



**MUKESH PATEL SCHOOL OF  
TECHNOLOGY MANAGEMENT &  
ENGINEERING**

# Transforming Perception



**MBA Tech**

Placement Brochure | Batch of 2021



## Vision

NMIMS will define the 21st Century Technological, Management and Organizational Research, and educate with a view to impact global developments and cadre of employable individuals.

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## Mission

NMIMS' mission is to provide to the nation, good quality trained human resources who are socially sensitive, have inquisitive minds and the persistence to change their own and the organization's lives, and contribute to making India a knowledge superior power and the world a better place to live. This we seek to achieve through educational excellence, innovative and relevant research, promoting social equality and an outreach program to ensure global access of our learning resources to all students and faculty.

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## Belief

We believe that learning is more fruitful, when knowledge & expertise of individuals from various disciplines & diverse backgrounds are shared. As this provides cutting edge to professional education, we encourage such diversity, which is reflected in the composition of the student body of the university. We also believe that innovation is the key to progress in the modern world, so in pursuit of excellence, we constantly upgrade & add newer areas of education & research to make our programs more relevant to the stakeholders. Most importantly, we believe that openness, participation & fairness are necessary for building a culture conducive to learning & growth.

# Transforming Perception

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With the successful completion of 12 years, the MBA Tech program has proved its prominence and stature in the corporate industry. The curriculum has embraced its prospering prestige and significance and victoriously established itself in the corporate world.

There is a saying "Knowledge has no value unless put to practice". Since time immemorial books are symbols of learning and knowledge and birds are not only the symbols of agility, wisdom and unison but they also represent good luck, hope in general and bright future of the students in particular. The pages and birds being white in color signifies goodness, safety and purification of both mind and soul. The prima facie objective of MPSTME is to provide a nice amalgamation of top learning and character making and thus the very theme of personification of the student's journey seems to be beautifully justified.

The image of an open book and pages turning into a bird is not just a mere picture rather an account of experiences gained by our students for the first time during their technical internship leading them to shape their desired future. The fully structured bird in the image represents our Pre-final year skilled and enthusiastic students eager to enter the corporate sectors as management interns by doing their management internship. The last bird of the image is now a fully developed bird depicting the final year students venturing into the corporate world for making the best use of their potentials and knowledge which they have achieved during their entire academic session.

Though it takes entire five years to groom a student in terms of knowledge and values both, but when they enter the corporate world as Business Leaders, capable of facing the challenges with ace and dexterity, proves that the efforts will never go in vain.

MPSTME grooms and trains students with an appropriate knowledge, enabling them to explore their vistas of opportunities which they acquire while treading through their splendid educational journey.

## Chancellor's Word

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The prolific journey of NMIMS from a management institute to a university has been the combined effort and hard work of several people. Students, who have embarked on this journey, have taken pride in being a part of this competitive environment, conducive for growth and personal and professional excellence. NMIMS has strived throughout to provide a positive influence and impact on the lives of its students and will continue to do so as it transcends.

In over 3 decades of its glorious history, NMIMS has been the alma- mater for several eminent and successful entrepreneurs, professionals and industrialists across the globe. Held by its consolidated strength and grounded traditions, NMIMS continues to be at the forefront of establishing quality education, re-aligning its principal goals with those who are associated with the institute. Keeping in mind what is best for the students, we welcome students from a multitude of disciplines and continue to focus on the conscientious blend of socially aware and aspiring students.

**Shri Amrish Patel**  
Chancellor

# Message from the Vice-Chancellor

Mukesh Patel School of Technology Management and Engineering (MPSTME), a constituent School of the NMIMS, imparts learning in the field of Engineering and Technology Management. The School has been at the forefront of innovation in technology education. In this fast-paced competitive world, industry requirements keep changing. Most organizations are looking for people with conceptual, practical knowledge and innovative capability. MPSTME aims to meet these requirements by making the students industry-ready.

In MPSTME, the curriculum is updated regularly to enhance the skills of our students. It is continuously monitored by industry experts who make recommendations for addressing the current needs of the market. Value-added training modules and certification courses are also offered as part of the course curriculum. The curriculum is formed to provide a mix of theoretical and practical knowledge with a strong emphasis on industrial application. State-of-the-art equipment is provided along with modern facilities to develop programs based on industry needs and technological developments.

MPSTME maintains strong and extensive links with the industry, ensuring that our students know about the best industry practices during the course itself. MPSTME graduates are encouraged to participate in various competitions, business case study challenges, seminars, workshops, webinars, and training programs, thus ensuring that they imbibe apt technical and managerial skills.

MBA Tech blends international pedagogy practices with contemporary industry practices and requirements. Academicians, scholars, and industry leaders have contributed to this program's design, keeping in mind the necessity of providing a broad learning spectrum across technical and managerial domains. The provision of exposure to the corporate world through seven months of intensive training through two industry internships helps align academics with industry practices and broadens students' vision.

Our alumni students have been performing excellently in the industry, thus proving to be an invaluable asset. The upcoming graduating batch in the year 2021 is awaiting the opportunities and making their mark in the corporate world to follow the alumni's footsteps and continue their profound legacy.

The success of any innovation lies in its acceptance by the user. In higher education, the user is the industry. Hence, I am sure you would continue to find value in recruiting MBA Tech graduates. We do hope that they will add value to your organization, much the same way our Alumni have done so far.

We welcome you to our campus for the placement process of bright and enthusiastic students of Batch 2021.

**Dr. Ramesh Bhatt**

Officiating Vice-Chancellor





## The Mentor Speaks

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This year, the unique MBA Techcourse completes its fifteen year. The course has constantly evolved over the past years in an attempt to achieve consonance with the constantly changing industry requirements and expectations. It gives me immense gratification to say that our alumni are making valuable contributions to their respective organisations, and are raising the bar for excellence across the industry.

MBA Tech blends international pedagogy practices with the contemporary industry practices and requirements. Academicians, scholars and industry leaders have contributed to the design of this program keeping in mind the requirement of providing a broad learning spectrum across technical and managerial domains. The provision of exposure to the corporate world through seven months of intensive training through two industry internships helps align academics with industry practices and broadens the vision of the students.

As these industry-ready students prepare to step into corporate world with the skills they have honed, I wish them luck and success.

**Dr. Jayant P. Gandhi**



## Pro Vice Chancellor's Words

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At MPSTME, it has been always our endeavor to ensure that students are exposed to relevant and updated curricula which address the industry needs and expectations. This has been possible due to wide industry participation on academic bodies of the school as well as the university. This along with the initiatives of the SVKM and NMIMS like opportunities for experiential learning, soft skill training throughout the four years, aptitude training, encouragement to participate in co-curricular and extra-curricular activities, well planned internships, results in well-rounded students ready to take on industry challenges from day one. I am sure that with this background, exposure and learning experience, graduates from the school will surpass expectations and contribute to the growth and development of the organisations in particular and the country in general. I invite the corporate world to share our efforts in nurturing and developing tomorrow's leadership.

**Dr. Sharad Mhaiskar**



## The Dean's Desk

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At the Mukesh Patel School of Technology Management & Engineering (MPSTME), we strongly believe in nurturing the potential of every student through a robust & choice-based quality education system. The pedagogy adopted is innovative, the curriculum relevant and the learning experiential. A strong connect with the industry, state of the art infrastructure, strong research culture, internships and project-based learning ensure that our graduates are industry ready professionals. The presence of experts from the industry and academia on our academic bodies and their active participation in all strategic and decision-making processes further strengthen the high academic standards set by the SVKM and the NMIMS University.

Over the years our MBA Tech programme has passed the test of time and proved its relevance to the industry. The sound technical base in the initial years and the strong managerial grooming in the later years give the best of both worlds to the graduates. The success of our alumni placed in top notch companies' world over bear testimony to the fact.

This brochure is an attempt to acquaint you with our systems and processes, giving you a flavour of what the MBA Tech programme and MPSTME is all about.

It is a pleasure to invite you to participate in the campus placement process this year. For us it goes beyond that and is more of a relationship building exercise that is mutually rewarding. We look forward to interacting with you and taking the relationship one step forward.

**Dr. Alka Mahajan**



## The Associate Dean

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The year 2020 has been a very special year for everyone living on this planet. The unstoppable Corona virus has got us all thinking about health, family, economy, careers, professions, food and national security, all in one go. In these testing times, the need for holistic thinking with integration of technology, health, management, and a disciplined society was accentuated. It became even more evident that the world does not exist in silos, the solution to the problems should also be tackled from multiple perspectives, in a well-coordinated manner.

The MBA Tech is one such program that gives the student a balance of Technology, Innovation and Business Management inputs to develop the student as a multiskilled person who will grow with value-based systems and processes. The integrated approach of the program gives the students an opportunity to excel in an engineering field of their choice and top it with the Business and Management skills. This empowers the students to leverage their skills in using the latest technologies for contributing to the growth parameters of the organizations they work for.

I am sure that this batch of students will be even more focussed towards their professional life and would take up their professional careers as a mission for our Nation's health, wealth and happiness."

**Dr. Anuja Agarwal**

# SVKM's NMIMS

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NMIMS has imbibed the core values of innovation to create Techno-Managers who have the overall knowledge and insights in both avenues to create and re-create business opportunities. NMIMS University stands true to its motto of "Transcending Horizons", where the impeccable blend of technology and management in complete synergy assist the students to transcend brilliance as the "The Quintessential MBA Tech".

Formed in 1934, SVKM now boasts a world class web of educational institutes imparting competitive skills to more than 40000 students. Narsee Monjee Institute of Management Studies (NMIMS) is one of the premier universities of higher education and research in India, with more than 30 years of commitment to quality education. Today, it stands as a large imposing University with 8 specialized schools, with an intake of over 9000 students and over 300 full time faculty members.

NMIMS has always been a dynamic innovator in the field of educational services and has always catered to the needs of the industry by rolling out courses that are the need of the industry. We proudly present to you the best combination of talent that every company would like to avail of - The MBA Tech".





# About MPSTME

The Mukesh Patel School of Technology & Management Studies (MPSTME) came into existence in 2006-07 with the entry of the third batch of MBA Tech innovative programme started in 2004. The MPSTME campus in Mumbai stands tall as a shining metaphor of India's progress in the field of education.

## Vision

Play a distinct role in providing excellence in engineering and management education thereby creating human resources of value to industry and society both at national and international level.

## Mission

- Formulate relevant curriculum through strong industry linkages and interaction
- Ensure quality of education through pedagogical innovations
- Undertake and promote relevant research
- Ensure multifaceted development of students, faculty and staff through continuous introspection and inputs
- Set up the international linkages with Institutes / industry of repute

## Major Recognitions

- NMIMS has been declared as "Category - 1" University in the Graded Autonomy institutions category declared by UGC/MHRD.
- NMIMS Re-accredited by NAAC as "A+" Grade with 3.59 CGPA (Mumbai Campus).
- Program Approved by AICTE
- Ranked 14 among top 200 best private engineering colleges in India
- Awarded Best Institute with Academic and Industry Interface at World HRD Congress 2019.
- Ranked 110 in India's Top Engineering Institutions and Top 5 in Maharashtra's Private Engineering Colleges by NIRF 2019.

- Education Leadership Award by ET Now Business Leader of the year 2020
- Ranked 2nd Top Emerging Private Engineering Colleges of this century by INDIA TODAY 2019
- Best Institute with Academic and Industry Interface Awarded at World HRD Congress 2019

The MBA Tech curriculum covers engineering courses in selected disciplines and the management courses relevant to that technology area. It is an integration of technology and management with the higher proportions of technological inputs in the initial stages and moving towards 'Technology Management' in the later stages of the course. SVKM's NMIMS has a reputation of producing the brightest students. In line with this legacy, the faculty members for MPSTME's programmes are characterized by high levels of learnedness and orientation towards research. They work hard to extract excellence from the students.

## Vision

"Nurturing Leaders who can leverage appropriate Technology for Business goals."

## Mission

- To become the most preferred institution proving a blend of Engineering, Technology and Management learnings, through
- Continuously evolving curriculum to meet the diverse and distinct global market needs
  - Proficient faculty with a blend of industry experience and academic expertise
  - State-of-the-art infrastructure
  - International linkages with institutes and industries of repute
  - Core values of Innovation, Entrepreneurship, Initiative, Collaboration, Excellence and Relationships

ACCREDITED BY  
**NAAC**

WITH 3.59 CGPA & GRADE A+ IN THE 3RD CYCLE

SURPASSING BENCHMARKS... YET AGAIN

- Visionary Leadership • Academic Excellence
- Rapidly growing research output • Committed faculty
- Outstanding contribution of alumni and industry

(Accreditation for Mumbai Campus)

# Centre of Excellence

In addition to facilities at the main campus of NMIMS, Mukesh Patel School of Technology Management & Engineering has a separate building with approx. 1,20,000 sq. ft. area, which is a walking distance from the main campus. Administrative Block, faculty areas and other state-of-the-art facilities are present in this building.

NMIMS with its state-of-the-art library has progressed a great deal by acquiring different kinds of documents especially e-forms, cataloguing & processing them appropriately, storing and giving access to its patrons not only in library premises, but also on the desktops from any part of the world. The library database (OPAC), which is currently on intranet, gives detailed information about library resources including books (over 41,000), journals (315), e-journals (over 5000), databases (25) and technical reports with different search tools for its users. Users can have access to more than 5000 full text journals covering titles published by Elsevier (Science Direct), Springer, John Wiley, etc. and from the aggregators like Ebsco and Proquest. Links to various databases like CMIE, Capital Markets, ISI Emerging Markets are also made available through OPAC. The Learning Resource provides a number of innovative information services including Journal Content Service, News Clipping Service and Monthly Documents Additions Lists.

## EMC Lab

MPSTME has an academic tie up with EMC - the world leader in storage products. Also, EMC storage equipment has been purchased to enable students to get hands on experience in Infrastructure Systems Management. The course work is designed around EMC prescribed course work. This helps students get EMC certification easily, which helps in placement in top companies.

## Mechatronics & Robotics Lab

MPSTME and Technophilia - iCarnegie signed a MoU for setting up Centre for Robotics and Embedded Systems Excellence. The lab will enable students to take up iCarnegie certification programs. Training using this facility will help MPSTME students become industry ready.

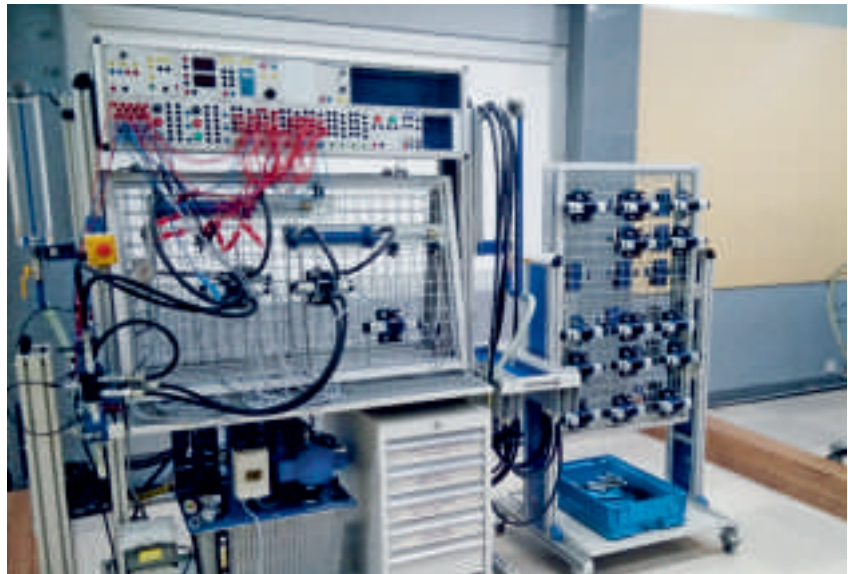
## Cisco Lab

Cisco Networking Academy is a global education program that teaches students how to design, build, troubleshoot, and secure computer networks for increased access to career and economic opportunities in communities around the world. Mukesh Patel School of Technology Management & Engineering (MPSTME) is the authorized Centre of Cisco Network Academy in Mumbai. We offer training for CCNA Exploration leading to industry recognized CCNA certification. MPSTME has a well-established lab having Cisco 2800 series routers, Cisco 3560 and 2960 switches and other related equipment to conduct training for CCNA exploration.



## Bosch Lab

MPSTME has established 'Centre of Excellence in Industrial Automation Technologies' in collaboration with BOSCH, Germany, to set up well equipped laboratories with state-of-the-art facilities for Hydraulics, Electro pneumatic, PLCs, Sensorics, CNC, Mechatronics and Robotics courses. The equipment's are same as that used in industry and will be used for teaching, research and training purpose. This will be one of the exclusive facilities in the western region of the country.



## 3D Printing LAB

3D Printing is a process for making a physical object from a three-dimensional digital model, typically by laying down many successive thin layers of a material. It brings a digital object (its CAD representation) into its physical form by adding layer by layer of materials. There are several different types of 3d printing technology. Out of which we have 3 i.e FDM, SLA and SLS.



## PLC and Sensorics Lab

A PROGRAMMABLE LOGIC CONTROLLER, PLC OR PROGRAMMABLE CONTROLLER is a digital computer used for automation of typically industrial electromechanical processes, such as control of machinery on factory assembly lines, amusement rides, or light fixtures. PLCs are used in many industries and machines. PLCs are designed for multiple analogue and digital inputs and output arrangements, extended temperature ranges, immunity to electrical noise, and resistance to vibration and impact.

## **Advance communication lab & Wireless communication lab**

The Advanced Communication System Laboratory covers design and verification of the concepts of modern communication systems that operates in MHz-THz range. The main focus of the Advanced Communication System (ACS) Laboratory is to design next-generation wireless technologies and mobile computing systems. In particular, ACS Laboratory conducts research in the broad area of communication theory, wireless communications and networks, with focus on the physical layer and optical communication systems – Optical fibre based and integrated photonic waveguides based.

## **Bloomberg**

NMIMS is now one of the few colleges in the country with access to the Bloomberg Terminal, and it is indeed a moment of pride for NMIMS. The Bloomberg Lab at NMIMS gives the opportunity to students to be well informed about the business world. Bloomberg is a major global provider of 24-hour financial news and information, including real-time and historic price data, financial data, trading news and analyst coverage, as well as general news and sports. By launching the Bloomberg Terminal our students are provided with exposure that endows them with a competitive edge over all others.

## **Digital electronics lab & Power electronics lab**

The power electronics lab enhances the EEE students by providing them the better understanding of the concepts and working of advanced power semiconductor devices and power electronics circuits.

## **Electrical Machines Lab**

In Order to give Practical approach to the students for the theoretical topics studied by the students in the class room, Electrical Machine laboratory is having a well-organized infrastructure. The lab is having all the Machine set up, which is very user friendly where students can perform all the practical on their own. Keeping the track of latest trends in the field, the lab is having latest drive control modules.

## **CIVIL: Geotechnical Engineering Laboratory & Hydraulic Machinery Laboratory**

The purpose of Fluid Mechanics and Hydraulic Machines laboratory is to reinforce and enhance understanding of the fundamentals of fluid mechanics and hydraulic machines. The experiments here are designed to demonstrate the applications of the basic fluid mechanics principles and to provide a more intuitive and physical understanding of the theory.



# Holistic Development

At MPSTME, we believe that transparent knowledge and hands-on-learning are critical components that hold the keys to success. We encourage an influx of creativity to come up with truly proactive and innovative thoughts which make the students business-ready. MPSTME has various avenues for its students to explore their areas of interest and participate in a wide pool of activities happening throughout the year.

## NMIMS's Business Analytics and Data Mining Championship 2019

It marked its third year successfully with triple grandiosity and fervour held on 10th-12th Oct 2019 at NMIMS, Mumbai Campus. The Biggest hunt of Data Science Talent, spanned across India had participants from top premier institutes across engineering, management and other streams unleashed the brightest students who are highly enthusiastic about data science and analytics under one roof. It enabled the participants to assess the problem solving and statistical awareness. This championship was held by SAS in collaboration with NMIMS.



## Facebook Developer's Circles

MPSTME students' council research cell organized Facebook Developer Conference on 18th February 2019, in collaboration with Facebook, which resulted into Mumbai's biggest ever developer conference. It was one of its kind conferences, where students were able to interact with renowned personalities, such as Facebook's South Asia Head - Satyajeeet Singh, who spoke on topics related to Upcoming Technology and Business Management.

## Findrome Panel Discussion

The Panel Discussion is the flagship event of FinDrome, the Finance Cell of NMIMS MPSTME. The cell organised a session on "Disruption in Brick and Mortar Banking to Digital Banking". The Chief guest and key note speaker of the event was Mr. V G Kannan, Chief Executive of Indian Banks Association who spoke on "Insolvency and Bankruptcy Code 2016- Impact on Banking Landscape".

The other panellists of the event were Mr A.P. Raja- Ex- Assistant General Manager, State Bank Group; Mr Sanjay Doshi- Partner - Deal Advisory, KPMG India; Mr Angad Roy- CFO- ASREC India Ltd; Mr Umesh Arora- Head Retail Assets & SBB, Axis Bank.



## Comics for Change

In order to take a step towards driving positive action around the 17 Sustainable Development Goals set by The United Nations, our college hosted "Comics For Change", an attempt to build an ecosystem that encourages and fosters conversations for future leaders and key industry catalysts - through one of the most effective tools: Humour. This initiative was supported by the United Nations and the Kailash Satyarthi Children's Foundation with the Nobel Peace Prize Winner Mr. Kailash Satyarthi himself being a keynote speaker and Guest of Honour. It brought together three generations of comics on one platform to raise awareness about the Sustainable Development Goals. The comics also helped start relevant social conversations amongst the youth and ignite the flame of sustainable responsibility that they will carry with them wherever they go.



# International and National Achievements

## Tata Power Quest

Power Quest is Tata Power's Annual Business Competition. Students from Premier B-Schools are invited to form teams and render their thoughts to action. It gives an avenue to students to work on real life business challenges, channelize their ingenuity and prove their intellect and business acumen. The winning team is given an opportunity to be associated with Tata Power for the summer internship programme. Students of NMIMS MPSTME competed with other premier B Schools and were declared winners of the Power Quest 2019 Season 1.



## V-Guard- Big Idea Contest 2019

The Big Idea contest is an annual B-Plan contest organized by V-Guard Industries Limited that aims to bring the corporate expertise & academic intelligence to a common arena, wherein the proposed strategy for V-Guard are discussed, studied, brainstormed and awarded. It also creates opportunities for interaction with top leaders of V-Guard, wherein the young minds can discuss and understand the business challenges to fine tune their thought process and cultivate a thought leadership among them. Students from MPSTME at NMIMS University finished the competition as Second Runner ups.



## OnePlus ET Prime Intellect

The inaugural edition of OnePlus ET Prime Intellect was launched in January 2020. The initiative is to find the most innovative and creative management graduates from the upcoming pool of business minds. Modelled as a case study competition, the program gives an opportunity to the management students to experience real-life business problems and the complexities associated with the process of solving those business challenges. The challenge features a very relevant case study of electric mobility. The 2phase program received 11000+ participation. Our student participated in this case study competition and was amongst the top 27 winners announced by them.



## John Molson MBA International Case Competition

Our students had the honour of representing NMIMS University at the 39th John Molson MBA International Case Competition as the only Indian University. Held in Montréal, Canada the competition saw 36 teams from 18 countries battle it out over 5 days for the Concordia Cup. For the competition, the teams are required to take on the roles of Management Consultants and provide innovative solutions to the business problems provided. With the theme: The Future of Business.

## E-Summit 2020

E-summit is a conclave of competitions, workshops, panel discussions and speeches from the biggest names in the world of business. This year, the E-Summit sets out to champion the maniacs and misfits that refused the routine and achieved breakthroughs. Our students participated in the Software Track Challenge, which had a pre-defined problem statement for which hackers had to come up with their best solution in 30 hours and the most efficient and practical solution was announced the winner. Our students not only won the competition but also got a cash prize of 50,000 rupees.



## 3 Marketeers 2019

Our students secured the first place at 3 Marketeers 2019 - A National Level Marketing competition organised by Institute of Management Technology, (IMT) Ghaziabad on 13 October, 2019. The competition was filled with challenges, thrill and much more. It was based on how to market an idea in a way that it leaves an everlasting 'mark' on everyone's mind. The team was mentored by Prof. Yashodhan Karulkar & Prof. Ramanan Balakrishnan.



# Industry - Institute Linkages

## IIT Mumbai Remote Centre

IIT Mumbai Remote Centre Computer Engineering department has managed to get the IIT Bombay 'Remote Centre' status for MPSTME, Mumbai campus. MPSTME is identified as 'Remote Centre' by IIT Bombay to conduct the IIT Bombay workshops (using video conferencing) approved by MHRD and ISTE. This makes our school a part of the National project managed by MHRD and IIT Bombay known as "National Mission on Education through ICT. Empowerment of Students and Teachers through Synchronous and Asynchronous Instruction".

## Linkages Abroad

Collaboration between like-minded partners in academics greatly enhances the quality of teaching and gives students an incredible platform to rise. Moreover, active international partnerships lead to exciting opportunities for faculty and students and provide an environment for high quality research.

The NMIMS '**Department of International Linkages**' fosters partnerships with premier institutions around the world to facilitate student and faculty exchange, research collaboration and cross-cultural learning. This initiative greatly enhances NMIMS standing as a world-class institution and is the perfect step to realize its vision to be a globally admired University by 2030.

To boost the confidence of students and to give them an opportunity to see the world, take in a new culture, hone language skills, discover new interests and make new friendships, Student Exchange program is facilitated through 'Short Term Mobility' & 'Long Term Mobility'. With more than 50 Partner Institutions, NMIMS ensures that students get the much-needed international exposure to add more value to their studies.

## Industrial Training & Project Work

The students pursue 2 internships during the 5 Years course. At the end of the 3rd Year students have to take up a Technical Internship for duration of 8 weeks where they get familiarized with the overall working of the Industrial Organization in their respective area of engineering specialization & also to undertake a project. Similarly, they undergo a 19 weeks Management Internship at the end of 4th Year which enhances the students' managerial skills & promote a strong bonding with the industry.

Both the internships mentioned above carry full credits and the students are evaluated based on their training performance, their project report & their performance in the subsequent presentation / viva examination.

## Our Partner Universities:

- University of New South Wales (UNSW)
- Purdue University
- Stevens Institute of Technology
- Virginia Tech
- Florida International University
- University of Missouri
- University of South Wales
- University of South Australia
- Dalhousie University
- Western Sydney University
- University of Leeds
- Clark University
- University of Dallas
- Illinois Institute of Technology
- University of Canberra
- University of Bristol
- University of Wollongong and many more ...



# Information Technology

## First Year

| Semester I   | Semester II   |
|--|---|
| Mathematics-I<br>Programming for Problem Solving<br>Chemistry<br>Workshop / Manufacturing Practices<br>English | Mathematics-II<br>Basic Electrical Engineering<br>Physics<br>Engineering Graphics & Design<br>Constitution of India |

## Second Year

| Semester III  | Semester IV  |
|---|--|
| Engineering Mathematics - III<br>Signals and Systems<br>Digital Logic & System Design<br>Data Structures and Algorithms<br>Database Management Systems<br>Web Programming<br>Principles of Economics and Management<br>Management | Engineering Mathematics - IV<br>Elements of Biology<br>Operating Systems<br>Computer Networks<br>Computer Organization & Architecture<br>Object Oriented Programming<br>Presentation and Communication Techniques<br>Economics and Essence of Indian Traditional Knowledge |

## Third Year

| Semester V   | Semester VI  |
|--|--|
| Embedded Systems<br>Introduction to Cybersecurity<br>Software Engineering<br>Data Warehousing & Mining<br>Internet of Things<br><br><b>Elective - I (Any One)</b> <ul style="list-style-type: none"><li>Advanced Web Programming</li><li>Machine Learning</li><li>Database Administration</li><li>Advanced Data Structures</li><li>Image Processing</li></ul> Research Methodology<br>Professional Ethics and Legal Aspects<br>Environmental Studies | Human Computer Interaction<br>Cloud Computing<br>Mobile Application Development<br><b>Elective - II (Any One)</b> <ul style="list-style-type: none"><li>Artificial Intelligence and Robotics</li><li>Distributed Systems</li><li>Advanced Database Management Systems</li></ul> <b>Open Elective - I (Any One)</b> <ul style="list-style-type: none"><li>Information and Communication Technology for Development</li><li>Cybersecurity for Non-IT</li></ul> Foundation of Information Systems<br>Management Accounting for Engineers <ul style="list-style-type: none"><li>Software Testing</li></ul> Software Project Management <ul style="list-style-type: none"><li>System Administration</li><li>Software Project Management</li><li>System Administration</li></ul> |

## Fourth Year

| Semester VII   | Semester VIII   |
|--|---|
| Technical Internship<br><b>Elective I (Any One)</b> <ul style="list-style-type: none"> <li>• Data Warehousing and Mining</li> <li>• Software Quality Assurance</li> </ul> <b>Elective II (Any One)</b> <ul style="list-style-type: none"> <li>• Artificial Intelligence</li> <li>• Information Storage Management</li> <li>• Multimedia Systems</li> <li>• Mobile Computing</li> </ul> <b>Project I</b><br>Operations Management<br>Organizational Behaviour<br>Information System Management<br>Financial Analysis and Working Capital Management<br>Legal Aspect of Business<br>Marketing Management<br>Business Analytics for Decision Making<br>Design Thinking and Innovation - I | <b>Elective - III (Any One)</b> <ul style="list-style-type: none"> <li>• Advanced Database Management Systems</li> <li>• Image Processing</li> <li>• Embedded Systems</li> <li>• Advanced Computer Networks</li> </ul> <b>Project-II</b><br>Business Research Methods<br>Corporate Communication<br>Human Resource Management<br>Design Thinking and Innovation - II<br>Industrial Marketing<br>Financial Management<br>Technology Management |

## Fifth Year

| Semester IX  | Semester X   |
|--|--|
| Management Internship Programme<br>Quantitative Techniques<br>Capstone Project - I<br>Elective-1<br>Elective-2<br>Elective-3<br>Elective-4 | Foreign Language (Any One - Chinese / Spanish / German)<br>Capstone Project - II<br>Strategic Management<br>Elective-1<br>Elective-2<br>Elective-3<br>Elective-4 |



# Computer

## First Year

| Semester I                         | Semester II                   |
|------------------------------------|-------------------------------|
| Mathematics-I                      | Mathematics-II                |
| Programming for Problem Solving    | Basic Electrical Engineering  |
| Chemistry                          | Physics                       |
| Workshop / Manufacturing Practices | Engineering Graphics & Design |
| English                            | Constitution of India         |

## Second Year

| Semester III                           | Semester IV                               |
|--|---|
| Mathematics III                        | Elements of Biology                       |
| Digital Logic Design                   | Computer Organization and Architecture    |
| Discrete Mathematics                   | Operating System                          |
| Data Structures                        | Theoretical Computer Science              |
| Object Oriented Programming            | Database Management System                |
| Environmental Studies                  | Programming Language                      |
| Principles of Economics and Management | Presentation and Communication Techniques |

## Third Year

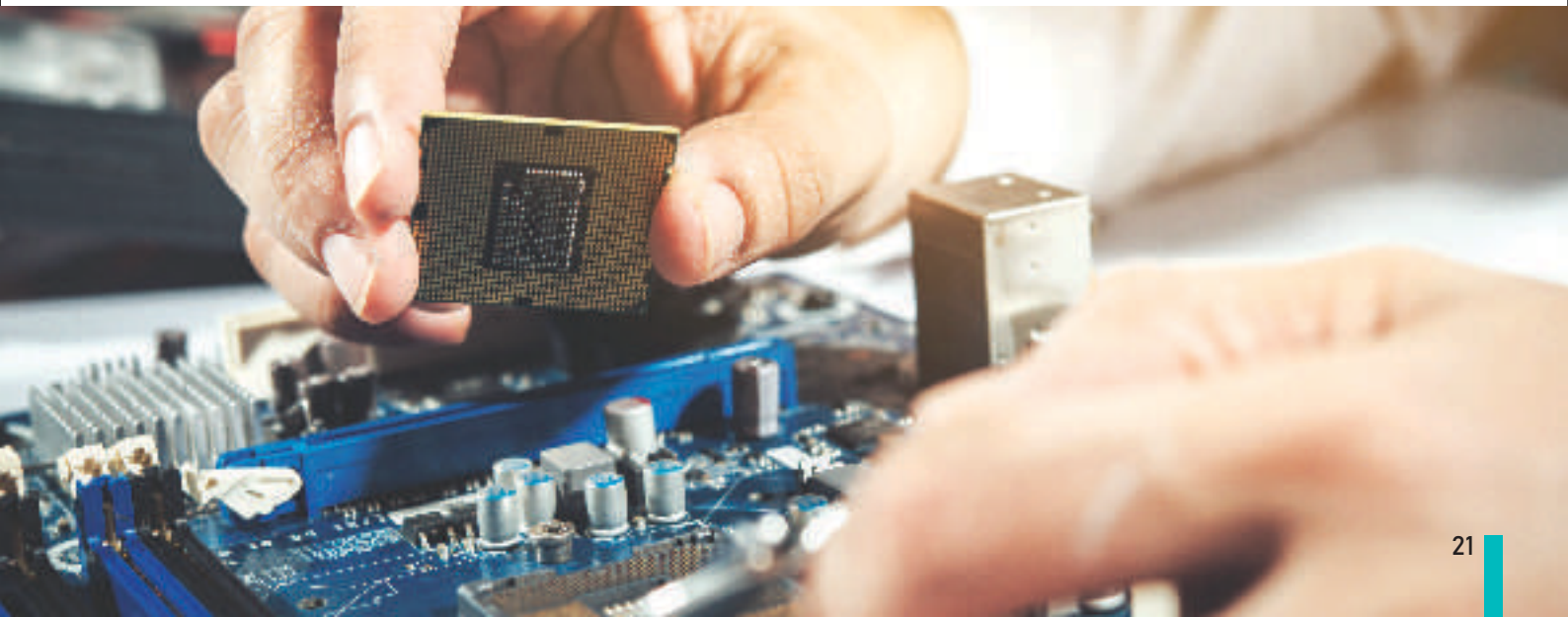
| Semester V  | Semester VI  |
|---|--|
| Design and Analysis of Algorithms   | Artificial Intelligence  |
| Image Processing  | Unix Programming   |
| Computer Networks   | Software Engineering   |
| Data Mining   | Technical Paper Reading and Writing Skills   |
| Web Programming   | Essence of Indian Traditional Knowledge  |
| <b>Department Elective-I</b>  | <b>Department Elective-II</b>  |
| <ul style="list-style-type: none"><li>• Advanced Computer Networks</li><li>• Soft Computing</li><li>• Advanced Database Management System</li><li>• Advanced Web Programming</li><li>• Object Oriented Software Engineering</li><li>• Web Security</li><li>• Advanced Image Processing</li><li>• Human Computer Interface</li><li>• Computer Graphics</li></ul> | <ul style="list-style-type: none"><li>• Mobile Computing</li><li>• Machine Learning</li><li>• Software Architecture</li><li>• Database Security</li><li>• Computer Vision</li><li>• Fundamentals of Blockchain</li><li>• Information Storage and Management</li><li>• Advanced Computer Architecture</li></ul> |
| Professional Ethics and Legal Aspects   | Management Accounting for Engineers  |

## Fourth Year

| Semester VII   | Semester VIII  |
|--|--|
| Technical Internship<br>System Security<br>Elements of Biology<br>Project Phase - I<br><b>Elective I (Any One)</b> <ul style="list-style-type: none"> <li>• Data Warehousing &amp; Mining</li> <li>• Image Processing</li> <li>• E-commerce</li> <li>• Advanced Algorithms</li> <li>• Parallel Processing</li> </ul> Operations Management<br>Organizational Behaviour<br>Information System Management<br>Financial Analysis and Working Capital Management<br>Legal Aspect of Business<br>Marketing Management<br>Business Analytics for Decision Making<br>Design Thinking and Innovation – I | <b>Elective - III (Any One)</b><br>Numerical Methods<br>Project Phase - II<br><b>Elective II (Any One)</b> <ul style="list-style-type: none"> <li>• Software Quality Assurance</li> <li>• Soft Computing</li> <li>• Service Oriented Architecture</li> <li>• Biometric Applications</li> </ul> Business Research Methods<br>Corporate Communication<br>Human Resource Management<br>Design Thinking and Innovation - II<br>Industrial Marketing<br>Financial Management<br>Technology Management |

## Fifth Year

| Semester IX  | Semester X   |
|--|--|
| Management Internship Programme<br>Quantitative Techniques<br>Capstone Project - I<br>Elective-1<br>Elective-2<br>Elective-3<br>Elective-4 | Foreign Language (Any One - Chinese / Spanish / German)<br>Capstone Project - II<br>Strategic Management<br>Elective-1<br>Elective-2<br>Elective-3<br>Elective-4 |



# Electronics & Telecommunication

## First Year

| Semester I   | Semester II   |
|--|---|
| Mathematics-I<br>Programming for Problem Solving<br>Chemistry<br>Workshop / Manufacturing Practices<br>English | Mathematics-II<br>Basic Electrical Engineering<br>Physics<br>Engineering Graphics & Design<br>Constitution of India |

## Second Year

| Semester III  | Semester IV  |
|---|--|
| Mathematics-III<br>Electronic Devices<br>Digital System Design<br>Signals and Systems<br>Circuit and Network Theory<br>Electromagnetic Field Theory<br>Principles of Economics and Management | Probability and Stochastic Processes<br>Analog Circuits<br>Microprocessor and Microcontroller<br>Database Management Systems<br>Control System Engineering<br>Microwave and Antenna Theory<br>Essence of Indian Traditional Knowledge<br>Study of Technology Trends<br>Presentation and Communication Techniques |

## Third Year

| Semester V  | Semester VI  |
|---|--|
| Elements of Biology<br>Analog and Digital Communication<br>Discrete Time Signal Processing<br>Statistical Methods and Analysis<br><b>Departmental Elective -1 (Choose Any One)</b> <ul style="list-style-type: none"><li>• Power Electronics</li><li>• Computational Methods</li><li>• Industrial Automation</li><li>• Image and Video Processing</li></ul> Minor Project<br>Environmental Studies<br>Professional Ethics and Legal Aspects | Fiber Optic Communication and Networks<br>Computer Networks<br>Digital Voice and Broadband Communication<br>Wireless Communication<br><b>Departmental Elective- 2 (Choose Any One)</b> <ul style="list-style-type: none"><li>• VLSI Design and Technology</li><li>• Introduction to Nana-electronics</li><li>• Satellite Communication and Radar</li><li>• Machine Learning</li><li>• Information Theory and Coding</li></ul> <b>Open Elective-1 (Choose Any One)</b> <ul style="list-style-type: none"><li>• Electronic Communication Systems</li><li>• Industrial Electronics</li><li>• Research Methodology</li></ul> Management Accounting for Engineers |

## Fourth Year

| Semester VII   | Semester VIII  |
|--|--|
| Technical Internship<br>Digital Voice and Broadband Communication<br>Wireless Communication Technology<br>Project Phase I<br>Operations Management<br>Organizational Behaviour<br>Information System Management<br>Financial Analysis and Working Capital Management<br>Legal Aspect of Business<br>Marketing Management<br>Business Analytics for Decision Making<br>Design Thinking and Innovation - I | Network Design and Planning<br>Project Phase II<br><b>Elective I (Choose Any One)</b> <ul style="list-style-type: none"><li>• Introduction to Automation</li><li>• Machine Learning</li><li>• VLSI Design and Technology</li></ul> Business Research Methods<br>Corporate Communication<br>Human Resource Management<br>Design Thinking and Innovation - II<br>Industrial Marketing<br>Financial Management<br>Technology Management |

## Fifth Year

| Semester IX  | Semester X   |
|--|--|
| Management Internship Programme<br>Quantitative Techniques<br>Capstone Project - I<br>Elective-1<br>Elective-2<br>Elective-3<br>Elective-4 | Foreign Language (Any One - Chinese / Spanish / German)<br>Capstone Project - II<br>Strategic Management<br>Elective-1<br>Elective-2<br>Elective-3<br>Elective-4 |



# Chemical

## First Year

| Semester I   | Semester II   |
|--|---|
| Mathematics-I<br>Programming for Problem Solving<br>Chemistry<br>Workshop / Manufacturing Practices<br>English | Mathematics-II<br>Basic Electrical Engineering<br>Physics<br>Engineering Graphics & Design<br>Constitution of India |

## Second Year

| Semester III  | Semester IV   |
|---|---|
| Advanced Chemistry<br>Engineering & Solid Mechanics<br>Chemical Engineering Thermodynamics<br>Material and Energy Balance Computations<br>Fluid Mechanics<br>Heat Transfer Operations<br>Principles of Economics and Management | Engineering Mathematics<br>Elements of Biology<br>Material Science<br>Mass Transfer Operations I<br>Inorganic Process Technologies<br>Solid Fluid Mechanical Operations<br>Environmental Studies<br>Presentation and Communication Techniques |

## Third Year

| Semester V   | Semester VI   |
|--|---|
| Elements of Biology<br>Organic Process Technologies<br>Mass Transfer Operations II<br>Process Equipment & Accessories Design<br>Chemical Reaction Engineering I<br>Plant Utilities<br><b>Core Elective I (Choose any One)</b> <ul style="list-style-type: none"><li>• Polymer Technology</li><li>• Conventional Energy &amp; Process Integration</li><li>• Fluidization Engineering</li></ul> Essence of Indian Traditional Knowledge<br>Professional Ethics and Legal Aspects | Instrumentation and Process Control<br>Chemical Reaction Engineering II<br>Environmental Engineering<br>Process Simulation<br>Industrial Safety<br><b>Core Elective II (Choose any One)</b> <ul style="list-style-type: none"><li>• Petroleum Refining Technology</li><li>• Operation Research for Chemical Engineers</li><li>• Advanced Separation Techniques</li></ul> <b>Core Elective III (Choose any One)</b> <ul style="list-style-type: none"><li>• Nanotechnology</li><li>• Energy Management</li><li>• Optimization Methods</li></ul> <b>Open Elective I</b> <ul style="list-style-type: none"><li>• Sustainable Energy Technologies</li><li>• Management Accounting for Engineers</li></ul> |



## Fourth Year

| Semester VII                                      | Semester VIII                       |
|---|-------------------------------------|
| Technical Internship                              | Economics of Chemical Projects      |
| Environmental Engineering                         | Seminar I                           |
| Project and Process Engineering                   | <b>Elective (Choose any One)</b>    |
| Operations Management                             | • Food Processing                   |
| Organizational Behaviour                          | • Petroleum Refining Technology     |
| Information System Management                     | • Biochemical Engineering           |
| Financial Analysis and Working Capital Management | Business Research Methods           |
| Legal Aspect of Business                          | Corporate Communication             |
| Marketing Management                              | Human Resource Management           |
| Business Analytics for Decision Making            | Design Thinking and Innovation - II |
| Design Thinking and Innovation - I                | Industrial Marketing                |
|   | Financial Management                |
|   | Technology Management               |

## Fifth Year

| Semester IX                     | Semester X  |
|---------------------------------|---|
| Management Internship Programme | Foreign Language (Any One - Chinese / Spanish / German) |
| Quantitative Techniques         | Capstone Project - II                                   |
| Capstone Project - I            | Strategic Management                                    |
| Elective-1                      | Elective-1  |
| Elective-2                      | Elective-2  |
| Elective-3                      | Elective-3  |
| Elective-4                      | Elective-4  |



# Civil

## First Year

| Semester I   | Semester II   |
|--|---|
| Mathematics-I<br>Programming for Problem Solving<br>Chemistry<br>Workshop / Manufacturing Practices<br>English | Mathematics-II<br>Basic Electrical Engineering<br>Physics<br>Engineering Graphics & Design<br>Constitution of India |

## Second Year

| Semester III   | Semester IV  |
|--|--|
| Mathematics - III<br>Geology<br>Engineering Mechanics<br>Introduction to Civil Engineering<br>Building Design and Drawing<br>Environmental Studies<br>Principles of Economics and Management | Numerical & Statistical Methods<br>Soil Mechanics<br>Surveying<br>Mechanics of Materials<br>Fluid Mechanics and Hydraulics<br>Construction Equipment and Techniques<br>Projects on Building Planning and Design<br>Presentation and Communication Techniques |

## Third Year

| Semester V  | Semester VI   |
|---|---|
| Theory of Structures<br>Hydraulics and Fluid Machinery<br>Foundation Engineering<br>Environmental Engineering<br>Concrete Technology<br>Transportation Engineering<br>Elements of Biology<br>Supplementary Instructions on Water Resources and Environmental Engineering<br>Professional Ethics and Legal Aspects | Design of Steel Structures<br>Limit State Design of Reinforced Concrete Structures<br>Workshop on Foundation Engineering<br>Research Methodology<br><b>Professional Elective - I</b> <ul style="list-style-type: none"><li>• Analysis of Structures</li><li>• Open Channel Flow</li><li>• Advanced Geotechnical Engineering</li><li>• Advanced Construction Techniques</li></ul> <b>Professional Elective - II</b><br><b>Prestressed Concrete</b><br><b>Advanced Solid Mechanics</b><br><b>Finite Element Analysis</b><br>Irrigation Engineering<br>Advanced Water and Wastewater Treatment<br>Applied Hydrology<br>Application of Field Geology in Civil Engineering<br>Soil Investigation and Instrumentation<br>Pavement Subgrade Materials<br>Construction Economics and Finance Management<br>Construction Contracts and Administration<br>Advanced Surveying<br>Management Accounting for Engineers |

## Fourth Year

| Semester VII   | Semester VIII  |
|--|--|
| Technical Internship                                   | Quantity Surveying, Estimation and Valuation         |
| Theory of Reinforced concrete and Prestressed Concrete | Limit State Design of Reinforced Concrete Structures |
| Construction Equipment and Techniques                  | Project - II   |
| Project - I  | Business Research Methods                            |
| Operations Management                                  | Corporate Communication                              |
| Organizational Behaviour                               | Human Resource Management                            |
| Information System Management                          | Design Thinking and Innovation - II                  |
| Financial Analysis and Working Capital Management      | Industrial Marketing                                 |
| Legal Aspect of Business                               | Financial Management                                 |
| Marketing Management                                   | Technology Management                                |
| Business Analytics for Decision Making                 |  |
| Design Thinking and Innovation - I                     |  |

## Fifth Year

| Semester IX                     | Semester X  |
|---------------------------------|---|
| Management Internship Programme | Foreign Language (Any One - Chinese / Spanish / German) |
| Quantitative Techniques         | Capstone Project - II                                   |
| Capstone Project - I            | Strategic Management                                    |
| Elective-1                      | Elective-1  |
| Elective-2                      | Elective-2  |
| Elective-3                      | Elective-3  |
| Elective-4                      | Elective-4  |



# Mechanical

## First Year

| Semester I   | Semester II   |
|--|---|
| Mathematics-I<br>Programming for Problem Solving<br>Chemistry<br>Workshop / Manufacturing Practices<br>English | Mathematics-II<br>Basic Electrical Engineering<br>Physics<br>Engineering Graphics & Design<br>Constitution of India |

## Second Year

| Semester III  | Semester IV   |
|---|---|
| Mathematics - III<br>Machine Drawing<br>Manufacturing Processes - I<br>Machine Shop - I<br>Elements of Biology<br>Engineering Mechanics<br>Principles of Economics and Management | Numerical and Statistical Methods<br>Theory of Machines - I<br>Materials Engineering<br>Engineering Thermodynamics<br>Manufacturing Processes - II<br>Machine Shop - II<br>Environmental Studies<br>Presentation and Communication Techniques |

## Third Year

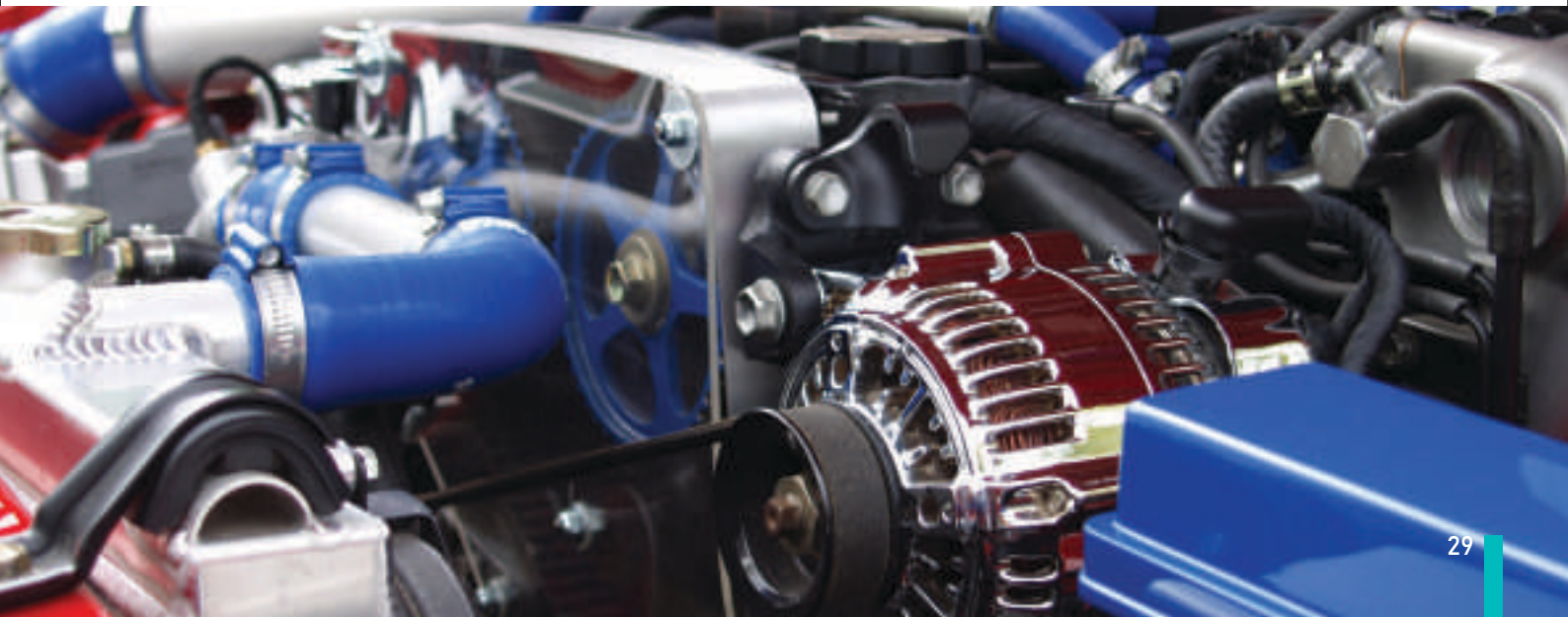
| Semester V   | Semester VI   |
|--|---|
| Strength of Materials<br>Fluid Mechanics<br>Theory of Machines - II<br>Thermal Engineering<br>CAD/CAM/CIM<br>Industrial Engineering<br><b>Department Elective I</b> <ul style="list-style-type: none"> <li>Advanced Manufacturing Processes</li> <li>Sustainable Energy Systems</li> <li>Composite Materials</li> <li>Manufacturing Management</li> <li>Product Design &amp; Development</li> <li>Essence of Indian Traditional Knowledge</li> </ul> Professional Ethics and Legal Aspects | Mechanical Measurements and Metrology<br>Heat Transfer<br>Design of Machine Elements - I<br>Technical Internship Programme (Min. 6 weeks)<br><b>Department Elective II</b> <ul style="list-style-type: none"> <li>Fluid Machinery</li> <li>Mechatronic Systems Design</li> <li>Additive Manufacturing</li> <li>Dynamic Systems Modelling and Analysis</li> <li>Refrigeration and Air Conditioning</li> <li>Vibration Engineering</li> </ul> <b>Department Elective III</b> <ul style="list-style-type: none"> <li>Project Management</li> <li>Nanotechnology</li> <li>Total Quality Management</li> <li>Electric and Hybrid Automotive Technology</li> <li>Operations Research</li> <li>Automatic Control</li> </ul> <b>Open Elective I</b> <ul style="list-style-type: none"> <li>Manufacturing Engineering</li> <li>Production Management</li> <li>Logistics and Supply Chain Management</li> <li>Renewable Energy Sources</li> </ul> Management Accounting for Engineers |

## Fourth Year

| Semester VII   | Semester VIII   |
|--|---|
| Technical Internship<br>Refrigeration and Air Conditioning<br><b>Elective I (Choose any one)</b> <ul style="list-style-type: none"> <li>• Dynamic System Modeling and Analysis</li> <li>• Renewable Energy Sources</li> <li>• Advanced Turbomachinery</li> <li>• Automobile Engineering</li> <li>• Introduction to Nano - Technology</li> </ul> Project Part - I<br>Numerical Methods<br>Operations Management<br>Organizational Behaviour<br>Information System Management<br>Financial Analysis and Working Capital Management<br>Legal Aspect of Business<br>Marketing Management<br>Business Analytics for Decision Making<br>Design Thinking and Innovation - I | Design of Mechanical Systems<br>Finite Element Analysis<br><b>Elective II (any one)</b> <ul style="list-style-type: none"> <li>• Tribology</li> <li>• Additive Manufacturing</li> <li>• Reliability Engineering</li> <li>• Computational Fluid Dynamic</li> <li>• Robotics</li> </ul> Project Part - II<br>Elements of Biology<br>Business Research Methods<br>Corporate Communication<br>Human Resource Management<br>Design Thinking and Innovation - II<br>Industrial Marketing<br>Financial Management<br>Technology Management |

## Fifth Year

| Semester IX  | Semester X   |
|--|--|
| Management Internship Programme<br>Quantitative Techniques<br>Capstone Project - I<br>Elective-1<br>Elective-2<br>Elective-3<br>Elective-4 | Foreign Language (Any One - Chinese / Spanish / German)<br>Capstone Project - II<br>Strategic Management<br>Elective-1<br>Elective-2<br>Elective-3<br>Elective-4 |



# Stream Wise Electives

| Finance                                     | Marketing                                       | Operations and Supply Chain Management  | Business Intelligence & Analytics | Strategy and Innovation Management Electives |
|---|---|---|-----------------------------------|--|
| Indian Financial System                     | Brand Management                                | Operation Planning and Control  | Data Mining and Analytics         | Managing Innovation                          |
| Investment Banking                          | Sales and Distribution Management               | Services Operations Management  | Programing for Analytics          | Leadership                                   |
| Security Analysis                           | Buyer Behaviour                                 | Supply Chain and Logistics Management   | Python Programming                | Business Models in Infrastructure Management |
| International Finance                       | Integrated Marketing Communication              | Project Procurement Management, Contract Administration and Claims Management | Big Data Technology               | Business Simulations                         |
| Management of Mergers and Acquisitions      | Services Marketing                              | Project Risk Management   | Business Visualization            | Enterprise Planning System                   |
| Financial Technology                        | Analytics for Strategic Marketing Decisions     | Operations Strategy   | Predictive Modelling              | Entrepreneurship                             |
| Real Estate Investment                      | Marketing Strategy                              | Best Practices in Operations  | ETL-Data Gathering and Loading    | Introduction to Blockchain                   |
| Financial Planning and Portfolio Management | Digital Marketing                               | Analytics in Operations and Supply Chain Management                           | Neural Networks and Deep Learning |  |
| Financial Risk Management                   | Marketing of Technology Products                | Advanced Project Management   | People Analytics                  |  |
| Project Infrastructure and Finance          | International Marketing                         | Project Infrastructure and Finance  |                                   |  |
| Financial Engineering                       | Media Planning                                  | Industry 4.0  |                                   |  |
| Financial Analytics                         | Marketing Analytics for Marketing Mix Decisions | Global Trends in Infrastructure Management                                    |                                   |  |
| Financial Econometrics                      |   |   |                                   |  |

# Cube



Harvard Business Review Case studies are included in the syllabus.

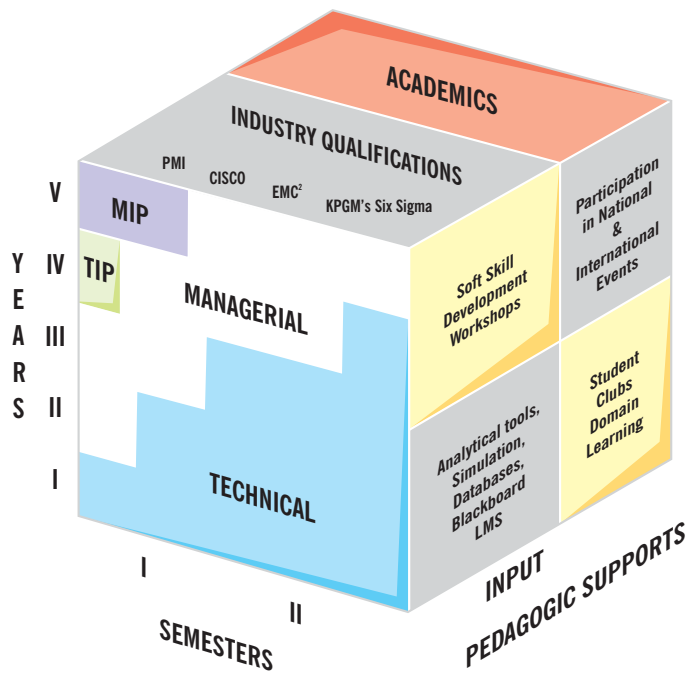
MPSTME houses the 1st Project Management Institute Student Branch in Asia. Our students form a part of an elite class of Certified Associate of Project Management.

Unique system of dual internships consisting of Technical Internship Programme (TIP) & Management Internship Programme (MIP) makes the students industry ready with over 7 months of work experience before graduation.

CISCO, Oracle & EMC ISM are included in the syllabus for keeping the learning environment real. MPSTME is an IBM centre for excellence.

Latest in e-Library services like IEEE journals, ACM, Proquest database and Science Direct for extensive research.

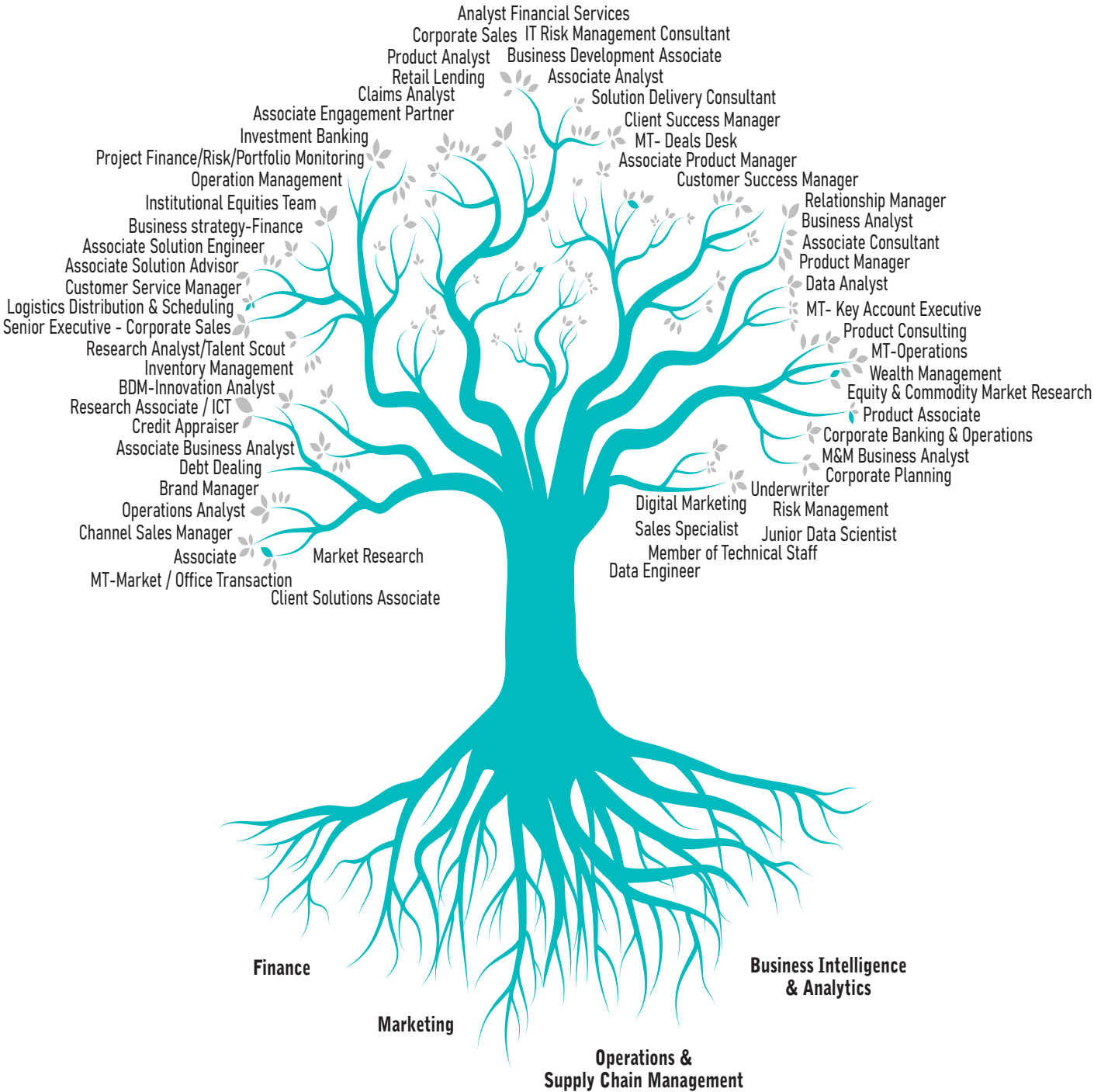
Semester System for rigorous learning, coupled with interactive class room sessions about the latest happenings makes our graduates, much more than just graduates.



## Course Structure

|                 |   |
|-----------------|---|
| <b>1st Year</b> | General Engineering Subjects  |
| <b>2nd Year</b> | Engineering Subjects as per Specialization  |
| <b>3rd Year</b> | Advanced subject of Engineering Specialization with building basics in the subjects of General Management<br><br>TECHNICAL INTERNSHIP PROGRAM<br>8-week internship in respective technical Specialization |
| <b>4th Year</b> | General Management with Engineering Management Subjects<br><br>MANAGEMENT INTERNSHIP PROGRAM<br>Mandatory 19-week internship with Management Specializations  |
| <b>5th Year</b> | Management Subjects as per Specializations in Management Education  |

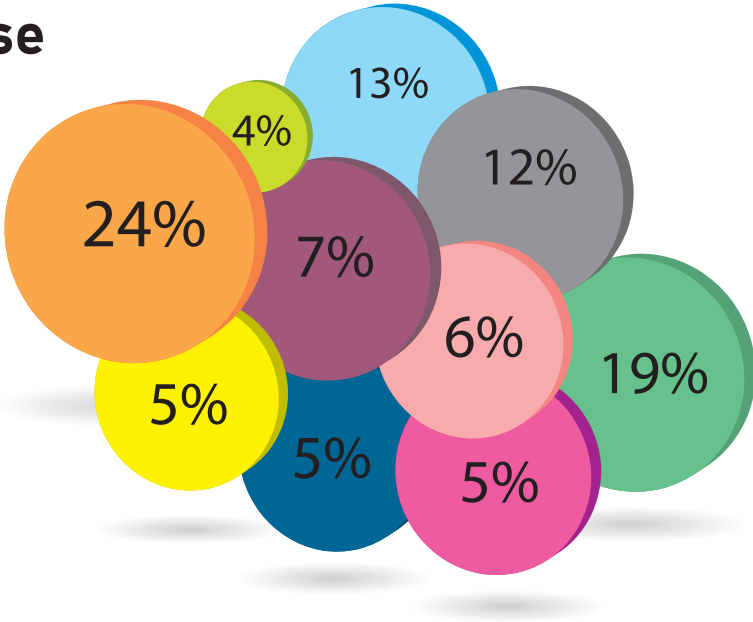
# MBA (Tech.) - Job Profiles



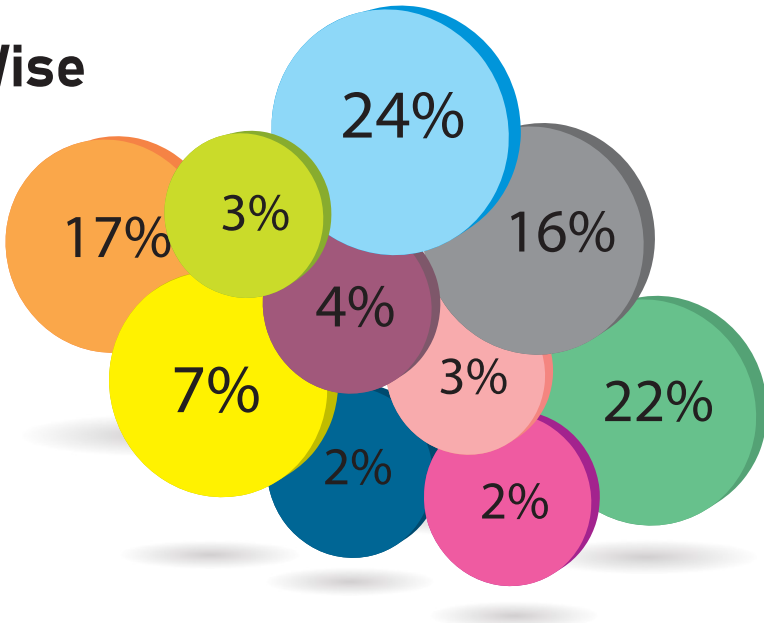


# Placements Batch 2020

## Sector Wise



## Student Wise



|                         |                    |                          |                              |
|-------------------------|--------------------|--------------------------|------------------------------|
| BFSI/NBFC               | Consulting         | IT/ITES                  | Manufacturing & Automobiles  |
| Ecommerce/Media/Telecom | FMCG/FMCD & Retail | Pharmaceutical           | Infrastructure & Real Estate |
|                         | Education          | Logistics & Distribution |                              |

# Eminent Recruiters

## **BFSI/NBFC**

5 Paisa  
Aditya Birla Capital  
Advarisk  
Angel Broking  
Apollo Finvest  
Arp Investments  
Barclays  
Duff & Phelps  
Edelweiss Financial Services  
Federal Bank  
Futuregeneralli  
Grotog  
Hansa Research  
HDFC AMC  
HDFC Bank  
HDFC Life  
HDFC Ltd  
ICICI Bank  
ICICI Prudential  
IDFC First  
IIFL  
Indian Wealth Management  
Indusind Bank  
JP Morgan Chase  
Knightfrank  
Mintifi  
Monal Capital Ltd  
Monitree  
NIIF  
NIIF Infrastructure  
Nomura  
Phillipcapital  
Planful  
Rammohan Bhawe  
RBI  
Receivables Exchange Of India Ltd  
Refinitiv  
SBI Life Insurance  
Siemens Financial Services  
Tata AIG  
Trade Markets  
Turtlemint

## **FMCG/FMCD/RETAIL/HOSPITALITY**

Aerome  
Bisleri  
Bookeventz  
Decathlon  
Invideo  
Oyo Life  
Qubag  
Shoppers Stop  
Souled Store  
Starbucks  
Taj Mahal Palace  
Tata Croma  
Tata Trent  
Zolostays

## **PHARMACEUTICAL**

Alivira Animal Health Ltd  
Galaxy Surfactants  
Godrej Chemicals  
Jubilant Life Sciences  
Merck  
Wellness Forever Medicare  
Zydus Cadila

## **CONSULTING**

Agr Knowledge Services  
Aranca  
Argyle  
Barclays  
Boyd & Moore  
Cloudcounselage  
Crisil  
Deloitte  
Dun & Bradstreet  
EY  
Gajra Pai and Zhu Limited  
GEP  
HFFC  
Keith Walking Floors India Pvt Ltd  
KPMG  
Markets And Markets  
Mordor Intelligence  
Nielsen  
Peopleq Success  
QAI Global  
S&P Global  
TCS Digital Square  
Trafigura  
Unicus  
VQMS

## **ECOMMERCE/MEDIA/TELECOM**

Adfactors  
Alientt  
Chlorophyll  
Cyringemedia  
Fashion TV  
Invideo  
Jio Creative Labs  
Justdial  
Media.net  
Neemtree  
Onextel  
Purple Ribbon  
Redsky Technologies  
Reliance Jio  
Reportsanddata  
Republic Tv  
Servify  
Sodexo  
Sun Strategic  
Timepay

## **MANUFACTURING & AUTOMOBILES**

Atul Ltd  
Eclinical Works  
Emerson  
Hyundai  
Johnson Controls  
L&T  
Petronas Lubricants  
SKF  
Stelmac India Private Limited  
Trunexa  
Urbn Monk  
Logistics & Distribution  
Adani Ports  
Dhl  
Gati  
Gocomet  
Logistics Now  
SrK Exports Pvt. Ltd.  
Tata Power

## **IT/ITES**

Acme Infosoft  
Acube It  
Ajackus  
Asus  
Atom  
Chemito  
Cognilements  
D&B  
Dronahq  
Esper  
Fyle  
Gaia Smart Cities  
Innobytes  
Netcore  
Noque  
Odessa  
Onida  
Red Sky Technologies  
SAP Labs  
Sheth Publishing  
TFT (Think Future Technologies)  
Tudip Technologies  
Wondermouse Technology  
Adobe  
Coviam  
Credence Analytics  
Eden Infosolutions  
Enfusion  
Fragmadata  
Frappe  
Fujitsu  
Fyle  
Genpact  
HP Enterprise  
Mswipe  
Netapp  
Niit Technologies  
Odessa Inc.  
Orient Technologies  
Pin Click  
Salesforce  
Sapiens  
Tatvic Analytics  
Virtusa  
Zycus

## **EDUCATION**

Byju's  
Climber Knowledge & Careers  
Edureka  
Future First  
Jaro  
Jaro Education  
Lido Learning  
Navneet Education  
Prothoughts  
Verzeo  
Zillionite

## **INFRASTRUCTURE & REAL ESTATE**

Anarock  
Dream Properties  
JLL  
Knight Frank  
Owens Corning  
Peri  
Sunteck Realty Ltd  
Trivoli

# Alumni Speak



MBA Tech Program is unique kind of program which is dual degree in Engineering and Management. The best aspect of course is corporate training (5 Months Management Internship and 3 Months Technical Internship) which helps in taking the first step into corporate life. The faculty is amazing and the course is well designed for smooth amalgamation of engineering and management. There are varied roles one can opt for like techno-managerial roles or core management functions based on one's interest. I started my career with ICICI as a wealth manager which was a great start for me after passing out of the course.

**Neha Nehra**

Senior Business Analyst  
GEP Prague Czech Republic

**Batch:2013**

**Engineering Stream: Electronics & Telecommunication**  
**Management Stream: Finance**



In my opinion, MBA Tech course gives a perspective into each one of its students. A perspective which makes us different from others as we get immense hands on knowledge on both technical front as well as on the managerial front.

Coming into the corporate world at an early start, we were able to grasp technological advances and innovations in the market along with management dilemmas which made us able to gauge modern business problems and use management and engineer's approach to solve them.

**Priyam Saxena**

Regional Sales Manager  
West Dynabook Singapore Pte Ltd

**Batch: 2016**

**Engineering Stream: Computer**  
**Management Stream: Marketing**



I believe results speak louder, I started this transformation journey as a small-town guy and currently standing as the best Area Manager for year 2019 in my Company. These 5 years were not just education but it turned out to be something that made me confident to deliver the seminar in front of 500 people, go head on with the best in the industry fearlessly (I am a core B2B sales person), Taking to people of different nationalities and lot more. I don't know what MPSTME does differently but it surely makes an individual stand out in the real world.

**Konark Gupta**

Area Manager  
LG Electronics India Pvt Ltd.

**Batch: 2016**

**Engineering Stream: Mechanical**  
**Management Stream: Marketing**



I was a student of MBA Tech 2012-17 batch - Computer Science + Marketing. This campus not only helped me academically, but also personally. It helped me to grow as a person from the introvert & less ambient me. We not only learned about life but also a lot about the professional world by participating in national competitions, organizing events and hosting fests during our 5 years there. We learnt a lot of new skills, concepts and courses and this helped me understand what I enjoyed working and gave me many opportunities to shine in that field.

I was placed in Sapiens (formerly, Ibexi) and gained appreciation in my role, profile & designation in these 3 years. I also got the opportunity to work directly with clients onsite in Mumbai & Istanbul. I am growing with this company & look forward to more challenges and quality work in the profile of Business Analyst.

I transformed myself into a confident, resilient, smart and diligent individual throughout my journey in these 5 years of college. I was the topper of my batch and secured a gold medal in the Convocation 2017. I will always be proud of being an NMIMS-MPSTME Alumni.

**Apurve Paharia**

Consultant  
Sapiens

**Batch: 2017**

**Engineering Stream: Computer  
Management Stream: Marketing**



MPSTME has been my learning ground for 5 years during the formative years of my professional life. While the academia exposed me to a variety of subjects, my professors and course material motivated me to pursue six internships starting from my first year itself.

The varied experiences across companies and corporate functions where I interned (J&J, Deloitte, Pidilite and RB to name a few) helped me find my true calling and identify what career path I would be interested in undertaking post formal education. While opportunities were plenty, the uniqueness this institute brings with it is the ability to value the importance of fighting for them, thus always simulating the real world. I've constantly strived to challenge myself by participating in an array of competitions and have won recognition across debates, the RB Maverick's case challenge and V-Guard's Big Idea Contest. These enriching experiences have left me with a lot to be grateful for towards the institute and I hope every student's journey here is as exciting as mine has been!

**Mohak Bhatia**

Area Sales Manager  
Reckitt Benckiser

**Batch: 2017**

**Engineering Stream: Information Technology  
Management Stream: Marketing**



NMIMS MBA Tech Program provides the perfect blend of technology and management education to its students. In this world, where most of the business process improvements, consulting roadmaps and business cases hinge strongly on good IT implementations and managerial skills to drive the change, someone who comes with a strong technical as well business focus would always be valuable to a firm's success.

The course is very well structured with a state-of-the-art modern syllabus which lays a great focus on practical as well as fundamental aspects deemed as pre requisites to become a good techno manager.

In my corporate journey, I am thankful to my professors for taking up relevant and existing business cases which made me think and utilize my academic knowledge to solve modern day business problems.

I owe my managerial and leadership skills to the exposure that was provided to me during my journey as a member of the placement committee and student council.

Apart from academics, the strong focus on personality development and the management/technical internship programs helped me to have a very smooth transition in evolving myself from a student to a contributing professional.

**Anurag Animesh Jha**

Business integration & Architecture Senior analyst  
Accenture

**Batch: 2018**

**Engineering Stream: Computer**

**Management Stream: Marketing**



MPSTME has played a pivotal role in developing a holistic perspective for me across my professional and personal fronts. In today's changing world where customer habits and preferences are constantly changing the five-year MBA Tech program seeks to create a crucial synergy between Technology and Management for industry-ready employees. Besides Academics and constant mentorship, the course provided me with enriching experiences through internships in technical as well as management positions, leadership positions at student-led committees, research projects, and information about emerging technologies. I will forever be grateful to the institute for offering plenty of opportunities to realize my potential and acquire skills to turn my dreams into reality

**Abhik Nijhawan**

Area Sales Manager  
Hyundai Motor India Ltd.

**Batch:2018**

**Engineering Stream: Mechanical**

**Management Stream: Marketing**



In the connected world of today, it is critical to understand how technology and business shape one another, thus moving our society forward.

The MBA Tech programme places students at the forefront of the action - building a strong technical foundation and pushing its potential with the necessary managerial know-how. The mandatory technical and managerial internships are essential to getting students the relevant industry experience.

I was initially intrigued by the idea of "saving one year" with the 5-year integrated programme. However, in retrospect, it is the structure of the course, and the unique approach of creating industry-ready techno - managers, that has really helped me achieve my potential.

**Pratham Sarwate**  
Program Manager  
Microsoft India (R&D) Pvt. Ltd

**Batch: 2018**  
**Engineering Stream: Information Technology**  
**Management Stream: Marketing**



The MBA Tech program at MPSTME is an inspiring course that amalgamates classroom learning in technical and business disciplines with practical exposure through well designed lab programs and interactive case studies. A good thrust on industry focus is emphasised on by two compulsory internship programs and a live research project. During my five-year stint, I was challenged to take up diverse competitions, research work, out of course certifications and internships that ensured that I ended up capitalising on every opportunity that academic life had to offer. I'm grateful and forever indebted to the institution for shaping me into a qualified professional today.

**Rini Antony,**  
Campaign Manager  
Google India

**Batch: 2019**  
**Engineering Stream: Mechanical**  
**Management Stream: Marketing**



The unique dual degree of Engineering and Management offered at NMIMS - MPSTME has groomed me for a variety of roles as a corporate professional. In addition to a strong focus on academics, the course also ensures abundant exposure to the various facets of the corporate world in the form of multiple internship opportunities. The constant mentorship by faculty members and engagement with my incredibly talented peers added to the overall learning experience. It has laid a solid foundation for me to grow professionally and personally."

**Anupama Singh**  
Associate Solution Engineer  
Salesforce

**Batch: 2019**  
**Engineering Stream: IT**  
**Management Stream: Marketing**

# Entrepreneur

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The MBA Tech course was designed to help students understand business fundamentals along with engineering basics. This allowed me to be confident to be any business venture I entered into. I did not feel like just an engineer who just had the technical know-how but had no clue about how a business works. This confidence allowed me to tackle the uncertainty of starting a new business and of writing a book head on for which I am extremely grateful to the MBA Tech course.

**Vanshdeep Madan**

Founder, Techkaghar.com

**Batch: 2016**

**Engineering Stream: Electronics & Telecommunications**

**Management Stream: Business Intelligence & Analytics**



MBA Tech is one of the best programmes which is making students technically strong as well as helping to build their managerial skills. MPSTME have world class infrastructural facilities and brilliant faculty. Apart from curriculum activities MBA Tech have internship programmes which help students become industry ready. As far as the placements are concerned, enough opportunities are provided to every student and it is upto the individual how you take it. Moreover, having a placement policy in order makes thing even more transparent.

I am really lucky and proud to have been a part of this institution not only because I got placed but because of the things I have learned over there.

**Niraj Bhandari**

Executive Director, Deesan Tex Fab Pvt. Ltd.

**Batch: 2016**

**Engineering Stream: Electronics & Telecommunications**

**Management Stream: Finance**



The MBA Tech is a well hand stitched course designed as per industry standards and norms. The technical expertise and workshop facilities made available to the students are world class. We have the best faculties with the practical knowledge of the industry that helped me learning through practical Examples. In second year of my college I decided to start my own company and got Megabizz registered in year 2015. Megabizz successfully completed a few of its projects in year 2016. In my final year, I created a device as my final year project under the guidance of Dr Anuja Agarwal who helped and guided me throughout the project development. The device also got patented as a copyright of Megabizz. Today, Megabizz is a DIPP certified (Government authorized) start-up with a patent and with a vision to bring about some change and revolutionise the way in which we have lived for this long by working in the for the society and implementing the ideas that can bring about this change. Batch: 2017 Technical Stream - Computer Science Management Stream- Marketing

**Mridul Bhatnagar**

Founder, Megabizz4U Media Pvt. Ltd.

**Batch: 2017**

**Engineering Stream: Computer Science**

**Management Stream: Marketing**

# Family Business



The MBA Tech course has provided me with the correct balance between technical expertise and managerial skills for the holistic development to become a second-generation entrepreneur. The course structure is designed meticulously keeping in mind the fast-paced industry requirements and the subject knowledge that is compulsory for every business. The added incentive was the opportunity of two periods of internships involving both the technical as well as the management aspects of the curriculum which enable the application of the concepts and gives a sneak peek into the real corporate world. I would also like to thank my entire faculty who have been exceptional taskmasters and have shared their guidance, support and immense knowledge over the period of the course.

**Krishna Deora**

CEO, Shree Krishna Udyog

**Batch: 2015**

**Engineering Stream: Chemical**

**Management Stream: Marketing**



Joining MPSTME after 12th & doing MBA Tech was a wise decision for me and it wasn't just a course, those 5 years were a journey. Too many ups and downs teach you a lot of management. It's a lot of personal skill development taught me how to practically just deal with situations. Being a techno manager, you have an idea about both the fields and that gives you an extra edge.

I joined my Family Business as soon as I was done with my course in 2015. When you join an entrepreneurial setup, you get to test your skills primarily in Management. Because Business is Management! Managing from pin to plane!

Doing my Majors in Finance, gave me an extra edge in my business as I have a good view about the capital markets and investment strategies as well.

**Sagar Sheth**

Partner, SHETH Publishing House

**Batch: 2015**

**Engineering Stream: Information Technology**

**Management Stream: Finance**



"As a part of a family owned enterprise, one is put against a variety of situations every day. To act with prudence and take decisions is what both the family and the enterprise expect from you. The learning system employed at MPSTME has effectively managed to get us prepped for this challenge. Being a technical graduate with managerial skills has helped me quickly grasp the essence of Business. The mixed skill set which we have learned during our MBA Tech course has definitely given us a head start; and I believe these shall help us achieve prodigious accolades over the longer run"

**Rushi Kanakiya**

Production Executive, Triveni Iron & Steel Industries Pvt. Ltd.

**Batch :2015**

**Engineering Stream: Mechanical**

**Management Stream: Operations**



# Higher Studies



MBA Tech program offers a unique combination that the industry would ask of you. The program helped me develop not only my technical skills but also inter-personal skills and critical thinking ability. The 20-week Management Internship helped me get a practical experience of the industry, which I was able to sharpen in the last year of the course. My MBA Tech concentration in Finance inspired me to get a deep dive into High Finance. Hence, I decided to get my Masters of Science in Computational Finance/Mathematical Finance from Rochester Institute of Technology, New York.

I think pursuing MBA Tech has given me insights to be successful and has helped me achieve my current career path. I am proud and glad to be a part of the NMIMS institution.

**Karan Batavia**

Investment Banking Associate at Jefferies, New York, NY.

**Batch: 2017**

**Engineering Stream: Civil Engineering**

**Management Stream: Finance**



MBA Tech course was one of the most challenging course with a lot to learn from technical and management field at the same time but as it is said, "If it was easy, everybody would do it". I did not just develop technical skills in the field of engineering but also developed skills like Leadership, Communication, Design thinking, Research as well as Analytical thinking from this course.

Currently pursuing another Masters in Germany in the field of Transportation & Logistics management, it is much easier for me to understand management perspective even further and improvise using existing skills developed from MBA Tech. It also contributed to my confidence and presentation skills, besides also adding time management skills to complete complex research or project work on time. The aim of the course is not just to get you placed but to skill you for even more difficult challenges.

**Romil Mewada**

Student of Masters in transport and logistics management at IUBH, Germany.

**Batch: 2017**

**Engineering Stream: Civil Engineering**

**Management stream: Operations & Project Management**



The Bachelor of Technology in IT provided me with the technical expertise necessary for completing several successful internships in the Information Technology industry. The courses in Applied Mathematics, Advanced Mathematics, and various others related to programming helped me learn calculus, statistical analysis tools, asymptotic analysis, and other numerical techniques, along with coding in C, Python, R, and MATLAB. The MBA in Finance which included management courses such as Financial Accounting, Security Analysis, and Investment Banking, etc. served to lay a solid conceptual base in finance and paved the path for a short but successful stint in the investment banking world. Together, they laid the theoretical groundwork for pursuing a Masters in Financial Engineering degree at Columbia University. MPSTME gave me the best platform to excel both on the academic front as well as on the extracurricular front. It gave me an opportunity to add levels to my personality and taught me how to maintain a balance between work, self-development, and fun, and not to mention the everlasting friendships from all over the country.

**Animesh Jain**

Index Research & Development Analyst, Nasdaq

**Batch: 2017**

**Engineering Stream: Information Technology**

**Management stream: Finance**



# Future Endeavours

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The corporate sector has always found itself in a state of constant flux. The reason for this rapid evolutionary pattern can be trickled down to the impact each new breakthrough development brings.

The drive to stay afloat in this cut-throat competition has resulted in companies striving to find that synergy between both the sides of the bifurcation which form their foundation, namely technology and management.

The MBA Tech programme provided by NMIMS understands the criticality of this integration and relentlessly pursues to provide the best blend from both the verticals.

As the corporate industry is making its transition from product-based sector to services-based sector the potential value that this course can add to the organizations enhances manifold. The "Techno managers" which are the final yield of this 5-year exhaustive course will be extremely instrumental in maintaining the balance between the technical and managerial aspects of the company.

As of now data about all the aspects of an organization right from its employees to the devices and technology which is being used to create the company's final offering is being generated on a real time basis. In such a scenario it becomes crucial to interpret and respond with similar pace to improvise the efficiency of the process which in turn leads to company competency.

This phenomenon is expected to present itself on a much humongous scale as the grind for efficiency will be the ultimate parameter for creating a differentiation in the increasingly competitive market.

MBA Tech course operates with the primary focus to create the managers who can become a seamless interface between technical and managerial sectors and can alleviate the constraining hierarchical decision making structures giving companies the defining cutting edge.

The course forces students to think along both aspects and manage the workload simultaneously so as to make informed decisions regarding both sectors. This integrated course will be integral to the companies who are looking to bridge this long and persistent gap so as to tap into their full potential.



# Placement Calendar

## Final Placements

|                     |   |                             |
|---------------------|---|-----------------------------|
| PPO/PPI             | : | September 2020              |
| Pre-Placement Talks | : | September 2020              |
| Placement on Campus | : | October 2020 onwards        |
| Email               | : | mbatechplacements@nmims.edu |

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## Management Internship (19 Weeks)

|                                  |   |                             |
|----------------------------------|---|-----------------------------|
| Pre Placement Talks & Placements | : | November 2020 onwards       |
| Email                            | : | mbatechinternship@nmims.edu |

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## Technical Internship (8 Weeks)

|                                    |   |                          |
|------------------------------------|---|--------------------------|
| Pre - Placement Talks & Placements | : | November 2020 onwards    |
| Email                              | : | techinternship@nmims.edu |

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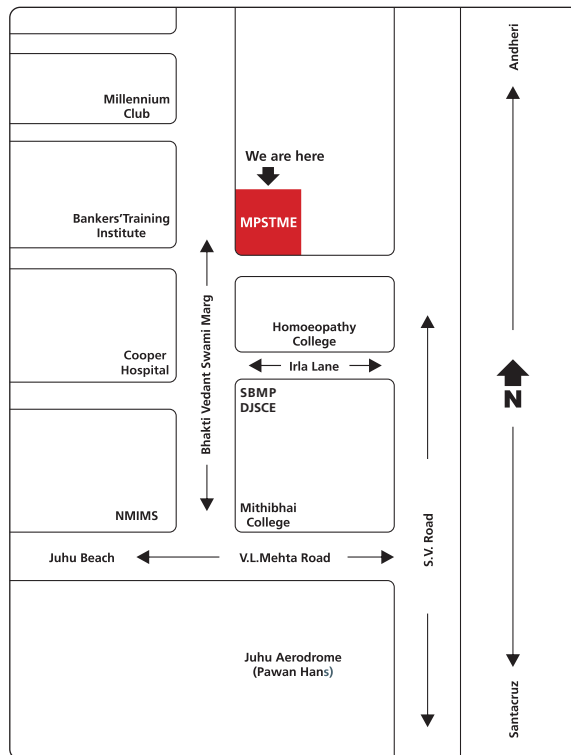
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