one of **USA's Top 50 Public Universities** for 18 consecutive years.

With this agreement, the two Institutes agree to 'foster advancement in teaching, research, academic collaboration and cultural understanding, and to create avenues for enhancing learner experience at both partners, as well as strengthen both partners by finding ways of combining their complementary resources and strengths. With the MoA, MITE aims to excel in Research with collaborative research works to be done in several areas. Also, the intention of this partnership is to create a specific foundation to encourage exchange and sharing of Academic, scientific and cultural experiences amongst their Professors, students and Administrative Personnel.

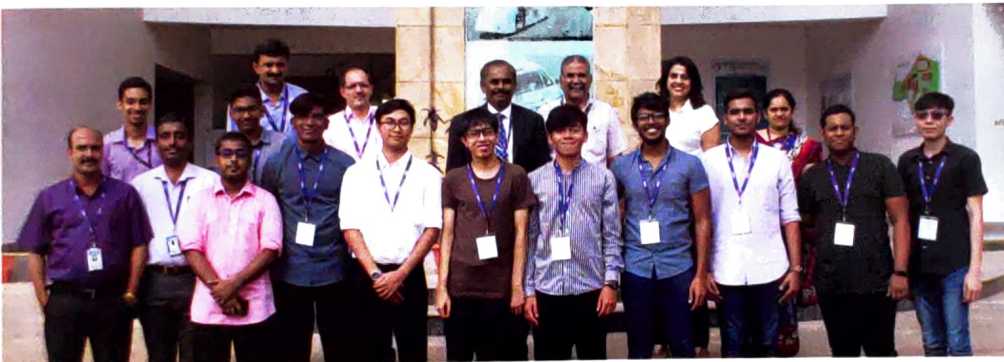
To start with, a Certification Program on 'Lean Six Sigma' was conducted during September 2016 by Binghamton University for the Mechanical Engineering and Aeronautical Engineering Students at MITE Campus. Every year, a certification Program on 'Lean six Sigma- Yellow Belt & Green Belt' is conducted for the Students of Mechanical Engineering, Mechatronics Engineering and Aeronautical Engineering. Also, another Certification Program on 'Data Mining & Data Analytics' is conducted for the Students of IT Branches' by Binghamton University. Binghamton University will be admitting students for MS Studies from MITE. Also, Final Year Students will be getting an opportunity to do their Six Week Internship Program at US. In addition Final Year Student Projects are mentored by Professors as Project Guides.

MoU with Kumamoto University, Japan



MITE has signed an MoU with Graduate School of Science and Technology, and Faculty of Advanced Science and Technology, Kumamoto University, Japan for the academic exchange program. The MoU was signed by Mr. Rajesh Chouta, Chairman RET and Prof. Tsuyoshi Usagawa and Fusao Ichikawa, Deans of Faculty of Engineering from Kumamoto University. The tie-up has the student as well as faculty exchange academic excellence research collaboration. With this MoU, the institution looks forward to greater collaborations in research and develop solutions to engineering and Society problems.

ITE - WEST Singapore



MITE has an MoU with ITE West Singapore since 2010, for student exchange program. In addition to the Knowledge and Technology competence sharing, the other main objective of this program is cultural exchange. ITE West is home to 7,800 students and 710 staff. It offers 42 courses under the Schools of Business & Services, Electronics & Info-Comm Technology, Engineering and Hospitality. As per the MoU, Students from ITE-West visit MITE Campus every year for Two weeks and undergo one academic credit Course. The electronics stream students undergo a course on Microcontrollers & Bosch certified PLC course. Similarly, the Computer Science stream students undergo the Web Technologies & Development course.

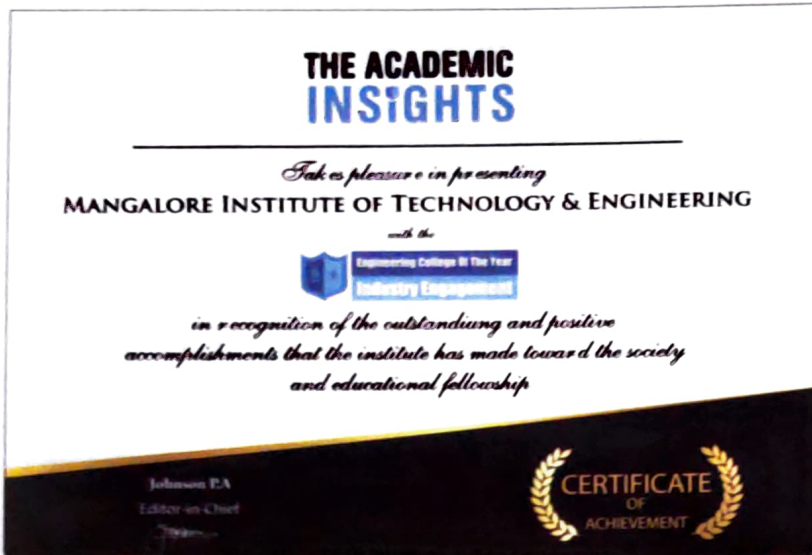
MDIS Singapore

MITE has MoU with MDIS, one of the biggest business schools in Singapore. To impart International learning experience, each year Management Students of MITE visits MDIS and undergo Two Weeks of training on International Business Practices and etiquettes.

MITE also has a MoU with ITE West Singapore. Two batches of students visit MITE every year and undergo courses in the stream of Electronics and Computer Science Engineering respectively.

AWARDS & ACHIEVEMENTS

Best Engineering College of the Year 2017



MITE has been awarded as the 'Best Engineering College of the Year 2017' under the category 'Industry Engagement' by Higher Education Review Magazine

Best Management College of the Year 2017



MITE has been awarded as the 'Best Management College of the Year 2017' under the category 'Entrepreneurial Enhancement' by Higher Education Review Magazine

AWARDS & ACHIEVEMENTS

MITE continues the winning streak at Unisys Cloud 20/20

Won the 3rd Prize with cash prize INR 1 Lakhs

UNISYS Cloud 20/20 is a Innovation Annual National Project Contest conducted by UNISYS which is designed to foster innovation among students and create a talent pipeline for UNISYS and the IT Industry at large.



2019 : Students of Electronics and Communication Engineering won the Third Prize at 2019 UNISYS Cloud 20/20 Annual National Project Contest. The Team won the Third Prize with a Cash Prize of Rs 1Lakhsfor their Project "Smart Telematics".

2018 : Two Student projects of Electronics and Communication Engineering were selected for the semi Finals at UNISYS Cloud 20/20 Ver 9.

MITE Students won the 2nd Prize at UNISYS Cloud 20/20 Ver 8 in 2017



2017 : Students of Electronics and Communication Engineering of won the 2nd Prize at UNISYS Cloud 20/20. The Team won the Second Prize with a Cash Prize of Rs 1.25 Lakhs for their Project "Co-Di-Ra Messenger". The Team was one amongst the 800+ Projects submitted across India.

2016 : Electronics & Communication Engineering Student Project - 'Triplet Li-fi' won the Third Prize with a cash Prize of Rs. 1 Lakh in the prestigious Annual 7th Edition of UNISYS Cloud 20/20. A total of 1600 teams from colleges across India participated in the 7th Edition of Cloud 20/20. MITE was the only team from Karnataka to win this prize.

2015 : MITE Student Project was selected for the Finals of the Unisys Cloud 20/20 ver 6. The Project was one amongst All India selected Top 7 Projects for the Finals.

AWARDS & ACHIEVEMENTS

MITE Hybrid Car wins 'Overall Champions Award' at ISIE Hybrid Vehicle Challenge 2019



The Hybrid Car designed by Students of MITE won the 'Overall Champions Award' at the ISIE Formula Imperial Hybrid Vehicle Challenge 2019. Imperial Society of Innovative Engineers (ISIE), supported by Ministry of New and Renewable Energy (MNRE) organizes the National level event "Formula Imperial -HVC" annually. The objective of the challenge is to design and fabricate a Hybrid Vehicle, so as to provide an opportunity to Engineering students to demonstrate and prove their creativity and Engineering skills. In additionm The Team also won other Five awards - People's Choice Award, Best Acceleration, Best Cross Pad, Best Driver, Best Endurance.

MITE Students wins 'Platinum Award' at KPIT Sparkle 2017

KPIT Sparkle: Prestigious Annual National Design and Innovation Contest conducted annually by KPIT



- 2019 : Two Student Projects were selected for the Finals of KPIT Sparkle 2019.
- 2018 : Three Student Projects were selected for the Finals of KPIT Sparkle 2018.
- 2017 : Students of Mechanical Engineering of MITE won the Platinum Award at the Prestigious Annual National Design and Innovation Contest conducted annually by KPIT - KPIT Sparkle. The Team won a cash Prize of Rs. 10 Lakhs for their Project "Frictionless Gear Transmission Using Polymagnets". The Team was one amongst the 35 Top Finalists in India amongst 1500 Teams who had submitted their Ideas. Another Project Team of Electronics and Communication Engineering was also selected for the Top 35 who participated in the Finals.
- 2016 : Electronics & Communication Engineering Student Project 'Artificial Bio fuel generating Plant' was selected for the Finals of 'KPIT Sparkle 2016'. The students were given 'Most Promising Innovators' Award.

AWARDS & ACHIEVEMENTS

MITE E-Kart wins 'BEST DESIGN' Award at All India Eco-Kart 2017 & Eco-Kart 2018



- 2018 : MITE Exo-Kart secured 'Best Design' Award at the All India Eco-Kart 2018, held at Gautham Budha University, Noida during March 2018. This was the second successive year to win the Award. The Team stood V overall amongst 35 Teams across the Nation.
- 2017 : The Eco-Kart designed and developed by the students of MITE won the 'Best Design Kart' Award for the design and development of an eco-friendly battery operated car at the All India Design and Development of Eco friendly car Competition - Eco-Kart 2017 competition held at BML Munjal University, Gurgaon, Haryana. The award was given for the 'aerodynamic curved body structure and virtuous aesthetic appearance with sportive features'.

MITE Formula Car wins Third in Design at FMAE Formula Student 2017



- 2017 : Formula MITE Racing car won the Third position in Design in FMAE Formula Student 2017, held at Kari Motors Speedway Coimbatore. The event was organized by Fraternity of Mechanical and Automotive Engineers (FMAE). The team stood VI in overall event that saw 31 Teams across the nation.

AWARDS & ACHIEVEMENTS

MITE 'All Terrain Vehicle' awarded
'Most Popular Car of the Year' by JK Tyres Motorsport



2018 : MITE ATV secured All India 14th and 3rd Position in Karnataka in the SAE Baja India 2018 competition held at IIT Ropar, Punjab.

2017 : MITE ATV was shortlisted for the Finals of SAE Baja 2017

2016 : '**All Terrain Vehicle**' designed by Students of MITE participated in the SAE India competition and stood **All India 10th among 44 teams** that qualified out of 175 teams. Also the Car was awarded as the '**Most Popular Car**' by JK Tyres Motorsport.

- The Team stood 7th Rank in the Acceleration event, 8th Rank in the Endurance event, 10th Rank in the Weight pulling event, 15th in the Design Event.
- Overall the Team was Ranked 10th out of final 44 shortlisted Teams and awarded '**Most Popular Car of the year**' by JK Tyres at SAE Baja 2016.

MITE 'Solar Vehicle' car awarded 'My Ride My Glory' award



2018 : 'Solar Car' designed by Students of MITE participated in the Indian Solar Vehicle Championship 2018 at MM Deemed University, Ambala, Haryana during March 2018 and won the; My Ride, My Glory' Award.

AWARDS & ACHIEVEMENTS

MITE Go Kart Awarded 6th at International Go-Kart Competition



- 2018 : MITE Go-Kart car secured IV Place in Endurance event in the International Go-Kart Championship at LPU, Jalandhar Punjab during March 2018.
- 2017 : MITE 'Go-Kart Car' was **Ranked All India 4th Overall** in the International Go-Kart Championship at LPU, Jalandhar Punjab during March 2017. The competition witnessed participation from 170 teams across the globe. Team MITE was the Second 'Runner up' in the Endurance.
- 2016 : MITE Go-Kart Team also participated in the event in the year 2016 and were ranked All India 6th position. The competition witnessed participation from 170 teams across the globe. Only Top 22 teams qualified for the final Round.

MITE All Girls Go Kart Team wins 'Appreciation Award' at IKR Season 3



- 2018 : MITE All Girls Go-Kart Team participated in the Indian Karting Race Season 3, conducted by ISIE India, held at Budh International Circuit, Greater Noida during January 2018. The Team was given the 'Appreciation Award'.

AWARDS & ACHIEVEMENTS

MITE wins I & II place in Hoverpod Challenge, IIT Kharagpur



2018 : Team Aero of MITE won both the First & Second place in Hoverpod Challenge at the National Students Space Challenge organized by IIT Kharagpur in association with ISRO & Sha-Shib group.

MITE wins II position in National Level Drone Tech at IIT Varanasi



2018 : Team Aero won II Place in National Level Drone Tech at IIT Varanasi. The Team also participated in RC Plane competition and Secured IV place out of 65 Teams.

2017 : III Place - IGCK, IIT Kharagpur

V Place - National Level Aero Modeling competition at NIT Warangal.

II Place - Level RC Plane competition at NMIT Bangalore.

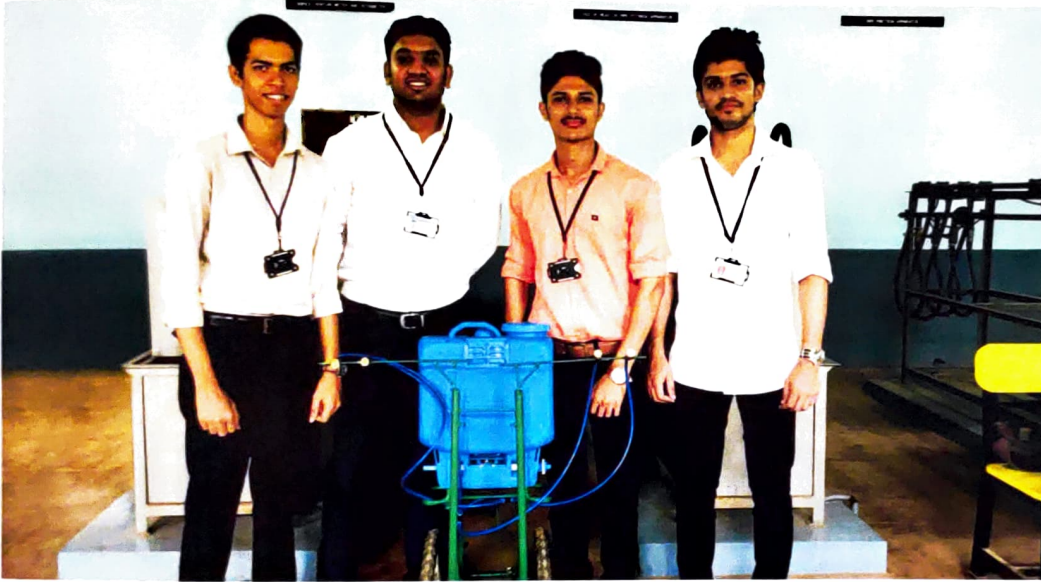
AWARDS & ACHIEVEMENTS

MITE Project awarded 'Project of the Year 2018'
at KSCST Project Competition



KSCST
KARNATAKA STATE COUNCIL
FOR SCIENCE AND TECHNOLOGY

Karnataka State Council of Science & Technology (KSCST) provides financial and academic support for B.E Projects. This program is a unique experiment in Karnataka and it is also a major innovation and first of its kind in technical education in the country and has a major impact in improving the quality of technical education.



Mechanical Engineering Student Project received the 'Project of the Year' award during Seminar and Exhibition of Student's Projects at the 41st Series of Student Project Program of the Karnataka State Council for Science & Technology. The Project 'Multinozzle manually operated Sprayer' was one amongst the Six other Projects from MITE that were selected for the exhibition.

MITE bags maximum no. of Student Project Sponsorship in KSCST

2019 : A record number of 28 Student Projects has been selected and approved for Sponsorship in the KSCST Annual 'Student Project championship 2018-19'. Karnataka State Council of Science & Technology (KSCST) provides financial and academic support for B.E Projects. This program is a unique experiment in Karnataka and it is also a major innovation and first of its kind in technical education in the country and has a major impact in improving the quality of technical education. Student Projects of MITE have been consistently getting selected in the KSCST every year.

No. of Projects selected for Sponsorship in the Previous years:

2018-19 28 Projects	2017-18 11 Projects	2016-17 16 Projects	2015-16 14 Projects
2014-15 6 Projects	2013-14 4 Projects	2012-13 4 Projects	

AWARDS & ACHIEVEMENTS

Best Engineering College undertaking Green Initiatives



MITE has been awarded the 'Best Engineering College undertaking Green initiatives' by the Pollution Control Board, Mangalore, Govt of Karnataka, for the various steps taken towards making a Green Campus

MITE Shines at NITK MUN



NITK Surathkal organized a Two days Model United Nations (MUN) at their Campus in October 2018. MUN is a forum to hone skills in diplomacy, negotiation, critical thinking, compromise, public speaking, writing, teamwork, and leadership abilities.

Students from the Speakers League and Captcha triumphed in the two-day event with the titles of Best Journalist - SPEC POL, Best Journalist - London Economic Council, Best Delegate - SPEC POL, Best Delegate of Media, Best Media Coverage & received High Commendation: Journalist - SPEC POL.

Entrepreneurship & Incubation

Education is evolving to new alleyway with changing aspirations of young minds. The rapid shift in temperament towards self-employment is evident. People today are inventing jobs based on their skill sets. Entrepreneurship is the future of the global economy. Current generation want to control their own economic futures, as is reflected in the entrepreneurial spirit worldwide. MITE has realized this shift in notion and emphasized on extending support to entrepreneurs as almost one third of millennial are said to be already aspiring to some form of entrepreneurial venture. The institution strives to identify, nurture and support young entrepreneurs through the Entrepreneur Development Cell. The extensive efforts of the cell have shown results with a large number of Alumni starting their independent ventures. The institution takes pride in the budding entrepreneurs and extends technical, legal and moral support to sustain their initiatives.

Entrepreneurs from MITE



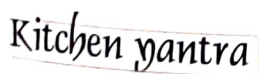
MITE has established an incubation center in the campus that provides a conducive environment for the startups to flourish, adjust to the business environment, compete and establish themselves in the league. The incubation center at MITE helps entrepreneurs with best state of the art Industry setup, mentors and training. The institution encourages students to be part of these ventures which in turn provides the students a real time experience of the industry projects and practices. The emphasis here is not only limited to Tech startup, but the institution also provides avenue for lateral ideas that are worth exploring.

To add on, MITE is one amongst 10 selected colleges by KITS, Govt of Karnataka for setting up Incubations with a funding of Rs. 1.2 Crores, to be funded for 30 innovative ideas in three years. Also, MSME, Govt of India has selected MITE for an Incubation Program with a funding of Rs. 65 Lakhs for innovative 10 projects. At present, Two Startups Pace Wisdom Solutions (PWS) and Karavali Media Pvt. Ltd, have their Development Centers at MITE Incubation Center.

Startup through Incubation at campus

With change in business dynamics, one should have the focus and resilience to survive the ups and downs of business. only then one can succeed. Long term Planning, there isn't an overnight success or a shortcut. Thinking big and planning for long term is important. MITE helps students to focus, plan and execute their business ideas and succeed through the Incubation Center with the network of local entrepreneurs and industry experts.

Startups funded in the current Academic Year at the MITE K-Tech Innovation Hub by Govt. of Karnataka.



Invent Solutions

PLACEMENTS

The success behind our placement program can be traced all the way to our mission and vision which collectively promote the overall success of students, staff and the college. The industries in India and abroad, seek to recruit the best brains entering the industry from MITE. This ensures that students of MITE pick the right kind of work that they want to do. Major recruitment drives are conducted from Sep to May of every year wherein prominent organizations both Indian and International participate and recruit our students. 100% of our eligible candidates have been getting placement offers in the recruitment drive.

At MITE, our responsibility is not only confined to providing exemplary education and shaping competent graduates, we are also committed to extend support to candidates in choosing an apt Career path - may it be an opportunity in a reputed organization or Industry, becoming an entrepreneur or pursuing higher studies. We take pride in seeing our students walk out of the campus with the best choices that ensures and aids in propelling in their professional careers and spread their wings with confidence.

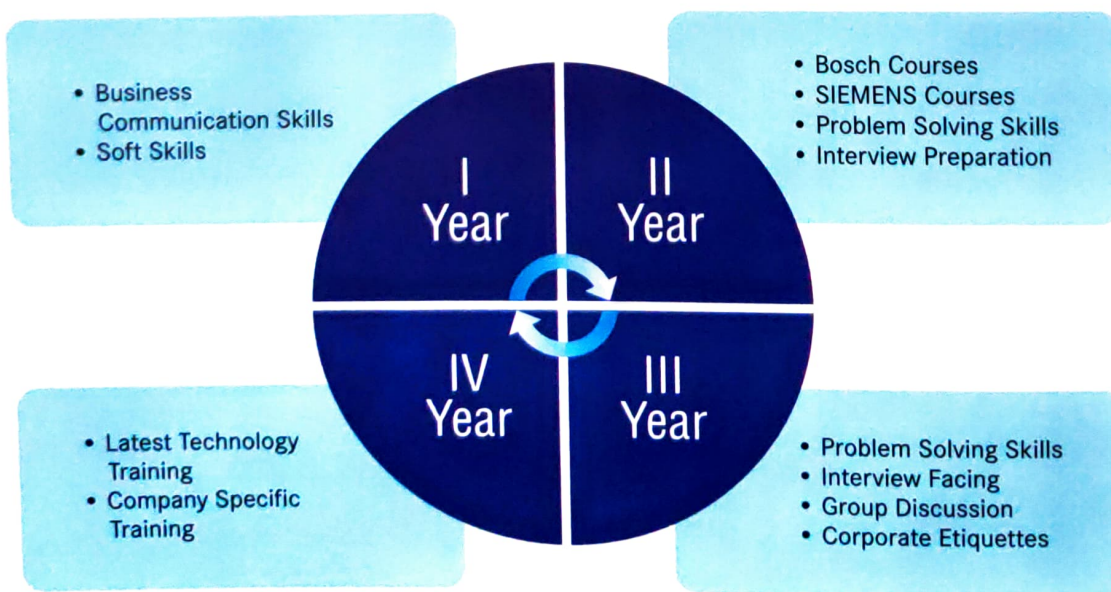
Employability Skills Development Program

Objective

Problem Solving, Business Communication, Personality Development, Bridging the Industry Academia gap, Industry readiness

Excellence is achieved through training & habituation. Training polishes the spirit. The Career Guidance cell of MITE spearheads and conducts numerous programs since the first year which enables our students to excel in recruitment, and be placed in Organizations of repute.

The Career Guidance Cell has been conducting various Programs on Problem Solving, Soft Skills, Technical Refresher courses for all its students as part of ESDP. The objective of ESDP is to shape a student 'Industry Ready' and bridge the gap between classroom teaching and Industry needs. The ESDP sessions are imparted regularly as part of weekly schedule. The Program exposes the students to the various requirements of the 'Interview Preparedness'.



placement Records

Excellence is achieved through training & habituation. Training polishes the spirit. The Training & Placement cell of MITE spearheads and conducts numerous programs since the first year which enables our students to excel in recruitment, and be placed in Organizations of repute.

The success behind our placement program can be traced to the Employability Skill Development Program inducted to complement our mission and vision which collectively promote the overall success of students. Top Premier Industries seek to recruit the best brains entering the Industry from MITE. This ensures that students of MITE pick the right kind of work they want.

Highest Salary offered:

2017 - 18 : ₹ 21 Lakhs Per Annum in Silver Peak Global

2016 - 17 : ₹ 21 Lakhs Per Annum in Silver Peak Global

2015 - 16 : ₹ 9 Lakhs per annum in SAP Labs

2014 - 15 : ₹ 11 Lakhs per annum in Radio Holland

CAMPUS PLACEMENTS

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Always deliver
more than expected

Providing 500+
careers every year...

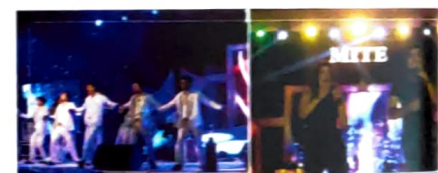


SENTIA

It is well known and profoundly acknowledged in the fields of Engineering and Management Education in the state of Karnataka that Mangalore Institute of Technology and Engineering (MITE) has the most enviable Infrastructure and superlative staff which enables the college to deliver Quality Education and also achieve excellence in these fields. In consonance with the vision and mission statements of the Institution, we are committed to ensure that all students leave the college, on completion of their graduate and postgraduate programs, as excellent human beings, in addition to being highly competent professionals. This is of paramount importance for the students and the Institution alike, to ensure that the students are well prepared to make significant contributions to the Society, the country and the World, at large.

To achieve the above objectives, we are committed to the all-round growth of every student and it is here that the focus on co- curricular and extracurricular activities assumes great importance. Apart from providing world class playgrounds and associated sports gear we have been paying special attention in the areas of Art and Culture. The campus is kept very lively by the students and staff alike, by indulging in sports, games and cultural activities of their choice and this is found to enhance their academic performance in a regenerative process, as evidenced by their remarkable results in various semesters. The Campus witnesses an annual event lasting about a week which showcases the extraordinary talents of the students in various forms of sports, arts and culture. This event is rightly named SENTIA which is the true exposition of rhythmic, lovely expressions. Many other colleges from far and near join us during this celebration week and we reciprocate the same by sending our students to other campuses. It is a matter of great satisfaction and pride to all of us that many of our students have earned great names for themselves and MITE alike, by winning many competitions in other campus festivals. Many of them have exhibited commendable talents and won in various state level competitions as well, bringing laurels to us. We are indeed very proud of them.

The excellent atmosphere that prevails in the campus, academically and otherwise, undoubtedly puts us on a continuous growth path, and we have added many graduate and postgraduate programs from the day of our inception with just four streams of sixty seats each. Today we stand at a threshold of more than three times that size with over ten different programs with an average annual intake of students approximately one thousand.



Alumni Testimonials



Its world class infrastructure and technically superior faculty not only makes its students technically sound but also moulds them to be responsible and productive engineers. From its lush green campus to the advanced hi-tech engineering labs, MITE provides the best of the best to its students. MITE is a pool of opportunities and thus simply the best place to be for Engineering.

Gagan Sagar
Honeywell



Throughout my 4 years of engineering at MITE I had countless opportunities to develop leadership skills and, proactive thinking through various programs; because of which I am improved in many different ways. The best thing about MITE is its infrastructure, apart from that a student friendly faculty. A Big thank you to all my faculty members and the placement department for their support and for this amazing journey at MITE; this would not have been possible without them.

Sushmitha J K
Evry India



MITE has provided me a platform to develop multifaceted qualities through various aspects, from organizing the Technical Talks, webinars to organizing Senita. I am thankful for letting me represent on behalf of MITE to activities such as Microsoft Student Partners(MSP) Program, Google's Applied CS Course using Android and also organizing Microsoft Research's Tech Vista 10th edition. This was possible with the support and guidance of the Faculty at MITE.

Punith Gowda
Mind Tree



MITE has given me an amazing platform for the overall growth and development. The campus has excellent infrastructure and is very beautiful with a perfect blend of nature and student-friendly facilities. When I first started at MITE, I was unsure about my future and anxious about the different challenges I was heading forward to face. But MITE gave me the support and confidence to grow both personally and professionally. MITE gave me an opportunity to enrich my knowledge, to learn and to grow gradually.

Rolson Rebello
Bosch Automotives



MITE educates students in a very creative way and encourages them to think out of the box. "Where Stones turned into diamonds" is not only a slogan but lived reality. The multicultural environment that is unique to MITE had provided me with such an experience building an OFF-Road buggy. The support that me and my team received during the course of our project was immense. The college that turned my Dream into reality!

Ashwin Balaram B
Mercedes Benz



MITE offers a blend of learning, amusement and integration of enduring principles. As an Information Science Engineering student, it provided a wide arena of the field and hence I got to learn something new with every subject. A student always finds himself in a pool of never ending opportunities, be it technical or non-technical. Another feather in the cap are the professors who impart quality education to their students. What more should I speak about an institute that shaped and guided a path towards my goal.

Ashish Kumar S
ITC Infotech



Shaping my future and providing me the right ambience; it could possibly be only at MITE. It has helped me showcase my talents and improvise my abilities. I'm lucky to be a part of MITE family and I'm grateful to all my teachers who are the support system. It's a pride to be at MITE.

Deeksha Martina Lasrado
Infosys



It's my greatest privilege being a part of MITE family. The world class teaching and the infrastructure at MITE, highly supportive teaching and Non-teaching staff has motivated me and boosted confidence in me. A Big Thanks to MITE.

Deeksha Suvarna
KPMG



My Journey of 2 Years in MITE campus were valuable & Unforgettable. I've gained lot of experience with a great teaching faculty & the infrastructure provided by the college for development is world class

Jason Preetham Mendonca
Earnst & Young

RESIDENTIAL FACILITIES

Hostel

MITE provides the students with accommodation that always gives a home-away- from-home feel and ambiance while staying at the Hostel. We provide a safe, clean, comfortable eco-friendly environment in a lush green campus that supports the development of a vibrant MITE student community. Overall, students can lead a pollution-free life.

We have a team of friendly and helpful Resident Wardens, Resident Advisors and Resident Assistants to offer support and assistance which may be needed in making transition a positive one. Hostel rooms are furnished with single beds in twin sharing accommodation with wardrobe/ cabinet, desk lamp, chairs and bookshelves with good ventilation and lighting. We have internet cafe, TV hall and Recreational area within hostel blocks. We have separate blocks for girls and boys hostel. We have air- conditioned hostel facility in our Deluxe block for NRI students and who can afford.



OTHER FACILITIES

Library

The College library has a collection of over 25798 volumes, 4864 titles, most of the standard journals, technical as well as general, and all leading newspapers. The reference section is a large repository of books, periodicals and a huge volume of journals.

As per the AICTE Norms library has subscribed for E-Journals of IEEE, I-GATE, ASTM DIGITAL LIBRARY, WILEY-BLACKWELL, ELSEVIER, Springer, McGraw Hill, Gale Cengage Learning, EBSCO, D-Line Etc. The College has been enlisted in the DELNET network, A Govt. of India initiative.

The State of the art college library is spread in almost 18,000 sq ft area with seating capacity for more than 800 students at a time with discussion chambers. Separate magazine sections provides true atmosphere for learning.



RESIDENTIAL FACILITIES

Mess/ Food Court

Clean and hygienically food prepared by well-trained chefs is served in Dining hall. We have well trained chefs who are experienced in catering North-Indian, South-Indian, Chinese, and Continental Cuisines. Air conditioned Multi-cuisine Food court is also available in the campus.



Sports and Multi-Gym

MITE has Synthetic Layered Basket ball Court, Tennis Court, and badminton court. Also, available in the campus is the 400 meter Track ground with cricket and Football ground. Separate Multi-Gym for Boys and Girls in the campus is provided to ensure Students maintain good health.



Innovation Center

MITE offers world class Video Conferencing facility through which Regular Lectures, Seminars, Technical Talks are conducted by Experts from various Industries as well as Foreign Universities. The State-of-the-art Innovation center has 120 Systems with Two-way communication for better interaction with Global Leaders.

Internet Connectivity

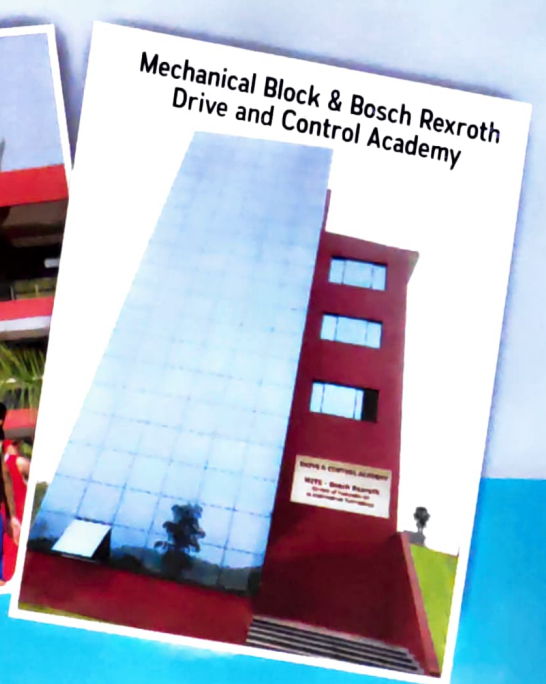
The entire campus is wi-fi enabled to provide students a better learning environment across the campus. The Campus has internet connectivity via 100 MBPS leased line.

The College Also Offers

- State-of-the-art E-Classrooms with smart board and LCD
- Full fledged A/C Labs with modern facilities
- Centralized Workshop
- Transport Facilities - Bus Facility to all the major places across DK, Udupi Dist.
- Air conditioned Food court
- ATM
- Super Market







Hostel Dining Block





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