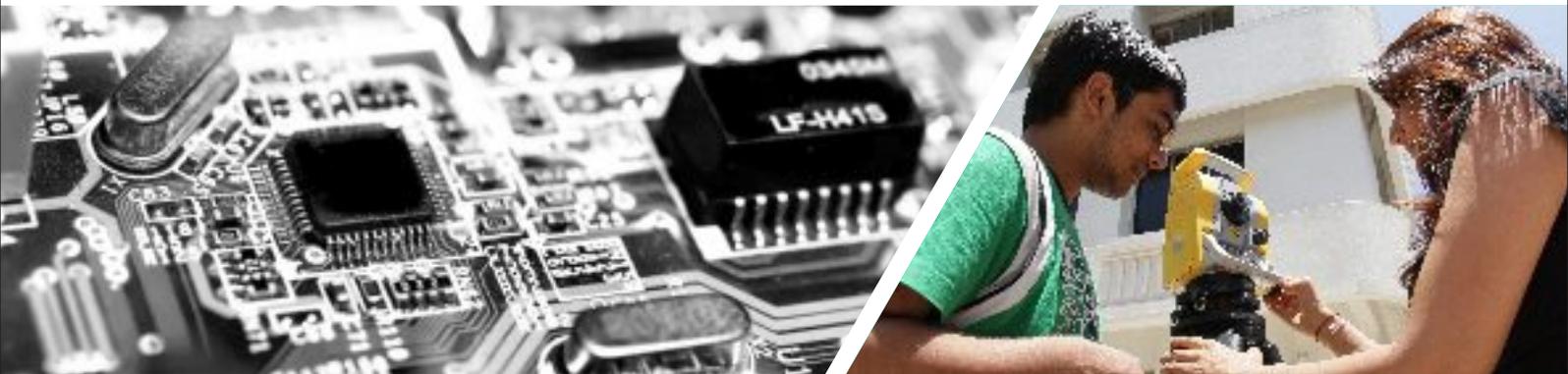


PROSPECTUS

2015

Mumbai Campus | Shirpur Campus



MBA (Tech.) | B.Tech. | B.Tech. Integrated | MCA | M.Tech. | Ph.D.

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



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Board of Management

Chairperson

Shri. Amrish Patel
Chancellor

Members

Dr. Rajan Saxena
Vice Chancellor

Dr. M. N. Welling
Pro-Vice Chancellor

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Vice Provost (Management Education) and
Dean, SBM

Dr. Sharad Mhaiskar
Dean, MPSTME

Shri. K. Venkataramanan
CEO & MD, L & T Ltd.

Dr. M. R. Rao
Dean, Emeritus, ISB

Shri Pankaj R. Patel
Chairman & Managing Director, Zydus Cadila

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Social Entrepreneurship.

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Associate Dean, SBM

Shri Ashish Apte
Controller of Examinations

Non Member Secretary

Dr. Meena Chintamaneni
Registrar



Chancellor's Message

Shri Amrish Patel

Chancellor

Technology and leadership has best served the nation and the world at large in the 21st century. Present-day necessity for technical and managerial expertise at a proletarian as well as global level has made it imperative for educational institutes to emphasize on quality, validity and employability value of training and degrees. A blend of rationalized curriculum with pertinent pedagogical practices like learning management system; experiential learning system ensures compliance to ever evolving needs of the industry and society at large.

The Mukesh Patel School of Technology Management and Engineering (MPSTME) at SVKM's NMIMS (Deemed-to-be University) has safeguarded the student's needs and interests by crafting a team of eminent academicians. This team is dedicated to providing its students with an education that combines rigorous academic study and the delight of discovery through intellectual simulations.

At this stage, it is important to share SVKM's vision which is built on a thoughtful commitment to teaching, learning, research, teamwork, and developing a foundation for leadership. NMIMS as well as MPSTME are constantly collaborating through MOU's with some of the leading

institutes in the world. We also emphasize alliances and constant touch with industry for hands-on experience and global exposure to our students.

The institute has an acknowledged record of outstanding attainments as a Technology Management and Engineering School, and has carried forward the tradition of excellence to other schools. At MPSTME, we have taken initiatives to generate consistent and undisputed excellence in our teaching and research programs. We definitely follow out-of-the-box approach in our pedagogical techniques, research enterprises and student skill enhancement activities. The credibility of our programs is ensured through recommendations by India's leading luminaries from industry and academia; built in laboratory exercises and field training. Over the years, MPSTME has taken edge by setting up several centers of excellence.

The laurels earned by our faculty and students in Indian and international forums, the mounting call from industry for our students, imparts credibility to our claims of excellence.

I encourage you to engross yourself in the new learning experiences at MPSTME and seize this incomparable opportunity.

From the desk of Vice Chancellor



SVKM's NMIMS (Deemed to be University) is committed to creating, spreading, and preserving knowledge, and is renowned for its advanced programs with appropriate curriculum and pedagogy. NMIMS was first in India to start a five year MBA(Tech.) program way back in 2004. With the founding of Mukesh Patel School of Technology Management & Engineering (MPSTME), the B.Tech., M.Tech., Ph.D.(Engg.) werelaunchedin2006.A unique six year B.Tech. (Integrated) program for 10+ students has been initialized from the academic year 2014-15. The program is an outcome of intensive research and extensive industry-academia inputs.

MPSTME has evolved by continually ensuring that its programs are in consonance with the industry needs of tomorrow, both on the technological and techno-managerialfronts thereby making its graduates not only relevant but appreciated in industry. Grounded in commitment to engineering education, innovation, and research, the school has matured into an institute renowned for its excellence. We offer our students rich educational experience enhanced by co-curricular and extra-curricularactivities, industry linkages and infrastructure. All of this is to safeguard a student-centered approach and environment. MPSTME's Mumbai and Shirpur campuses are evidences of the commitment of NMIMS for excellence.

Throughout last year, school has taken a number of initiatives to establish centers of excellence to enrich relevance of its curriculum and teaching-learning experience. Students of MPSTME have competently represented and brought laurels to the school in international competitions held by NASA and MUN. It has also received NBA accreditation for two of its programs. The program curriculum and pedagogy offers industry internship, laboratory experiments on modern setups for honing practical skills, case studies, seminars and interdisciplinary research. Our placements across the years, along with the salary packages offered, establish the preference given to our students in industry. As a school of technology management and engineering, we take pride in uniquely educating the technological leaders of tomorrow. Our engineering graduates will be positioned as problem solvers, project leaders, communicators, and ethical citizens of a global community.

We look forward to welcoming each one of you at MPSTME in the new academic session 2015-16.

Dr. Rajan Saxena

From the desk of Dean



Over the years MPSTME has established its identity for

- State-of-the art infrastructure which includes learning management system, centres of excellence in terms of hardware and software
- Providing relevant curriculum based on industry inputs and needs
- Industry linkages and partnerships
- Environment conducive for all round growth of students
- Opportunities for Experiential learning as well as summer internships
- Centres of excellence set up with industry partnerships

As seven batches of MBA (Tech.) and six batches of B.Tech. the industry acceptance to these programs is very evident in the form of placements and increasing partnerships. Many students who have graduated are pursuing higher education in India and abroad, while many of them have reached a position of eminence during the short span of their career.

I invite all aspiring students to join our journey of excellence in education and share the fruits of a well tread and traversed path.

Dr. Sharad Y. Mhaskar

From the desk of Mentor



Mukesh Patel School of Technology Management & Engineering was set up with the following objectives:

- Develop technocrats with problem solving and leadership skills, to lead tomorrow's businesses, research and academic institutions.
- Become an institute at par with the world's leading institutes, through state-of-the-art infrastructural facilities, holistic pedagogy, renowned faculty, strong research culture and an ecosystem in sync with industry, academia and research organizations.

As we move forward, we are committed to revamping our student's educational practice through multidisciplinary and experiential learning. Students of MPSTME have a distinct edge since the programs and learning approach are designed in collaboration with leading experts from industry and academia. These programs are fostered by faculty who are experts in their respective domains and are constantly upgrading through thoughtful analysis and research. The industry training modules are adopted as part of curricula to facilitate internships and enhance the employability of graduating students.

The school provides good infrastructure, round-the-clock intellectual activities and ample opportunities for multifaceted development of students through extracurricular activities organized by students' council and students' chapters of professional bodies. The school has set up several centres of excellence. Notable amongst them are NMIMS-BOSCH REXROTH centre of excellence in Industrial Automation, The school is also setting up LUCAS-NULLE Didactic laboratories for communications and networking technologies. The school has also initiated several innovative programs in the last few years. Notable amongst them are the BTech Mechatronics program and the B.Tech. for 10+ students.

This all round growth helps MPSTME students display consistent outstanding performance in international inter-university competitions. MPSTME team of students received award at the "Lunabotics" and MAIT Rover competition held by NASA consequently for three years. Students have also participated in the MUN events and consistently won awards for the last three years. I invite you to be a part of MPSTME, join us in our journey of excellence and growth by engaging in professional education on a career transforming path.

Dr. J. P. Gandhi – Hon. Joint. Secretary, SVKM and mentor MPSTME

From the desk of Director (Shirpur Operations)



Our picturesque and integrated campus – Mukesh Patel Technology Park (MPTP) – on the banks of Tapi river near Shirpur (Dhule – Maharashtra) in 2007 that has been running various undergraduate, postgraduate, and doctoral programs in engineering, management, pharmacy, and textiles, and is rapidly becoming a preferred choice of students. Our mission is to ensure that our students are among the most sought after by the best employers around the world or become entrepreneurs. We strive hard so that they become accomplished professionals in their chosen fields.

The residential campus allows us to work on turning our students from '18 to 22' in a very effective way. The campus allows us to instill academic discipline and life values in our students and execute a variety of co-curricular and extra-curricular programs throughout the year. These programs include professional activities such as workshops and interactions conducted by leading brands like Google, Mozilla, Bosch and Accenture and our own festivals like Ambiora, Protsahan and Flavium. Bosch, Blackberry and Accenture have established the centers of excellence on our campus. We have impeccable infrastructure in terms of physical facilities, laboratories, and computing facilities that include both state-of-the-art hardware and software and a rich network bandwidth. The university operations are fully computerized with the help of SAP and Blackboard. Our placement record has been impressive. We have been placing more than 70% of our students through campus. Their packages have been growing consistently. Our students are being placed in high profile companies such as IBM, Infosys and Accenture.

Pradeep Waychal. Ph D.
SVKM's NMIMS, MPSTME, Shirpur Campus

SVKM

Vision

Equip students with knowledge and skills in their chosen stream, inculcate values, identify hidden talents, provide opportunities for students to realize their full potential and thus shape them into future leaders, entrepreneurs and above all good human beings.

Mission

- To equip students with advanced knowledge and the latest skills in their chosen discipline.
- To nurture a scientific spirit of inquiry among the students.
- To provide value based education which will mold them into good and responsible citizens playing a meaningful role in society.
- To tap the students' potential - both hidden and obvious - and offer a platform for their talents.

SVKM'S NMIMS

Vision

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

Mission

NMIMS's 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 organisation'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.

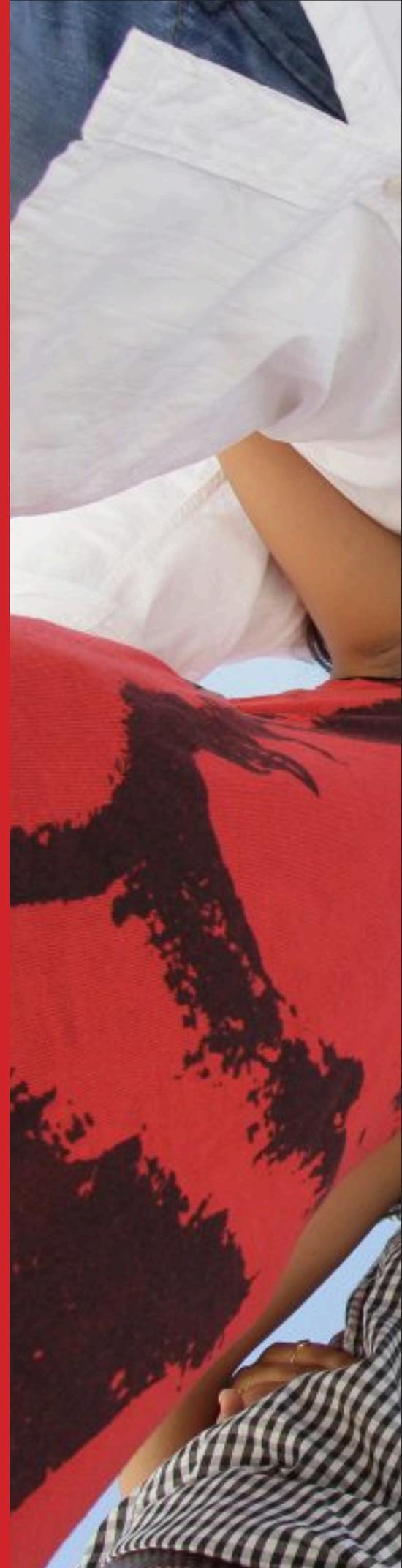
MPSTME

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.





SVKM - The Parentage

Shri Vile Parle Kelavani Mandal is a Public Charitable Trust registered under the Society's Registration Act and Bombay Public Trust Act. The SVKM has always been committed to the cause of providing high quality education at various levels. From its humble beginnings in 1934, when it took over the Rashtriya Shala, a school established in 1921 in the wake of the National Movement, the Mandal today has grown into a big educational complex imparting high-level education to more than 35,000 students.

The ethos of the Mandal, which is marked by patriotic fervor, selfless service and the spirit of indigenous enterprise, has its genesis in the days of India's struggle for freedom. These values permeate all the institutions set up by the Mandal and are the guiding principles for all of them.

Over the past 80 years, the Mandal has developed a large educational complex in Vile Parle, With a strong vision and passion for being the pioneers of the modern education system, all SVKM institutes are state of the art, with ever expanding facilities and infrastructure.

From its beginning with the Swadeshi Movement, the Mandal has now grown into an educational foundation promoting global thinking consistent with national interest and promoting the values, professionalism, social sensitivity and dynamic entrepreneurship.

Schools

- Smt. Gokalibai P. P. High School
- Shri Manilal Vadilal Nanavati Prathamik Shala
- Shri Dhirajlal V. Parekh Shishu Vihar
- Chhatrabhuj Narsee Memorial School
- Mukeshbhai R. Patel Military School – Shirpur
- SVKM International School

Diploma Institutes

- Shri Bhagubhai Mafatlal Polytechnic
- SVKM's International Baccalaureate Diploma Programme (IBDP)



Colleges

- Mithibai College of Arts
- Chauhan Institute of Science
- Chauhan Junior College of Arts & Science
- Amrutben Jivanlal College of Commerce & Economics
- Narsee Monjee College of Commerce & Economics
- Acharya A. V. Patel Junior College

Off Campuses

- Shirpur-Dhulia District
- Bangalore
- Hyderabad
- Chandigarh

Research Programme

- Chhotabhai B. Patel Research Centre for Chemistry & Biological Sciences

Colleges For Professional Courses

- Dwarkadas J. Sanghvi College of Engineering
- Usha Pravin Gandhi College of Management
- Dr. Bhanuben Nanavati College of Pharmacy
- Jitendra Chauhan College of Law
- SVKM College of Law
- Narsee Monjee Institute of Management Studies (Deemed to be University)
 - School of Business Management
 - Mukesh Patel School of Technology Management & Engineering
 - Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management
 - Balwant Sheth School of Architecture
 - School of Science
 - Anil Surendra Modi School of Commerce
 - NMIMS (Global Access), School of Distance Learning
 - Sarla Anil Modi School of Economics
 - Institute of Intellectual Properties Studies (IIPS)
 - Academy of Aviation

Specialized Courses

- Harkisan Mehta Foundation Institute of Journalism & Mass Communication
- Parag Vijay Datt Drama Academy

International Collaboration

- Institute of International Studies (with Kingston University, London)



SVKM's NMIMS

In order to meet the growing demand for management education, the Shri Vile Parle Kelavani Mandal, with the help of a donation from Narsee Monjee Educational Trust, established a recognized Management institute of the Mumbai University in 1981

Since then NMIMS has grown into a flourishing University, offering courses / programs across various disciplines, such as Management, Technology, Science, Pharmacy, Architecture, Commerce and Economics. Today, the University has over 5000 students and more than 430 faculty members. The faculty at the University represent an eclectic mix of Industry and Academic experience; national and international experiences.

SVKM's NMIMS Deemed to be University (Declared as Deemed to be University under Section 3 of the UGC Act, 1956), one of the premier Universities of Higher Studies in India, has completed 33 years of its existence in the year 2013-14. NMIMS established in the year 1981 as Narsee Monjee Institute of Management Studies, began its journey by offering a masters degree program in management studies, a course of the University of Mumbai with an intake of only 40 students and 4 full time faculty

Today, NMIMS is one of the fastest growing and the top, private University in the country. It has undergone a tremendous transformation since its commencement. Today, it stands as a large imposing University with 9 specialized schools plus two off-Campus operations, with an intake of over 6000 students and over 430 full time faculty members. From its temporary location at Bhaidas Auditorium, NMIMS has moved to a large complex of over 40000 sq feet where it stands today as a landmark in Vile Parle, an affluent suburb of Mumbai.

NMIMS Deemed to be University (Declared as Deemed to be University under Section 3 of the UGC Act, 1956) has taken major initiatives in terms of programs, curriculum development, International Linkages, Placements and students' development. Today, the University is a globalized centre of learning, providing its students a balanced exposure to research, academics and practical aspects of the industry.

At SVKM's NMIMS Deemed to be University (Declared as Deemed to be University under Section 3 of the UGC Act, 1956), we transcend horizons! Going beyond the average, putting in that extra mile, extending ourselves to excel and win on all accounts. Going by the past track record, in the 28th year of our existence, we have witnessed a quantum jump in the success stories we have achieved and the milestones we have crossed. Winning the BMA Best Management Institute of the Year Award 5 times, BMA Best Teacher of Management of the Year Award 7 times and BMA Best Management Student of the Year Award 7 times, NMIMS has been consistently ranked amongst the top B-Schools in the country. NMIMS has been awarded the 'Golden Peacock Innovation Award-2007' and BMA's 'Outstanding Management Institute Award' for the last five years (2003-2008).

NMIMS Deemed to be University (Declared as Deemed to be University under Section 3 of the UGC Act, 1956) has a team of over 430 full time faculty members and over 200 visiting faculty, rich in academic and industry experience. The faculty members have a number of publications to their credit and are also involved in Research & Consultancy activities, which are needed to keep them abreast of the ever-changing and evolving corporate world.

The students are encouraged to undertake internship with companies. The focus at NMIMS is to develop a Complete Student, i.e. a combination of academic and co-curricular skills. We groom our students to face the challenges of the corporate world with a blend of social sensitivity. Besides the requisite managerial skills, the students also attain visionary, entrepreneurial and leadership skills

About MPSTME

The Mukesh Patel School of Technology Management & Engineering (MPSTME) is an important addition to NMIMS's vision of 'Transcending Horizons'. The MPSTME leverages the capabilities inherent in the university, in both engineering and management domains to make this unique contribution possible.

The 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. In 2007 MPSTME Shirpur Campus started offering B.Tech and MBA.Tech Programme.

The MPSTME is equipped with a world-class library, which has an impressive collection of books and journals. It is fast transforming itself into a digital library with e-models, e-catalogues and an online database - Online Public Access Catalog on the intranet, which helps students check the library's collection of titles from across the world.

MPSTME has state-of-the-art laboratories: Those of Computer Science, Applied Sciences, Telecommunications and Information Technology, Bosch Rexroth which are equipped with technologically advanced instruments and managed by cooperative staff. There are recreation lounges and sports facilities which complete the all-round experience at MPSTME.

The modern state-of-the-art facilities are developed to provide a conducive atmosphere for teaching, learning & all round development of the students.



MPSTME Ranking

- MPSTME was ranked 5th in Maharashtra and 7th in Top Emerging Engineering Colleges of Excellence in India as per Competition Success Review, Aug. 2011.
- MPSTME was ranked with 'AA' rating under Deemed Universities in Maharashtra at State and National Level as per Career 360, May 2012.
- MPSTME ranked 4th in Maharashtra and 6th in Western India under Engineering Colleges of Excellence as per Global Human Resources Development Centre (GHRDC) & Competition Success Review (CSR) Engineering Colleges Survey 2013.
- MPSTME is ranked in TOP 100 Engineering Institutes and in 50 Private Engineering Institutes in India as per Times of India Engineering Institute Survey 2014.
- MPSTME is ranked 63, in TOP 75 Pvt. Engineering colleges and ranked in TOP 128 Engineering Colleges in India as per The Week Engineering Survey 2014.
- MPSTME is ranked 10th in Top Engineering Colleges of Excellence and 5th in Top Engineering Colleges in Maharashtra State as per Competition Success Review (CSR) - Global Human Resources Development Center (GHRDC) Engineering Colleges Survey 2014.
- MPSTME is ranked 8th in Top Private Engineering Colleges, West Zone in India and ranked 51st in Top 99 Private Engineering colleges as per The Week Engineering Survey 2015.
- MPSTME is ranked 8th in Top Private Engineering Colleges, West Zone in India and ranked 51st in Top 99 Private Engineering colleges in India as per The Week Engineering Survey 2015.
- MPSTME is ranked 1st in Outstanding Engineering College of Excellence in India as per Competition Success Review (CSR) - Global Human Resources Development Center (GHRDC) Engineering Colleges Survey 2015.

Best Practices

NMIMS has always strived to be world-class in every sphere of education. Some of the Best Practices are as follows:

- Continuous revision and updation of the course through a strong Board of Studies.
- With the aim of International adaptability, foreign language is made compulsory.
- Value added Training Module of Oracle, EMC2 CISCO and Soft Skill are offered as a part of the course subjects.
- Harvard case studies are extensively used to enhance the understanding of the students.
- Students have access to various e-library services and databases like the EBSCO, IEEE databases, Proquest, ScienceDirect for research purposes.
- Regular talks and seminars are arranged with Industry experts so that the students can constantly relate and apply their learning in class to the industry environment.
- Only student chapter of PMI in India is at MPSTME. Thereby imparting Project Management inputs to our students. Opportunity to do Certified Associate in Project Management (CAPM) course.
- FICCI collaboration - MPSTME is participating as the Nodal Institute (Western Region) FICCI for their National Knowledge Functional Hub (NKFH) initiative, for driving collaboration between industry and academia for the capital goods industry. The NKFH would be a hub and spoke model. The Hubs will be connected to industry and colleges in the region.
- NMIMS, ACCENTURE Centre for Innovation in ERP is recently set up at MPSTME and training for students is already conducted.
- MPSTME has established NMIMS-Bosch Rexroth 'Centre of Excellence in 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 equipments 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.
- MPSTME has set up "IIT Bombay Remote Centre" to conduct the IIT Bombay workshops approved by MHRD and ISTE.
- MPSTME has developed "Blackberry Communication Lab", two faculty members are already trained at Blackberry centre at Hyderabad.
- Summer courses are being offered at reputed universities e.g. Ingolstadt-Germany, Technion - Israel, Laurentian - Canada. Meritorious students are offered tuition waiver and stipend for these summer courses.
- Collaborative MS programs are conducted and offered with reputed universities like Stevens Institute of Technology, US.

Soft Skills Training

We provide for a strong foundation for the all round development of the student. To make the student corporate ready, the first year focuses on laying a foundation on the English Language Skills. The second year focuses on Self management and People Skills which include programs on Personality Development, Presentation skills, Goal Setting, Confidence building Conflict Management, Inter-personal Skills, Negotiation Skills, Team building and Decision Making. A pre-placement package in the final year focuses on Interview Skills, Group Discussions, Business Etiquettes and Work Ethics. The soft skills training is compulsory for all the students.

Board of Studies

INFORMATION TECHNOLOGY

1. Dr. Sunita Mahajan, Principal, MET
2. Mr. Akhilesh Srivastava (Head-IP Creation, CIG, Tata Consultancy Services)

CIVIL ENGINEERING

1. Prof. V.B. Vanvari, HOD (Civil), SBMP
2. Dr. A.R. Kambekar, Associate Professor, SPCE
3. Prof. G. Venkatachalam, Emeritus Professor, IITB
4. Dr. H.M. Raje, Structural Consultant/Practicing Engineer

COMPUTER ENGINEERING

1. Dr. S.N. Merchant, Professor, IIT, Bombay
2. Dr. S.G. Bhirud, Director, AICTE
3. Dr. Sasikumar M., Principal Research Scientist, CDAC
4. Dr. S.G. Wagle, Technical Director, MPHASIS S/w. & Services
5. Dr. Poornachandra Sarang, Director, ABCOM Information Systems Pvt. Ltd.
6. Mr. Navjot Singh, Program Manager, EMC Academic Alliance
7. Dr. AmitavaBandyopadhyay ,Head SQC & OR, Indian Statistical Institute., Calcutta

MECHANICAL ENGINEERING

1. Dr. Hari Vasudevan, DJSCOE
2. Mr. Pramod Jumle, BOAT
3. Mr. Louis Periera, Mahindra & Mahindra
4. Dr. R.S. Mani, Tech Nova Imaging System
5. Dr. Ajit Kothadia, Ex-VJTI

ELECTRONICS & TELECOMMUNICATION ENGINEERING

1. Prof. N.S.T. Sai, Tech Mahindra
2. Mr. Ramani Iyer, Ex-DOT
3. Dr. Shivkamy Rajagopalan, DOT
4. Mr. Saurabh Srivastav, NEC
5. Dr. R. D. Daruwala, VJTI
6. Mr. Sunil Kumar K, TCS
7. Dr. Joseph John, IIT Mumbai

CHEMICAL ENGINEERING

1. Dr. K.K. Tiwari (ex. ICT)
2. Dr. Hari Deo (ex. ICT)
3. Dr. D.D. Kale (ex. ICT)
4. Mr. Sahasranaman (Uhde India Ltd.)
5. Mr. Pradyot Jaykar (Free lance faculty)

TECHNOLOGY MANAGEMENT

1. Dr. Bala Krishnamoorthy, Associate Dean, SBM, NMIMS
2. Dr. M.G. Korgaonkar, Director General, NICMAR, Pune
3. Dr. Barun Chakraborty G.M., L & T
4. Mr. Shahrokh Bagli, Strata

MECHATRONICS & INDUSTRIAL AUTOMATION

1. Dr. Prasanna S. Gandhi, Associate Professor, IIT Bombay
2. Dr. K.P. Karunakarn, Professor, IIT Bombay
3. Mr. H. M. Vedant, Joint G.M (D&A), L&T
4. Mr. Suhash Mukundan, Sr. Manager, Yaskawa India. Ltd
5. Mr. Nitish Kati, MD, Pegasys Systems Pvt. Ltd.

B.Tech (Integrated)

1. Prof. U.M. Kantute, Principal, SBMP
2. Prof. Y. I. Shah, I/C Dean (Admn), SBMP
3. Mr. Pramod Jumle, Director, BOAT(WR)
4. Mr. P.K. Shah, Ex. L&T Ltd
5. Mr. Devang Parekh, Sr. Research Associate, AICL Communications Ltd
6. Mr. ParesH Haria, PCS Technology

MPSTME Mumbai Campus

In addition to facilities at the main campus of NMIMS, Mukesh Patel School of Technology Management & Engineering is having a separate building with approx 1,20,000 sq. ft. area, which is on Plot A4 of SVKM on Bhakti Vedant Swami Marg, JVPD Scheme, Vile Parle (W) at a walking distance from the main campus of NMIMS. Administrative Block and faculty areas and other state-of-the-art facilities are present in this building. Further space of 60,000 sq. ft. is being planned for future requirements.

Library

MPSTME Library is an essential component of the Institute, which collectively support the teaching, research and extension programs of the Institute. The well-furnished and air conditioned library is located on the ground floor of the institute with seating capacity for 110 students. The library is divided into two sections: The Reading Hall with Stacking Area and The Administrative Area. The library provides comfortable and friendly environment that enables learning and advancement of knowledge, and promotes discovery. The mission of the library is to facilitate creation of new knowledge through acquisition, organization and dissemination of knowledge resources and providing for value added services. Library is fully automated with Libsys software. Library database (OPAC), which is currently on intranet, gives detailed information about library books (more than 11,500). Students can find out the real-time availability of library materials from their own computer terminals. The Library has an open access system facilitating the free use of materials on the shelves.

It has a rich collection of books predominantly related to management, engineering and allied subjects and periodicals (National / International), audio visual materials as well as 28 electronics resource such as Ebsco, ProQuest, Jstor, IEL Online, Springer, ASME, ASCE, Science Direct, ASTM DL, J-Gate, ACM DL, E-brary, McGraw-Hill books, Pearson books, ISI emerging markets, Crisil Research, Frost & Sullivan, CMIE: Economic outlook, CMIE: Prowess, Capitaline, CEIC Database, India Stat, WARC, TVADINDEX, Harvard business school publishing, Manupatra, West Law and NPTEL Online videos. The Library offers several innovative information services including Journal's Content Service, News Paper Clipping Service, Orientation and Monthly Documents Additions Lists.

Computer / IT Labs

Sixteen Computer / IT labs with 300 work-stations connected to internet supported by a 3 mbps leased line are available for use of the Students. It is also equipped with a wide range of licensed system software and applications software. The entire campus is connected with Wi-Fi network.



Science Basic Labs

Chemistry and Physics labs with well equipped instruments are available for the students.

Chemical, Mechanical & Civil

Engineering Labs

The School has well equipped labs for Chemical, Mechanical and Civil Engineering.

Electronics & Telecommunication Lab

Various labs namely, Electronics & Logic Circuits, Microprocessor Lab, Electronic Circuits and Micro-Controller, Digital Design Lab, Communication Lab & Advanced Communication Lab have been set up for use of students of all streams. MPSTME proposed to set up LUCAS – NULLC laboratories in the area of Communications and Network Technologies shortly.

EMC² Lab

MPSTME has a academic tie up with EMC² - the world leader in storage products. Also, EMC² storage equipment has been purchased to enable students to get hands on experience in Infrastructure Systems Management. The course work is designed around EMC² prescribed course work. This helps students get EMC² certification easily, which helps in placement in top companies.

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 equipments to conduct training for CCNA exploration.

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 quickly productive in industry.

Audio Interactive Language Lab

NMIMS has pioneered the initiative of scientifically assisting students in preparing for group discussions or job interviews by developing an Audio Interactive Language Lab on the campus.

Lab Support Staff

Lab Support Staff are available to assist students in planning and performing practicals / projects.

Classrooms / Halls

All classrooms in the campus are air conditioned and have ceiling mounted LCDs with facility of Mikes, Speakers and Amplifiers. MPSTME has well equipped air conditioned Seminar Halls, Drawing Hall and Conference Hall for various programmes.

Accommodation for Students

Hostel for Girls

NMIMS has a well furnished hostel for girls by the name of MKM Sanghavi Girls' Hostel, which is located in close proximity to the university. Along with this, few limited residential flats are also available for providing accommodation to girl students.

Hostel for Boys

Limited hostel accommodation is available for boys at G. R. Jani Boys' Hostel. Besides this, a few residential flats are also hired for providing accommodation to boys.

Note: The hostel accommodation is very limited and the university will assist the students in finding a suitable accommodation.





MPSTME Shirpur Campus

Shirpur is a town in North Maharashtra adjoining Madhya Pradesh and Gujarat. The state of the art infrastructure facilities are provided to the student with quality education at reasonable fees. Shirpur is a perfect example of a model township which has been developed by local organization under the leadership of Hon'ble Shri. Amrishbhai Patel, MLC, Maharashtra, President SVKM and Chancellor, SVKM's NMIMS.

Shirpur is one of the best towns in Maharashtra located in Dhulia District, which has the border touching to Madhya Pradesh and Gujarat. It is well connected by Road and Rail to Mumbai in Maharashtra, to Indore in Madhya Pradesh and to Vadodara in Gujarat. There are plenty of trees in and around the town and pollution free environment. The Shirpur Municipal Corporation was given the best Municipal Corporation Award by the State Government. The cleanliness of the town is maintained throughout the year. The drinking water is supplied after the purification in the modern plant. The education facilities, medical facilities, open area, playground and other amenities are superior to those available in many big cities in the country. Shri Vile Parle Kelavani Mandal started its Military School in the year 2000 and from the year 2007-08 it has started the Off Campus Center of its NMIMS University on a land area of about 50 acres.

Some of the top class amenities of the town include excellent medical facilities, modern primary and secondary school, pharmacy and engineering colleges, 24 hour UV purified water, modern well lit roads and a town hall which is a rarity in many cities in the country. It also boasts of the world's largest gold refinery and a spinning mill. It recently won a best township award from the Government of Maharashtra.



Key Point of SVKM's NMIMS at Shirpur

- Away from the hustle-bustle of the city; the Shirpur off Campus Center, embraced by lush greenery is breathtakingly beautiful. The unpolluted, quiet atmosphere here creates the right ambience to study.
- Modern facilities provide ambience & support for curricular, co curricular & extracurricular activities for the overall development of students.
- 24 X 7 availability of Library, Laboratory with Internet facilities and dedicated and qualified faculty to ensure high standard of teaching – learning and evolution processes.
- Offers a blend of traditional and modern teaching techniques, with top rated faculty members.
- Periodic review and revision of curricula based on feedback from the industry with quick response to ensure the relevance of the programs to the changing needs of industry.
- Regular visits of the renowned & proven academicians / professionals from well known Industries, Research Organizations, IIT's and Top Ranking Education Institutions.
- Extensive use of e-resources with web based Black Board Learning Management System in Teaching and Learning.

- Value Added Training programs in collaboration with industry and reputed institutes.
- Well equipped Labs, Research and Innovation Centers
- BOSCH Center of Excellence in Automation Hydraulic, Pneumatic, PLC, Sensorics Mechatronics, and Robotics Labs.
- IITB Remote Center to conduct various workshops and seminars for faculty members under National Mission on Education (NME-ICT), MHRD Schemes.
- Accenture Innovation Center
- Spoken Tutorials (IITB) – Self paced e-learning platform to learn programming languages and open source softwares.
- QEEE is new live lecturing platform in collaboration with IIT Madras.
- As shirpur is a textile hub in North Maharashtra and B.Tech Textile students are having direct exposure to industry and practical are conducted in textile industry.

Value

Shirpur off Campus Center delivers an outstanding value in private professional education; Students work closely with professors in the residential campus, have extensive research and publishing opportunities and are provided access to advanced equipment.

Depth

Emphasis is on a well-round education that has resulted in good academic result, which is the core of all undergraduate study. The curriculum develops students through exposure to diverse areas of study and it emphasizes critical thinking and communication skill. This added depth gives a competitive edge to students in professional programs.

Connections

NMIMS offers more than an excellent education. Professional direction for students is offered through the involvement of key industry advisory boards, corporate partners and student's pre-professional organizations.



Campus Network

The campus network is based on a fiber optic back bone and GigaBit Ethernet technologies. The campus Network covers the class rooms, library, laboratory and hostel. The internet has all computer nodes and Laptops which are interconnected by a fiber optic network. Every classroom is equipped with Laptop / PC and LCD Projector integrated with campus wide Network.

Wireless Hotspots

In addition to the wired network, the entire campus has a parallel wireless network. you will be able to access the entire networked resources from virtually anywhere in the campus. Branded Laptops with Mobile Technology has been provided for the same.

Students can Access the Internet round the clock and the learning resources available on the Campus Network. Black Board Learning Management System is extensively used to share knowledge and create an online learning environment. Thus, it makes possible for the students to access information resources from anywhere and anytime.

Internet @ 28 mbps (1:1)

All members on the internet have access to internet 24 hours a day, through 28 mbps Internet Line. The internet bandwidth is enhanced every year.

Research

All the Department presently have the twin objectives of delivering useful courses and of carrying out meaningful research. The NMIMS has carried out research works in multidirectional fields within its scope under the sponsorship of several organizations and has helped in solving quite a large number of problems for practicing engineers.

Software Library

The Software environment includes Windows Client with Windows 2003 Server, SQL Server, DBMS, MS Office (Campus Wide License), Firewall and Spy wares, Oracle Package, Visual and Object Oriented Languages like Visual Basic & Visual C++ with .Net and Turbo C++, Java, Rd Hat Linux Original Pack, Squid Proxy Server etc.

Central Library

Fully computerized and well stocked Library, with online access to books & E-journals where the thirst for knowledge is quenched. Library includes not only paper versions, but also electronic versions. CD-ROMs, Multimedia and online products

- Sufficient number of Library books / Tiles / Journals are available. (programmer-wise).
- Subscription for online National / International Journals and Digital Library.
- E-Library Facility is Available.



It has a rich collection of 32000 books complemented by seventeen various full text databases and 70,000 e-books from renowned publishers, videos etc. Covering 45000 Sq ft area.

- Backbone: Highly qualified dedicated faculty and Staff .
- Linkage with renown Educational/Research Institutes IITB remote centre, IITM QEEE, Technion University, Seneca Canada Stevense institute USA.
- Well Equipped sophisticated laboratories with instruments like HPLC,GC,UV/Vis Spectrophotometer, Auto titrator, Auto Analyzer, FTIR Brookfield Viscometer etc.

Computer Engg. / Information Technology

Nine Computer / IT labs with 350 work-stations plus connected to Internet supported by a 70 MBPS leased line are available for use of the Students and staff. It is also equipped with a wide range of licensed system software and applications software. The entire campus is connected with Wi-Fi network.

For each Laboratory all required Modern Quality Equipment and Facilities are Available. The Computer Laboratories have latest Pentium computers / High End Intel® Corei3 systems with Windows XP / Linux OS with Wireless NICs in LAN, Printer, Scanner, DVD Burners, and Digital Cameras. These Laboratories provides various network based services such as Internet, Groupware, Database, Proxy, Email, Printing, Laptop & LCD Projector, Computer Center & Services etc. There are IBM & Dell Power-Edge servers and HP/Dell branded Workstation and Laptops. Campus Network – Internet / Intranet (Designed by CISCO) with Intelligent Switches and Hub to switch workstations connected as nodes. These would used for providing computer training and hands-on Practice to the students and also for running short term courses for the

same. Facilities for R & D activities are available for faculty members and research scholars. These machines have 24 hours connectivity with Internet and have access to E-mail.

Aakash Center, IIT, Bombay under the IITB & Aakash Project provides new technologies and tools are developed to further enhance the educational experience. Application development and content porting to Aakash tablet is being ramped up. Institute is registered as Remote Center for enhancing research and teaching experience. Research at this centres, aims at developing useful Open Source applications and contents for different versions of the tablet. These range from animations to scientific computing, and encompass the spectrum covering various courses taught at MPSTME, Shirpur.

Blackberry Lab

Under the collaboration with Blackberry, Institute aims at enhancing the educational and research experience for mobile application and tools development. It also equipped with the latest blackberry devices like blackberry Z10 and blackberry playbook.

Electronics and Telecommunication

The department of Electronics and Telecommunication has state of art laboratories namely Electronic Design, System Characterization, Electronics System Prototyping Facility, Optical Networks, Digital Design, Signal Processing, Microwave, etc. All the laboratories are well equipped with updated software such as MATLAB, IE3D, Xilinx and the hardware with latest configuration. All the computers are connected on LAN and Internet leased line.

Faculty Members of this department are actively participating in various conferences, workshops, seminars, training programmes at national and international level. The faculties also presented technical papers at national and international level conferences.

Mechanical & Workshop Complex

Mechanical Department has 11 well equipped laboratories with latest instruments. Rankine cycle power plant, Universal testing machine, Hydraulic turbines, Diesel and Petrol engine test rigs, Vibration Measuring instrument, Different profile projectors are few to take the names. Mechanical Workshop includes medium and heavy duty lathes, universal drilling machine, vertical milling machine, shaper, planer and CNC machining centre. The department is blessed with well equipped with computational facilities and resources both in terms of hardware and software. SVKM's NMIMS is starting BOSCH Center of Excellence in Automation Hydraulic, Pneumatic, PLC, Sensorics, Mechatronics, and Robotics Labs to explore research in interdisciplinary engineering areas like Mechatronics, Robotics etc.

Dept. of Civil Engineering

Department of Civil Engineering is equipped with Concrete Structure Lab, Geotechnical Lab, Survey Lab, Model Room and Universal Testing Machine in Strength of Material Lab etc.

IEDC

Innovative Entrepreneurship Development Centre (IEDC), with the purpose of fostering and encouraging entrepreneurship amongst students, faculty and staff, and alumni of SVKM's NMIMS or any individual or group, interested and passionate for entrepreneurial activities. Students are encouraged to establish startup companies on campus.

Lecture Halls

The Lecture Hall is airy, spacious and well ventilated, in conformity with international standards. Extensive use of audio-visual media and LCD Projectors enables the students to grasp advance technology quite easily.

Conference Room

A conference room of corporate standard is one of the highlights of Shirpur Campus. Ultra modern Facilities to conduct board meeting, campus recruitment are available here.

Seminar Hall

A seminar hall built to international standards is exclusively for intellectual activities like paper presentations, seminars, workshops, debates and inter-collegiate competition. Guest Lectures for the students and faculty improvement programs etc can be conduct here regularly.

Hostel Facility

Separate hostel facilities are available for boys and girls. The Shirpur Campus Hostel has been constructed to provide a safe and congenial atmosphere to the students. Airy room luxuriously furnished with attached bathroom, access to Computer Lab, Cyber Center, Canteen, Library, Audio Visual Facility, Water cooler with purified drinking water, TV Room, Indoor games room and Gymnasium and a senior faculty member as Warden-Friend-Guide-Philosopher are the exclusive feature of the hostel. Ragging is strictly prohibited and strict discipline is maintained. 24 hours medical facility is available. The Campus is set amidst sylvan surroundings, enveloped by fresh air and greenery on the Mumbai-Agra Highway, away from the hustle and bustle of the city. The imposing building and the lush green lawn are wonderful salubrious ingredients for meaningful learning. Every effort has been made at this Campus that the main building conforms to high standards of quality in construction. Every minute detail has through about, planned and executed in this Center for Learning.

Transport

Transport facility to shirpur for boys and girls and strict monitoring by campus administration is prohibiting students from going to wrong places. To ensure safety and security and avoid unnecessary movement of student to shirpur town. Most of the services are made available at campus stores.

Linkages

Linkages with the Community

Students are encouraged to become members of Professional Bodies and the school is also a corporate member of a number of such bodies. Students are also encouraged to form student chapters of Social Forums like Rotract Club and Social Responsibility Forums through which they are channelized to work for the community.

Linkages with Technical Institutions in the Region

The school has on its Board of Studies several leading educationists like Principals, Ex-Principals and Sr. Professors of reputed engineering institutions, Ex- Director-IIT-Madras, Director-CDAC, etc. Continuous interactions are maintained with these institutions.

IIT Mumbai Remote Centre

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 for Education through ICT Empowerment of Students and Teachers through Synchronous and Asynchronous Instruction". The listing of our school can be found on the website: <http://59.162.23.81/nmeict/wsmng/allrc.php?page=4>

Linkages with Professional Bodies

The chapters and students' chapters of several national and international professional bodies are established at NMIMS and are organizing various activities. This includes IEEE, ISTE, IICHE, ISTD, ISME, IETE, PMI, AIESEC ASCE, ASME, SAE, ISA, ASM & etc.

Linkages Abroad

In order to ensure that our brew has global appeal, NMIMS University has been collaborating with global institutions of repute. The relationships already exist with the following:

- Harvard Business School
- Grenoble Ecole de Management, Grenoble, France
- University of Houston, College of Engineering, USA
- Case Western Reserve University, Cleveland, USA
- Hanze University, Netherlands
- Technophilia & iCarnegie Inc., Pittsburgh, USA
- Ingolstadt University of Applied Sciences, Germany
- SAP Universities alliance program, Germany
- CETYS University, Mexico
- Warwick University, UK
- Steven Institute Of Technology, US
- Tel Aviv University, Israel

Industry - Institute Linkages

NMIMS is proactive in Industry-Institute Partnership addressing all aspects, which enhances networking between academia and industry. The university maintains a sustained relationship with companies to expose the students to the realms of the corporate environment.

The primary focus of the school is to provide students with excellent education relevant to the present and emerging industry requirements. For this purpose the industry linkage is an important factor and this is in-built into the curriculum. Some of the steps taken in this direction are

Industrial Training & Project Work

During third year students of MBA (Tech.) Program undergo industrial training and a minor project of 2 months duration. The objective of this training is to familiarize the students with the overall working of the Industrial Organization in their respective area of specialization & also to undertake a project.

During the fourth year the students undergo a major project of 3-5 months duration in the industry. This project will address the industry's pressing needs in any techno - managerial field. The objective of the programme shall be to enhance the students' managerial skills & promote a strong bonding with the industry.

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

Under B.Tech programme, students are required to undergo four to six weeks summer training in industry at the end of third year. It gives the interns a glimpse of the corporate arena and allows them to develop their skill sets. The college placecom maintains a database of students' profiles through which companies can search for prospective interns meeting their project requirements.

Eminent Recruiters

99 ACRES	FORBES MARSHALL	PAYTM
ABECL	FORCE MOTORS	PEPSICO
ACCENTURE	FRAPP	PHILIPS
ACHIEVERS ZONE	GATEWAY TECHNOLOGIES	PORTESCAP
ADDONIX	GENII TECHNOLOGIES	PRAGMATIX
ADIDAS	GLOOB DÉCOR	PRDXN
ADVISESURE	GODREJ	PRICE WATERHOUSE COOPERS
AIRCEL	GOZOOP	PROTHOUGHTS
AJMERA REALTY & INFRA PVT LTD	GRAVITAS	PUNJAB NATIONAL BANK
ALL CARGO LOGISTIC LTD	HDFC BANK	QUALICOM
AMDOCS	HDFC LTD	QUALITY KIOSK
AMERICAN TOWER	HEXAWARE	QUINNOX
ANB GLOBAL	HP	RALLIS
ARANCA	IBEXI SOLUTIONS	RBS
ARISTON CAPITAL	IBM	REECA INFRASTRUCTURE PVT LTD
ATIDAN	ICICI BANK	RELIANCE JIO
B2X	ICICI PRUDENTIAL	REMI GROUP
BAJAAO.COM	ICICI SECURITIES	RESERVE BANK OF INDIA
BARCLAYS	ICICLE TECHNOLOGIES	RUNWAL
BAUSCH & LOMB	IDEA	S & P'S CAPITAL IQ
BIG RATTLE TECHNOLOGIES	INDIA INFOLINE	SANDA WELLNESS
BIO CHEMPLANT	INDUSIND BANK	SANDVIK
BIZONGO	SOLUTION	SANMAR GROUP
BNP PARIBAS	ING VYSYA BANK	SBI LIFE INURANCE
BOMBARDIER	INGRAM MICRO	SECLORE TECHNOLOGIES
BOOK MY SHOW	INOPEN TECHNOLOGIES	SHETH PUBLISHING
BUSINESS OF INDIA	INTELLIGENCEPLUS	SIEMENS FINANCIAL SERVICES
CAPITAL FIRST	JAGBROS GROUP	SIEMENS LTD
CARTESIAN CONSULTANT	JARO EDUCATION	SMERA RATINGS
CASHMERE WEAVER	JUST DIAL	SOCHEERS
CELITE TYRES	KARVY	SS&C GLOBE OP
CENTRAL BANK OF INDIA	KNIGHT FRANK	STATE BANK OF INDIA
CENTRUM DIRECT	KOTAK MAHINDRA BANK	SUNKERSETT FINANCIAL ADVISORY
CHANNEL CODE	L & T INFOTECH	SUPERDOC
CMIE	LEIGHTON WELSPUN	SWIDOS
COCA COLA	LG INDIA	SYNTEL
CORE SERVICES INDIA	LIASES FORAS	SYSTANGO
COUPONDUNIA	LOWFUNDWALA	TATA AIG
CREDENCE ANALYTICS	MAA BLURB	TATA COMMUNICATIONS
CREDIT SUISSE	MADISON	TATA CROMA
CRIMSON INTERACTIVE	MAERSK TRAINING	TAVANT TECHNOLOGIES
CRISIL	MAHINDRA & MAHINDRA LTD.	TCS
CUSHMAN & WAKEFIELDINFINITE	MARRIOTT INTERNATIONAL	TEACH FOR INDIA
COMPUTING	MASTEK	TECH MAHINDRA
CYBER MARINE	MATRIX	THIRDWARE SOLUTION LTD
DATACARD	MAX PROWESS	THOMSON REUTERS
DELOITTE	MILESTONE INTERACTIVE	THOUGHT WORKS
DELPHIAN LOGIC	MINDCRAFT	TORC STAR BOLTING TOOLS
DEVELOPMENT BANK OF SINGAPORE	MISYS	TRANSPARENT VALUE
DIMENSION DATA	MONARCH INNOVATIVE TECHNOLOGIES	TRESVISTA FINANCIAL SERVICES
DIRECT I	MOTILAL OSWAL FINANCIAL SERVICES LTD	TRIPDA
DOODLEBLUE	MOTILAL OSWAL SECURITIES PVT LTD	TUSCAN VENTURES PVT LTD
DR. BATRA'S	MUSAFIR.COM	TUTLEMINDS
DUN & BRADSTREET	NABARD BANK	TVS MOTORS
ECCENTRIC ENGINE	NATIONAL STOCK EXCHANGE (NSE)	UBM CONFERENCE
ELGI TECHNOLOGIES	NCDEX	UCO BANK
ENGAGE4MORE	NEROLAC	V M WARE
ERICSSON	NETCORE	VIACOM18
ERNST & YOUNG	NIELSEN	VISTEX
ESTIRE	NOMURA	WNS
EY GLOBE	NSDL	XL DYNAMICS
FABTECH	NVIZION SOLUTIONS	YODLEE
FACTSET	ORACLE FINANCIAL SERVICES	ZIMMBER
FIS GLOBAL	ORIFLAME	ZIP NEWS
FLATCHAT	OUTLOOK GROUP	ZS ASSOCIATES
FOOD TROPIS	P – MECH	ZYCUS



Feedback from Industry

Siemens Financial Services

Most of the candidates showed above average awareness, confidence & Clarity. Overall a good Batch.

Accenture

"NMIMS students are industry ready and well groomed. Quality and Co-ordination went beyond expectations. Students Quality was as expected & looking forward to same in coming years. Loved the Campus. The hospitality was amazing be it the staff or the students. Thanks a lot for all the help & support. Thanks again!!"

Tata Croma

Good exposure to students through long Internships.

Ernst & Young

"Very well organized. Extremely structured. Bunch of Enthusiastic students. All the Best!!"

The Service Solutions

Overall a good experience & students were found to be reasonably ready for Industry. Wishing All the Best!

Mu – Sigma

"Very courteous, helpful, attentive & smart students. Keep it up!!"

Seclore Technologies

"Very good team. Good talent. Very Good Infrastructure & Hospitality. Would like to visit again next year."

Tresvista Financial Services

"Very good experience, nice bunch of people, talented & impressive. Looking forward to build a relationship. Excellent College, great infra & thank you for the great hospitality."

Students Initiatives

Cultural Committee

"The culture of an individual, comprising positive personality, strength and vision to excel in life, is cultivated through events and people around them."

Every year committee organizes events like Freshers' Party, DandiyaRaas, Traditional Day, Chocolate Day, "Cultural Carnival" etc. The cultural committee is a committed team of faculty members and cultural supervisors who guide and help the students to cater to their aesthetic urges.



SATTVA (Cultural Festival)

'SATTVA' the Annual Cultural Festival of our college is organized by the Cultural Committee, Technical Committee and Sports Committee of MPSTME endeavors to nurture the spirit of dynamism, unity, strength of character and sportsmanship in the students. In its relentless pursuit of bringing the talents of its students to the fore, the committee regularly organizes several competitions throughout the year, including an annual mega national fest at the end of each academic year. The competitions include the annual literary events, performing arts, management events and creative events which include debates, quizzes, creative writing competitions, singing talent hunt, dance competitions, painting competitions, tattoo making and much more. This year SATTVA was highlighted by the live performances of singers like Sachin & Jigar, DJ by Lost Stories and Willy.



Sattva, the grand annual festival of MPSTME, is a mega festival consisting of Technical, Management and Cultural events. The festival includes many professional workshops as well. The festival is entirely managed and run by the students of college.

Technical Committee

The word TECHNICAL refers to 'knowledge and proficiencies required in the accomplishment of engineering, scientific, or any specific task.'

The Technical Committee of SVKM'S NMIMS MPSTME is a group of technically efficient teachers and students who work towards enhancing as well as discovering technical abilities in students by organizing various workshops and competitions like technical quiz and debugging competition under the guidance of experts who share their knowledge with students.



TAQNEEQ (Technical Festival)

The Technical committee of MPSTME organize a Technical Festival, TAQNEEQ with the various theme every year. The festival being an exemplary exhibition of various competitions, workshops and seminars under the auspices of pre-eminent companies like Microsoft, Red Hat, Tata Communications and Axiom Education. The two day event welcomed elite guests from the industry.

TAQNEEQ provided the students a stage to portray their talent and creativity under various technical events and eclectic events. This year IGNITE 1.0 (A DJ Night) was started by team TAQNEEQ.



Sports Committee

Organizes the various indoor and outdoor sports competitions and tournaments throughout the year along with the tremendously enthusiastic Sports Day i.e Conquer. The Sports Committee is connected with organizing various intra-college sports events throughout the year and encouraging more and more students to participate in many indoor and outdoor sports activities which include cricket, football, volleyball, chess, and carom and badminton tournaments at various levels.



Colloquium

Colloquium is the student-industry interface which exposes students to highly successful people across industries. They organize various guest lectures by prominent professionals round the year.

In our quest to bring a unique perspective to technical and management education, we at NMIMS-MPSTME have a very strong thrust on the development of industry linkages through the guest lecture series which helps in imparting practical insights to the students. Following the huge success of Colloquium at NMIMS, the same model was applied at MPSTME, with the formation of colloquium-MPSTME on July 6, 2007. The major objectives of Colloquium are to help students meet their long term needs as maturing professional as well as their immediate needs upon entering their profession.

Colloquium aims at bringing the students in touch with the leaders of today's corporate world, to mentor the students and thus help them take charge of tomorrow.

Social Impact Cell

Social Impact believes in giving back to society by doing as much as they can. They organize donation drives and pay visits to orphanage and old age homes.

NMIMS believe that social responsibility is the key contributor to progress and hence the institute has courses designed to sensitize young managers to their social responsibilities. As an outcome of this social sensitization process, students form "Social Responsibility Forum (SRF)", a voluntary association of students.



Social Impact Cell is active throughout the year, constantly organizing events, drives, movie shows. This year we organized an ambulance rally and Swach Bharat Abhiyaan, undertaking consultation for NGOs etc.

Our mission is to organize consolidate campaigning for social causes and welfare at the district, city, state and eventually national level and to offer our consultancy services to NGOS' to enhance their management and functioning.

At Students' Council we believe in "the purpose of education is to enlighten the student as to how to fill their own minds, rather than to fill it with it facts for a test."

Placecom

The placement committee is the student activity to compliment the faculty endeavor for arranging placements for students. It works towards in recognizing the core competencies of students to better serve the interest of their batch mates. In order to accomplish industry institute interactions, it organizes technical talks and national seminars to provide a platform for budding managers to interact with professionals from various industries.

Project Management Institute (PMI)

Project management is a key thrust area for the MBA-Tech programme being conducted by SVKM's NMIMS University MPSTME. PMI is a worldwide apex body of PM professionals with chapters all over the world. PMI in MPSTME jointly organizes guest lectures, competitions, quiz etc. A student branch of PMI-Mumbai Chapter in MPSTME Campus was launched on October 18, 2008.

Team Screwdrivers

Screwdriver is an integral device in a mechanic's toolbox. It has that force that it locks the screw that holds the entire machine together. We at Team Screwdrivers are here to fix together our research, expertise, passion and guidance to create a unique solution for Technological Barrier.

We, at Team Screwdrivers are looking forward to kicking it up a notch. The stakes have increased significantly, with the biggest challenge for us being performance of tasks under a sheet of ice, with only the visuals from the ROV cameras.

This year, the theme of the 14th Annual MATE ROV competition is "Science and Industry in the Arctic." The competition is scheduled from June 25th to 27th, 2015 at St. John's, Newfoundland and Labrador, Canada. St. John's is the starting point for numerous scientists working in polar environments.

Team Screwdrivers felicitated by Hon'ble Chief Minister, Shri Devendra Fadnis for the best wishes for 14th Annual MATE ROV competition.



Team Technovators

Team Technovators represented Mukesh Patel School of Technology Management and Engineering took part in the NASA's Human Exploration Rover Challenge held at U. S. Space & Rocket Center Huntsville, Alabama, USA from 16th - 18th April, 2015. The team won the "Best System Safety Engineering" Award and the "Team Spirit Award" among the 99 teams which took part in the competition. It was the only team to bag two international awards for India. The team got the opportunity to meet and was congratulated by HRD Minister Smt Smritilrani at Shastri Bhuvan in Delhi. The interaction inspired the team and motivated them to contribute to the society.



ASM

ASM International is the world's largest association of metals-centric materials engineers and scientists. We are dedicated to informing, educating, and connecting the materials community to solve problems and stimulate innovation around the world. At MPSTME ASM INTERNATIONALS Students Chapter focuses on disseminating knowledge by organizing industrial visits, Technical Lectures, Seminars and Workshops to prepare students for the latest challenges in the Industry. ASM INTERNATIONAL MPSTME CHAPTER is a link for students to interact with various industrialists and explore more and more in Engineering field.



ASME MPSTME

Is a not-for-profit membership organization that enables collaboration, knowledge sharing, career enrichment, and skills development across all engineering disciplines, toward a goal of helping the global engineering community develop solutions to benefit lives and livelihoods.



MPSTME CESA

"Connection is everything". Staying connected to the reality of the world has become indispensable.

Technology has coerced us to transcend our knowledge beyond the hard-bound covers of our text-books, to think out of the box and to reach out to the horizons of pragmatism. MPSTME-CESA is formed with the vision 'To Create competent Civil Engineering professionals and employable individuals with sound technical and management credentials to take part in state-of-the-art infrastructural development with global ensign for the benefit of the society under the guidance of our Dean, Dr. Sharad Mhaiskar,



The American Society of Civil Engineers (ASCE) is one of the most reputed and leading associations of Civil Engineering Industry Professionals and Academia including students, working globally. It is known for its commitment to deliver the state-of-the-art technology to the Civil Engineering fraternity by presenting the latest research through its Journals & Conferences in various Civil Engineering fields, and other activities organised from time to time. ASCE has various affiliations all around the world. Hence, efforts are being made to associate MPSTME-CESA with ASCE as its Student Chapter. This association will not only enlighten the emerging civil engineers by deciphering the treasure of knowledge, but will link them to the global network of Civil Engineers from different super-specializations. This will provide the opportunity for the students to be a part of the global community and hoist the flags of MPSTME at the international level. MPSTME-CESA will thus be helpful to the students to pave the paths of their successful career as professionals.

Protsahan

PROTSAHAN is the Annual Cultural, Technical and Sports Festival organised every year by the students of SVKMs NMIMS shirpur campus. Annual festival conducted and managed by the students under supervision of the faculty and staff members. Apart from sports, cultural and technical events, Protsahan comprises some social events also. This activity helps to enhance creativity, event management skills and showcase hidden talent of the students.

Amboria

Amboria is the technical fest conducted under students of SVKMs NMIMS shirpur campus. It is aimed at mobilising the keen minds in the engineering institutions. Through Amboria students can inculcate the importance of individuality and originality which are vital in most of the engineering prospectus these days. To inspire students to think, develop and come as pioneer of technical interpretation are Amboria's prime objectives.

Placement

MBA (Tech). Placements – 2015

MBA (Tech) Programme, is the first of its kind in the country, was launched in 2004 by NMIMS University to address major industry requirement, viz. the amalgamation of Engineering & Management fields into a single capsule.

MBA (Tech.) is a Dual Degree 'B.Tech. and MBA(Tech.)' integrated course that aims at the amalgamation of Engineering and Management spread over a period of 5 years.

In this programme the students are awarded with B.Tech degree in their respective branch of Engineering i.e. Information Technology, Computer Engg., Electronics & Telecommunication Engg., Civil Engg., Mechanical Engg., Chemical Engg. And Electrical Engg. Concurrently, they also specialize in Management disciplines like Finance, Marketing, Operations & Project Management and ICTM.

The Placement activities are divided into 3 Phases.

- Summer Placements for the Third year students in Technical Internship
- Summer Placements for Fourth year students in Management Internship.
- Final Placements for the Fifth year students.

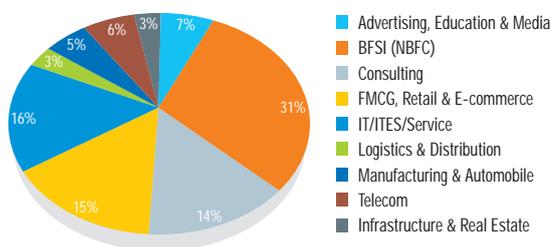
Package for Batch 2014-15

Highest Package: 13 Lakhs per annum

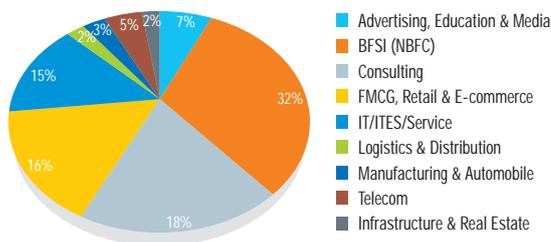
Average Package: 6.25 Lakhs per annum

Final Placements

Companies : Sector-Wise



Students Placed : Sector-Wise



B.TECH PLACEMENT – 2015

Mukesh Patel School of Technology Management and Engineering is affiliated to NMIMS University and has a full-fledged Placement Cell that provides placement assistance to all full time students.

The Placement Cell (Faculty and Staff) work towards providing students with Internships and Final Placements. The Placement Department operates all year round with a view to facilitating a connect between fresh graduates and the corporate world.

The school has a dedicated Placement team which handles the Training and Placement related needs for different courses.

B.Tech / MCA / M.Tech

The B.Tech Placement Cell handles the Internships and Final Placements of students pursuing a B.Tech / M.Tech / MCA program

Internships / Industry Projects

B.Tech: Students are encouraged to complete a 4 to 6 weeks internship in industries relevant to the specialization they are pursuing which gives them exposure to corporate culture and functioning of industry

MCA: Students complete a 6 month internship between January and May during their third year.

M.Tech: Students complete a year-long project in industry during the final year of their program.

Final Placements

After the completion of their respective courses, students get placed in varied companies depending on what path they would like their career to follow.

Package for Batch 2014-15

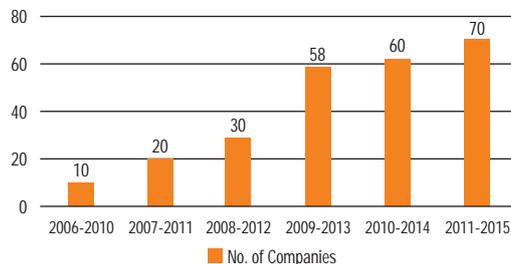
International Package: 233,490 YEN – (Rs. 25 Lakhs INR)

Domestic Package:

Highest Package: 8.09 Lakhs per annum

Average Package: 4.30 Lakhs per annum

No of companies that have considered our students for Final Placements



Students Speak

Had the best experiences of my life and that was gifted by my college.

The day when I got placed was the happiest moment and I was proud of being a part of the institution.

Pranali Talsania

MPSTME provided me with the professional industry oriented training, where I am prepared to go to any industry with confidence. MPSTME provides platform where we are taught to face the world with passion. MPSTME helps to make student more tougher, smarter and responsible so that he can survive and become successful outside the gate of MPSTME.

Himanshu Goyal - ICICI Bank

The internship programme is vital for the students and from an individual perspective, it gave me the insight and exposure necessary for facing the challenges in the practical world.

The activities organized by college and the placement cell on personal training and grooming were extremely helpful. Also the support lent by college for us to pursue a variety of activities was truly appreciable and allowed an overall growth.

Kartikeya Sharma

The most enriching experiences I have witnessed as a student at MPSTME have been the plethora of opportunities available and the freedom given to the students to utilize them to the fullest.

I have represented the college at Harvard WorldMUN in Singapore, Vancouver and Melbourne and am the only student from an Indian University to win it twice with my co-delegate. Moreover, my participation in The Resolution Project in Melbourne, approved by Dr JP Gandhi sir, enabled my team to present our social venture at a world stage and win funding to establish our own NGO. These, among many others, remain my most enriching experiences.

The institution has given a lot to me to be grateful for and I would love to be of any help to ensure it continues to grow at a herculean pace.

Gursmeep Hundal

I believe everyday has been enriching at this institute... There was so much to learn not just in academics but apart from that, seminars, workshops, exhibitions etc.

Hurratul Maleka Taj

"The rigorous course curriculum taught me one of the most important lessons of my life, that it always takes a lot of courage to follow an unconventional path. But once one 'connects the dots', everything will make perfect sense".

Anushree Goyal - McKinsey & Co.

The Institution has taken steps on various fronts for promoting Industry-Academia interface. The students are made available labs set up in collaboration with Bosch, Cisco, Accenture. Teachers are trained to assist students and help them learn. For better understanding of the technologies, academic courses are regularly updated with the of view industry standards. Apart from academic initiatives, students are presented with opportunities to attend industry workshops, seminars; students are encouraged to do internships to gain industry knowledge. All this helps in promoting the Industry – Academia interface and growth of students.

NMIMS University has a culture of innovative thinking. Students are encouraged and motivated to innovate in all fields of study. This reflects in our students participating in competitions like one organized by NASA, BARC, and other prestigious institutions. Tie-ups with universities around the globe also help in exchange of ideas.

Ashish Kumar Bharti

The four years at MPSTME has brought a radical change in my personality. Right from the classes to extra curricular, MPSTME has given me a chance to try it all. From being a shy person it has helped me develop my personality over the 4 years and as I moved out the change was there for all to see. The classes with the well designed practicals helped me in understanding the concepts better. The subjects were taught keeping in mind the requirement of the industry. Two compulsory seminars educated me on how to research on topics. Continuous presentations helped in developing presentation skills. The minor and major project helped in putting to use all that I had learned till then. Moreover internships in other college courses were optional while we had it as a credit course and was mandatory. This helped me a lot as I got to know how the industry works in actual and it was a nice learning experience to work with professionals. This just shows how much is the institute promoting Industry Academia. The support from the faculties only encouraged me to do better. National and International Conference encouraged me to research on topics and present the same thereby getting an insight on the latest topics in the industry. Besides the academic activities a lot of opportunities were given to explore the extra curricular. Organizing national level festivals, conferences, placement activities, student activities, guest lectures and much more helped me a lot. It helped me in developing various skills like people management skills, marketing skills and operations. At the same time it also taught me how to think on the spot and get things done on time. Being the Joint General Secretary of the college helped me hone my leadership skills. All in all it was a fun learning experience for me.

Siddharth Mehta, B.Tech. IT

MPSTME is not just an institute for knowledge it is a whole new world for growing, developing and grabbing opportunities like never before. With its interesting and up to date curriculum students get a spice of different varieties of subjects. MPSTME is facilitated with modern laboratories such as the Accenture Innovation Lab, Blackberry Lab (Designed for mobile application) and also the CISCO Lab. MPSTME provides students with Elective subjects like Information Storage Management, Cloud Computing, Information Security Assurance & Forensics, Advanced Image Programming, Artificial Intelligence and Robotics. College also conducts Workshops such as Java, Web Programming and Unix Programming in between semesters for improving our knowledge of the subjects. Being a Placemember I have seen that have appreciated our curriculum and the capability to apply knowledge, time and again. Industries require students to not only use the existing knowledge but implement something out of the box, such thinking comes through our innovative learning methodologies and interactive faculties. It was a boon for me to be part of MPSTME over this last four years and develop myself not only as an engineer but also as an innovator.

Students get a bigger picture of the working environment. Students are made to complete a compulsory 4 to 6 weeks of technical internship with reports to be submitted at the end. MPSTME encourages students to write new research papers with expertise help of the mentors. Students present their paper on an inter-state level and get their papers published. College has a mandatory major project for the last year students. Students are encouraged to take up new topics like Application development for betterment of the society, Desktop applications for corporate world and Network Security Applications. People with innovative ideas have been pushed by their mentors to participate in project competitions. Students have developed apps like learning app for nursery students, an app for students to broadcast their old books calculators or other academic resources. Many students have become Entrepreneurs after college and are very successful in their life. MPSTME is definitely an INNOVATIVE Center which provides knowledge, demands work and produces result over time through their students.

Arzan Italia, B.Tech. IT

From the first year of academia itself, the subjects and the topics covered within those subjects have been highly focused on industrial excellence. Mostly theoretical, all subjects and their assessments put a lot of impetus on obtaining knowledge. This helps to gain more information on every aspect of the industry, however a lack of focus on practical application of these learnt theories and concepts is a considerable shortcoming. Although there are provisions for practical sessions, they are monotonous and nothing more than a formality. An improvement is highly encouraged in that section.

Innovation is the key motto of MPSTME where students are constantly encouraged to imagine and create. However, the interface between students and faculty is too opaque. There are no designated departments within the college (faculty of comp sci are scattered everywhere). This makes it difficult for students to identify suitable mentors. Also an online portal of faculty pursuing research or their respective fields of expertise would make student faculty interaction more welcoming. Last but not least, the stringent attendance requirement is the greatest curbing factor in innovation. With some attendance incentives and flexibility on part of the college, students will get encouraged to be imaginative and creative.

Karthik Iyer

Students pursuing higher education in reputed universities abroad

- | Arizona State University, US
- | Aston Business School, UK
- | Bournemouth University, UK
- | Bursaries University, UK
- | Cambridge University, UK
- | Case Western Reserve University, Ohio, USA
- | Chalmers University, Sweden
- | Claremont Graduate University, US
- | Coventry University
- | ESC - Lille University, France
- | Hult International Business School,, USA
- | IIT Chicago, USA
- | Illinois Institute of Technology, US
- | LaTrobe University, Australia
- | Murray State University, USA
- | NCGILL, Canada
- | New Castle University, London, UK
- | New Jersey Institute of Technology, USA
- | New York Institute of Technology, USA
- | North Carolina State University, USA
- | North Eastern University, US
- | North Western University, USA
- | Northumbria University, UK
- | Nottingham University, London, UK
- | Ohio University, Ohio State, USA
- | Oklahoma State University, USA
- | Pace University, USA
- | Pennstate University, USA
- | Polytechnic Institute of New York, USA
- | Purdue University, USA
- | Renefslaer Polytechnic Institue, New York, USA
- | Rochester Institute of Technology, US
- | Southern Methodist University, US
- | Stanford University, California, USA
- | Stevens Institute of Technology, USA
- | Suny Buffalo, USA
- | Suny Stony Brook University, USA
- | Syracuse University, USA
- | Thomas More College, Kentucky, USA
- | University of Boulder, US
- | University of California, USA
- | University of Colaredo, Boloder, USA
- | University of Florida, USA
- | University of glasgow.
- | University of Houston, USA
- | University of Maryland, US
- | University of Massachusetts, USA
- | University of Michigan, USA
- | University of Reading, USA
- | University of Rochester, US
- | University of Southern California, USA
- | University of Technology, Sydney, Australia
- | University of Texas, Dallas, USA
- | University of Torento, Canada
- | Warwick Business School, UK
- | Warwick University, UK

Programmes Offered

Master of Business Administration (Technology) - MBA (Tech.)

Dual Degree: B.Tech. and MBA (Tech.)

- Information Technology
 - Computer Engineering
 - Electronics & Telecommunication Engineering
 - Civil Engineering
 - Mechanical Engineering
 - Chemical Engineering
 - Electrical Engineering
-

Bachelor of Technology (B.Tech.)

- Information Technology
 - Computer Engineering
 - Electronics & Telecommunication Engineering
 - Civil Engineering
 - Mechanical Engineering
 - Mechatronics Engineering
 - Electrical Engineering
-

B.Tech. (Integrated Diploma-Degree)

- Computer Engineering
 - Electronics & Telecommunication Engineering
 - Civil Engineering
 - Mechanical Engineering
 - Electrical Engineering
-

Master of Computer Applications (MCA)

Master of Technology (M.Tech.)

- Computer Engineering
 - Electronics & Telecommunication Engineering
 - Industrial Automation
 - Data Sciences (Business Analytics)
 - Mechanical Engineering
-

Certificate Program in Business Analytics

Ph.D.

- Engineering Sciences
 - Technology Management
-

The details about the Mumbai and Shirpur campuses and programmes are given in the following pages.

MBA (Tech.)

Master of Business Administration (Technology)

Dual Degree: B.Tech. and MBA (Tech.)

Programme Duration

The course of study for the Master of Business Administration in Technology, MBA-Tech. shall extend over five years consisting of ten semesters.

Specializations Offered and Intake

Six technology areas are being offered at Mumbai as well as Shirpur campuses.

Areas	Mumbai (No. of Seats)	Shirpur (No. of Seats)
Information Technology	60	40
Computer Engineering	60	40
Electronics & Telecommunication Engineering	60	40
Civil Engineering	60	40
Mechanical Engineering	60	40
Chemical Engineering	30	-
Electrical Engineering	40	40

Career Opportunities

MBA (Tech.) Programme delivers state-of-the-art management and technology knowledge and skills to the students. These techno-savvy managers are fully equipped to create optimum and holistic solutions in business organizations. This has been amply substantiated by the feedback received by NMIMS from various organizations where MBA (Tech.) students happen to be working.

Unique Features of The Programme

- The programme involves two internships in the organizations for a total duration of about 7 months. Thus students get long enough exposure to the real working conditions and are able to contribute to the organizations literally right from day one of joining.
- The course curriculum is reviewed and updated on a regular basis to ensure that its relevance to the organizations is sustained.

Eligibility

The candidate must have passed in 10+2 or equivalent exam including international IB Diploma (IB certificate awarded is not eligible) with Science or Science Vocational (with PCM and English as subjects) and obtained minimum 50% marks in PCM (Minimum 150 marks out of 300) for Mumbai campus & 45% marks in PCM for Shirpur campus. Those awaiting their 10+2 exam results this year may also apply.

Note: For details, please visit website: www.nmims.edu

Selection Process

Students are admitted to the MBA-Tech. Programme if they meet the required standards Selection process described below:

All eligible candidates who wish to apply for admission to the MBA (Tech.) Programme will be required to register online at www.nmims.edu to appear for a Entrance Test NPAT to be conducted at various locations in India.

Merit list will be prepared on the basis of the performance of the candidate in NPAT. Candidates will be called for counseling session at Mumbai based on the merit list. In the counseling session candidates will be given admission to various disciplines as per their merit, choice and availability of discipline as per eligibility criteria.

MBA Tech.

Information Technology

First Year (Common for All Branches)

Semester I	Semester II
Engineering Mathematics-I	Engineering Mathematics-II
Engineering Chemistry	Engineering Physics
Basic Electrical Engineering	Basic Electronics
Engineering Mechanics-I	Engineering Drawing
Computer Programming - I	Engineering Mechanics-II
Workshop Practice	Computer Programming - II
Constitution of India	Communication Skills

Second Year

Semester III	Semester IV
Data Structures and Algorithms	Computer Networks
Digital Logic Design	Microprocessor and Microcontroller
Web Programming	Principles of Communication Engineering
Engineering Mathematics - III	Operating Systems
Advanced Java	Database Management Systems
Structured System Analysis and Design	Human Computer Interaction
Signals and Systems	Statistical Methods
Business Communication	Microeconomics
Contemporary Practices in Management	

Third Year

Semester V	Semester VI
Information Security	Computer Simulation and Modeling
Digital Signal Processing	Object Oriented Modeling and Design
Wireless Networking	Implementation of Technology
Service Oriented Architecture	Distributed Computing
Ethics for IT Users	Ethics for IT Organization
Research Methodology	Quality Management Systems and Practices
Macroeconomics	Project Management
Financial Accounting	Information and Communication Technology Mgmt
Managing Data with Spreadsheet	Cost and Management Accounting
	Project Planning and Execution

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	
Elective - I (Any One) <ul style="list-style-type: none"> • Data Warehousing and Mining • Software Quality Assurance 	Elective - III (Any One) <ul style="list-style-type: none"> • Advanced Database Management Systems • Image Processing • Embedded Systems • Advanced Computer Network
Elective - II (Any One) <ul style="list-style-type: none"> • Artificial Intelligence • Information Storage Management • Multimedia Systems • Mobile Computing 	Strategic Management
	Advanced Business Communication
	Human Resource Management
	Business Analytics
Industrial Marketing	
Financial Analysis and Working Capital Management	Financial Management
Legal Aspects of Business	Enterprise Planning Systems
Marketing Management	Application of Business Analytics
Management of Technology and Innovation	Research Project -I
Research Methodology	
Operations Management	
Organizational Behavior	
Effective Negotiation Skills	
Programming for Analytics	

Fifth Year (Common for All Branches)

Semester IX	Semester X
MIP	New Product Development
Entrepreneurship Management	Leadership in Organization
Knowledge Management	Research Project II
	Sustainable Business Management Practices
Skill Enhancement Course : (Any One) <ul style="list-style-type: none"> Marketing Analytics for Strategic Decision Financial Technical Analysis Lean Six Sigma 	Skill Enhancement Course : (Any One) <ul style="list-style-type: none"> Marketing Analytics - Marketing Mix Models New Venture Business Models QFD for New Product Innovations
Domain Electives: Any 4 or Minimum 3 from Domain Specialization & 1 from any other domain)	Domain Electives : Any 4 or Minimum 2 from Domain Specialization & 2 from any other domain)
Domain Specialization: Information & Communication Technology Management	Domain Specialization: Information & Communication Technology Management
<ul style="list-style-type: none"> Data Mining & Analytics Big Data Technology Business Models in Digital Economy Enterprise System Development Cyber Security Management 	<ul style="list-style-type: none"> Visual Analytics Managing Cloud Computing Cases in Internet of Things (IOT) Management Data Centre and Information Management Simulation Modeling
Domain Specialization: Finance	Domain Specialization: Finance
<ul style="list-style-type: none"> Financial Institutions & Markets Investment Banking and Financial Services Security Analysis Management of Commercial Banks Management of Mergers and acquisitions 	<ul style="list-style-type: none"> Financial Planning and Portfolio Management Financial Risk Management Project Infrastructure and Finance Financial Engineering International Finance
Domain Specialization: Marketing	Domain Specialization: Marketing
<ul style="list-style-type: none"> Brand Management Sales & Distribution Management Buyer Behavior Integrated Marketing Communication Customer Relationship Management Services Marketing 	<ul style="list-style-type: none"> Marketing Strategy Online Marketing Marketing of Technology Products International Marketing Media Planning
Domain Specialization: Operations & Project Management	Domain Specialization: Operations & Project Management
<ul style="list-style-type: none"> Project Procurement Management Project Risk Management Operation Planning & Control Services Operations Management Supply Chain & Logistics Management 	<ul style="list-style-type: none"> Project Contracts and Claims Management Operations Strategy World Class Manufacturing Practices Business Process Management Operation Research Management of Technology Acquisition and Transfer
Domain Specialization: Infrastructure Management	Domain Specialization: Infrastructure Management
<ul style="list-style-type: none"> Introduction to Infrastructure Management Managing Risk & Advisory Services for Infrastructure Business Models for Infrastructure Project Bid Management in Digital Economy Managing Energy Infrastructure 	<ul style="list-style-type: none"> People Management Issues in Infrastructure Sector Global Trends in Infrastructure Project Contract & Claims Management Managing Transportation Infrastructure Managing Real Estate Infrastructure

MBA Tech.

Computer Programming

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Data Structure & Algorithms	Computer Network
Digital Logic Design	Operating System
Signals & Systems	Analog & Digital Communication
Database Management Systems	Microprocessor and Microcontroller
Computer Organization & Architecture	Software Engineering
Engineering Mathematics - III	Implementation of Technology
Programming Workshop	Microeconomics
Business Communication	Statistical Methods
Contemporary Practices in Management	

Third Year

Semester V	Semester VI
Advanced Computer Network	Microcontroller and Embedded Programming
Distributed Systems	Mobile Computing
Digital Signal Processing	System Security
Object Oriented Software Engineering	Image Processing
Advanced Programming Laboratory	Quality Management Systems and Practices
Macroeconomics	Project Management
Financial Accounting	Information and Communication Technology Management
Managing Data with Spreadsheet	Cost and Management Accounting
	Project Planning and Execution

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	
Artificial Intelligence	
Elective - I (Any One)	Elective - II (Any One)
<ul style="list-style-type: none"> Data Ware-Housing & Mining Advanced Image Processing E-Commerce Data Science and Big Data Analytics Parallel Processing 	<ul style="list-style-type: none"> Information Storage Management Multimedia Systems & Virtual Reality Software Quality Assurance Soft Computing Service Oriented Architecture Biometric Applications
Financial Analysis and Working Capital Management	Strategic Management
Legal Aspects of Business	Advanced Business Communication
Marketing Management	Human Resource Management
Management of Technology and Innovation	Business Analytics
Research Methodology	Industrial Marketing
Operations Management	Financial Management
Organizational Behavior	Enterprise Planning Systems
Effective Negotiation Skills	Application of Business Analytics
Programming for Analytics	Research Project -I

Fifth Year (Management subjects Common for all Branches)

MBA Tech.

Electronics & Telecommunication Engg.

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics - III	Probability and Random Process
Electrical Networks Analysis and Synthesis	Principles of Communication Engineering
Digital Design	Electromagnetic Field Theory
Electronic Circuit Analysis and Design	Instrumentation
Signals and Systems	Analog Integrated Circuits and Applications
Numerical Techniques	Basic Control Systems
Business Communication	Microeconomics
Contemporary Practices in Management	Statistical Methods

Third Year

Semester V	Semester VI
Microprocessor Based Systems	Digital Communication
Antenna and Wave Propagation	Computer Communication Networks
Fundamentals of Microwave Engineering	Microcontrollers and Embedded Systems
Digital Signal Processing	Satellite Communication and Radar
Macroeconomics	Optical Fiber Communication
Financial Accounting	Quality Management Systems and Practices
Managing Data with Spreadsheet	Project Management
	Information and Communication Technology Management
	Cost and Management Accounting
	Project Planning and Execution

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	Network Design and Planning
Wireless Communication Technology	Elective - I (Any One)
	<ul style="list-style-type: none"> • Introduction to Automation • Broadband Technology • VLSI Design and Technology
Digital Voice Communication	Strategic Management
Financial Analysis and Working Capital Management	Advanced Business Communication
Legal Aspects of Business	Human Resource Management
Marketing Management	Business Analytics
Management of Technology and Innovation	Industrial Marketing
Research Methodology	Financial Management
Operations Management	Enterprise Planning Systems
Organizational Behavior	Application of Business Analytics
Effective Negotiation Skills	Research Project -I
Programming for Analytics	

Fifth Year (Management subjects Common for all Branches)

MBA Tech.

Civil Engineering

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics - III	Structural Analysis - I
Surveying - I	Surveying - II
Strength of Materials	Hydraulics Engineering
Building Materials and Construction	Building Design and Drawing - I
Fluid Mechanics	Concrete Technology
Engineering Geology	Microeconomics
Business Communication	Statistical Methods
Contemporary Practices in Management	

Third Year

Semester V	Semester VI
Structural Analysis - II	Geotechnical Engineering - II
Geotechnical Engineering - I	Building Utilities and Services
Hydraulics Machinery	Environmental Engineering - II
Building Design and Drawing - II	Highway and Railways Engineering
Irrigation Engineering	Design of Steel Structures
Environmental Engineering - I	Quality Management Systems and Practices
Macroeconomics	Project Management
Financial Accounting	Information and Communication Technology Management
Managing Data with Spreadsheet	Cost and Management Accounting
	Project Planning and Execution

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	Quantity Surveying and Valuation
Construction Machinery	Limit State Design of Reinforced Concrete Structures
Theory of Reinforced Concrete and Pre-stressed Concrete	Strategic Management
Financial Analysis and Working Capital Management	Advanced Business Communication
Legal Aspects of Business	Human Resource Management
Marketing Management	Business Analytics
Management of Technology and Innovation	Industrial Marketing
Research Methodology	Financial Management
Operations Management	Enterprise Planning Systems
Organizational Behavior	Application of Business Analytics
Effective Negotiation Skills	Research Project -I
Programming for Analytics	

Fifth Year

Semester IX	Semester X
Construction Management	
Elective - I (Any One) <ul style="list-style-type: none"> • Design of Prestressed Concrete Elements • Industrial Waste Treatment • Ground Water Hydrology • Advanced Structural Analysis 	Elective- III (Any One) <ul style="list-style-type: none"> • Design of Bridge Structures • Environmental Impact Assessment and Audit • Design of Hydraulic structures • Advanced structural Mechanics
Elective - II (Any One) <ul style="list-style-type: none"> • Structural Dynamics • Numerical Techniques • Soil Dynamics • Pavement Subgrade and Materials 	Elective - IV (Any One) <ul style="list-style-type: none"> • Earthquake Engineering • Finite Element Analysis • Geotechnical Earthquake Engineering • Pavement Design and Construction

MBA Tech.

Mechanical Engineering

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics - III	Fluid Mechanics
Manufacturing Processes - I	Strength of Materials
Engineering Thermodynamics	Manufacturing Processes - II
Material Engineering	Theory of Machines - I
Machine Drawing	Machine Shop-II
Machine Shop - I	Thermal Engineering
Business Communication	Statistical Methods
Contemporary Practices in Management	Microeconomics

Third Year

Semester V	Semester VI
Heat Transfer	I. C. Engines
Vibration Engineering	Mechanical Measurement and Metrology
Design of Machine Elements - I	CAD/CAM/CAE
Theory of Machines - II	Industrial Engineering
Fluid Machinery	Design of Machine Elements - II
Macroeconomics	Mechatronics and Controls
Financial Accounting	Quality Management Systems and Practices
Managing Data with Spreadsheet	Project Management
	Information and Communication Technology Management
	Cost and Management Accounting
	Project Planning and Execution

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	Design of Mechanical Systems
Refrigeration and Air Conditioning	Finite Element Analysis
Elective - I (Any One) <ul style="list-style-type: none"> • Dynamic System Modeling and Analysis • Non Conventional Energy Sources • Advanced Turbomachinery • Automobile Engineering • Introduction to Nano-Technology 	Elective - II (Any One) <ul style="list-style-type: none"> • Tribology • Rapid Prototyping and Tooling • Reliability Engineering • Computational Fluid Dynamics • Robotics
Financial Analysis and Working Capital Management	Strategic Management
Legal Aspects of Business	Advanced Business Communication
Marketing Management	Human Resource Management
Management of Technology and Innovation	Business Analytics
Research Methodology	Industrial Marketing
Operations Management	Financial Management
Organizational Behavior	Enterprise Planning Systems
Effective Negotiation Skills	Application of Business Analytics
Programming for Analytics	Research Project - I

Fifth Year (Management subjects Common for all Branches)

MBA Tech.

Chemical Engineering

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Process Calculation-I	Process Calculation-II
Fluid Mechanics-I	Fluid Mechanics-II
Strength of Material & Fabrication	Mass Transfer Operations-I
Heat Transfer Operations	Solid Fluid Mechanical Operations
Engineering Mathematics-III	Unit Processes in Chemical Industries
Business Communication	Chemical Engineering Thermodynamics
Contemporary Practices in Management	Microeconomics
	Statistical Methods

Third Year

Semester V	Semester VI
Chemical Processes-I	Chemical Processes-II
Reaction Kinetics	Chemical Reaction Engineering
Mass Transfer Operations II	Instrumentation & Process Control
Plant Utilities	Process Equipment & Accessories Design
Materials Selection	Industrial Safety
Macroeconomics	Quality Management Systems and Practices
Financial Accounting	Project Management
Managing Data with Spreadsheet	Information and Communication Technology Management
	Cost and Management Accounting
	Project Planning and Execution

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	Process Optimization & simulation
Energy System Designs	Seminar
Environmental Engineering	Process & Project Engineering
Financial Analysis and Working Capital Management	Strategic Management
Legal Aspects of Business	Advanced Business Communication
Marketing Management	Human Resource Management
Management of Technology and Innovation	Business Analytics
Research Methodology	Industrial Marketing
Operations Management	Financial Management
Organizational Behavior	Enterprise Planning Systems
Effective Negotiation Skills	Application of Business Analytics
Programming for Analytics	Research Project - I

Fifth Year (Management subjects Common for All Branches)

Semester IX	Semester X
Elective - I (Any One)	
<ul style="list-style-type: none"> • Food Processing • Petroleum • Biochemical Engineering 	Economics of Chemical Projects
Design Report I	Design Report II

Electrical Engineering

First Year (Common for All Branches)

Semester I	Semester II
Engineering Mathematics - I	Engineering Mathematics - II
Engineering Chemistry	Engineering Physics
Basic Electrical Engineering	Basic Electronics
Engineering Mechanics - I	Engineering Drawing
Computer Programming - I	Engineering Mechanics - II
Workshop Practice	Computer Programming - II
Constitution of India	Communication Skills

B.Tech.

Bachelor of Technology

Programme Duration & Intake

Four year Full Time B.Tech. in the following disciplines with the intake mentioned against each is offered at the Mumbai and Shirpur Campus.

Areas	Mumbai (No. of Seats)	Shirpur (No. of Seats)
Information Technology	60	-
Computer Engineering	120	60
Electronics & Telecommunication Engineering	60	60
Civil Engineering	60	60
Mechanical Engineering	60	60
Mechatronics Engineering	60	60
Electrical Engineering	60	-
Textile	-	60

Unique Features

- Modern facilities to provide ambience and support for curricular and extra curricular activities for the overall development of students.
- Dedicated, qualified faculty to ensure high standard of teaching, learning and evaluation Processes.
- Periodic review and revision of curricula based on feedback from the industry with quick response to ensure the relevance of the programmes to the changing needs of industry.
- Semester system with proper planning to utilize the resources effectively and efficiently.
- Industry visits and industry based project work as part of the curricula to provide recognition and reward to the students in the form of job offers or support for further studies and research.

Eligibility

The candidate must have passed in 10+2 or equivalent exam including international IB Diploma (IB certificate awarded is not eligible) with Science or Science Vocational (with PCM and English as subjects) and obtained minimum 50% marks in PCM (Minimum 150 marks out of 300) for Mumbai campus & 45% marks in PCM for Shirpur campus. Those awaiting their 10+2 exam results this year may also apply.

Note: For more details, please visit website: www.nmims.edu

Selection Procedure

Students are admitted to the B.Tech. Programme if they meet the required standards of the Selection process described below:

All eligible candidates who wish to apply for admission to the B.Tech. Programme will be required to register online at www.nmims.edu to appear for a Entrance Test NPAT (UG) to be conducted at various locations in India.

Merit list will be prepared on the basis of the performance of the candidate in written test. Candidates will be called for counseling session at Mumbai based on the merit list. In the counseling session candidates will be given admission to various disciplines as per their merit, choice and availability of discipline as per eligibility criteria.

Teaching, Learning And Evaluation

In most of the subjects, there will be theory and practical classes. Time table will be for approximately 32 to 36 contact hours per week for B. Tech. Programmes. In the last year of the course, approximately 40% of the time will be allotted for industry based project work for which guidance by the faculty will be available and the students will be required to make a presentation of the project work.

Student is required to have minimum of 80% attendance in the classes for every subject and must complete all the term work prescribed for the subjects.

Course Structure

The course structures for various B.Tech. Programmes are subject to review and revision by the Board of Studies in Engineering Sciences and approval of the Academic Council of the University.

B.Tech.

Information Technology

First Year (Common for All Branches)

Semester I	Semester II
Engineering Mathematics - I	Engineering Mathematics - II
Engineering Physics	Engineering Chemistry
Basic Electrical Engineering	Basic Electronics
Engineering Drawing - I	Engineering Drawing - II
Engineering Mechanics - I	Engineering Mechanics - II
Computer Programming - I	Computer Programming - II
Communication Skills	Workshop Practice
	Constitution of India

Second Year

Semester III	Semester IV
Engineering Mathematics - III	Engineering Mathematics - IV
Environmental Studies	Computer Organization & Architecture
Data Structures and Algorithms	Microprocessor and Microcontroller
Digital Logic Design	Operating Systems
Database Management Systems	Web Programming
Programming Workshop	Implementation of Technology
Signals and Systems	Principles of Communication Engineering

Third Year

Semester V	Semester VI
Unix Programming	Object Oriented Analysis and Design
Software Engineering	Wireless Networking
Principles of Economics and Management	Advanced Computer Networks
Computer Simulation and Modeling	Parallel Computing
Computer Networks	Mobile Application Development
Distributed Computing	Introduction to Cloud Computing
Research Methodology	
Ethics for IT Users	

Fourth Year

Semester VII	Semester VIII
Service Oriented Architecture	System Administration
Software Project Management	Data Warehousing and Mining
Information Security	Electronic Commerce
Ethics for IT Organization	
Project - I	Project - II
Elective - I	Elective - II
<ul style="list-style-type: none"> Management Information Systems Multimedia Systems Artificial Intelligence Information Storage and Management 	<ul style="list-style-type: none"> Robotics High Speed Networking Architecture and Protocols Information Security Assurance and Forensics Advanced Database Management System Cloud Computing Human Computer Interaction

B.Tech.

Computer Engineering

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics - III	Engineering Mathematics - IV*
Data Structures	Computer Organization & Architecture
Discrete Structures	Operating System
Digital Logic Design	Computer Networks
Numerical Techniques	System Programming
Database Management System	Analog & Digital Communications
Programming Workshop	Environmental Studies
	Implementation of Technology

Third Year

Semester V	Semester VI
Theoretical Computer Science	Object Oriented Software Engineering
Software Engineering	Image Processing*
Design & Analysis of Algorithms	Fundamentals of Web Technology
Computer Graphics	Industrial Economics and Management
Digital Signal Processing	Mobile Application Development
Research Methodology	Project Workshop
	Elective I (Any One) <ul style="list-style-type: none">• Advanced Computer Networks• Advanced Database Management System• Unix Programming• Information Storage and Management• Principles of Compiler Design• Operation Research• Human Computer Interface

Fourth Year

Semester VII	Semester VIII
Distributed Computing	System Security
Intelligent Systems	Soft Computing
Data Warehousing & Mining	Mobile Computing
Project - I	Project - II
Elective II (Any One) <ul style="list-style-type: none">• Introduction to Cloud computing• Embedded System• Advanced Image Processing• Software Architecture• E -Commerce• Advanced Computer Architecture	Elective III (Any One) <ul style="list-style-type: none">• Robotics• Biometrics• Parallel Computing• Multimedia Systems• Software Quality Assurance & Testing• Data Science and Big Data Analytics

B.Tech.

Electronics & Telecommunication Engg.

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics - III	Probability and Random Process
Electrical Networks Analysis and Synthesis	Principles of Communication Engineering
Digital Design	Electromagnetic Field Theory
Electronic Circuit Analysis and Design	Instrumentation
Signals and Systems	Analog Integrated Circuits and Applications
Numerical Techniques	Basic Control Systems
Environmental Studies	Study of Emerging Technologies

Third Year

Semester V	Semester VI
Microprocessor based systems	Programming in JAVA
Antenna and Wave Propagation	Computer Communication Networks
Fundamentals of Microwave Engineering	Microcontrollers and Embedded Systems
Digital Signal Processing	TV and Video Engineering
Digital Communication	Industrial Economics and Management
Implementation of Technology	RF Circuit Design
Professional Ethics	Minor Project

Fourth Year

Semester VII	Semester VIII
Optical Fiber Communication	Digital Voice Communication
Wireless Communication Technology	Satellite Communication and Radar
Project Phase I	Project Phase II
Elective - II (Any One) <ul style="list-style-type: none">• Image Processing• Advanced Microcontrollers• Robotics	Elective - IV (Any One) <ul style="list-style-type: none">• Broadband Technology• Network Design and Planning• Data Encryption and Network Security
Elective - III (Any One) <ul style="list-style-type: none">• Introduction to Automation• Industrial Electronics and Applications• VLSI Design and Technology	Elective - V (Any One) <ul style="list-style-type: none">• Speech Processing• Fuzzy Logic and Neural Networks• Mobile Computing

B.Tech.

Civil Engineering

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics - III	Engineering Mathematics - IV
Surveying - I	Surveying - II
Strength of Materials	Structural Analysis - I
Building Materials and Construction	Concrete Technology
Engineering Geology	Hydraulics Engineering
Fluid Mechanics	Building Design and Drawing - I
	Safety Health and Environmental Engineering

Third Year

Semester V	Semester VI
Structural Analysis - II	Geotechnical Engineering - II
Geotechnical Engineering - I	Theory of Reinforced concrete and Pre-stressed Concrete
Building Design and Drawing - II	Irrigation Engineering
Hydraulics Machinery	Environmental Engineering - II
Highway and Railways Engineering	Design of Steel Structures
Environmental Engineering - I	Transportation Engineering
Building Utilities and Services	Presentation and Communication Techniques
Entrepreneurship and Management	

Forth Year

Semester VII	Semester VIII
Limit State Design of Reinforced Concrete Structures	Advanced Design of Concrete structures
Quantity Surveying and Valuation	Construction Management
Construction Techniques	
Project - I	Project - II
Elective - I (any one) <ul style="list-style-type: none"> • Advanced Structural Analysis • Advanced structural Mechanics • Analysis of Transportation System • Water Distribution System • Finite Element Analysis in Civil Engineering • Soil Dynamics 	Elective - III <ul style="list-style-type: none"> • Structural Dynamics • Earthquake Engineering • Rock Mechanics • Design of Hydraulic Structures • Numerical Modeling of Groundwater Flow and Transport • Traffic Analysis and Design
Elective - II <ul style="list-style-type: none"> • Pavement Subgrade Materials • Urban Transportation Systems Planning • Planning and Design of Environmental Facilities • Air Quality Management and Metrology • Construction Economics and Finance Management • Construction Safety • Green and Intelligent Buildings 	Elective - IV <ul style="list-style-type: none"> • Pavement Design and Construction • GIS and Remote Sensing • Industrial Waste Treatment • Environmental Impact Assessment and Audit • Construction Quality Control and Assurance • Construction Contracts and Administration • Smart Cities

B.Tech.

Mechanical Engineering

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics - III	Engineering Mathematics - IV
Engineering Thermodynamics	Manufacturing Processes - I
Strength of Materials	Fluid Machinery
Fluid Mechanics	Materials Engineering
Theory of Machines - I	Environmental Engineering and Management Systems
Machine Drawing	Theory of Machines - II
	Industrial Electronics
	Machine Shop - I

Third Year

Semester V	Semester VI
Thermal Engineering	Heat Transfer
Manufacturing Processes - II	I. C. Engines
Design of Machine Elements - I	Design of Machine Elements - II
Mechatronics and Controls	Vibration Engineering
Mechanical Measurement and Metrology	Manufacturing Management
Machine Shop - II	Presentation and Communication Techniques
Industrial Engineering	

Fourth Year

Semester VII	Semester VIII
Design of Mechanical Systems	Total Quality Management
Refrigeration and Air Conditioning	Product Design and Development
Finite Element Analysis	CAD/CAM/CAE
	Engineering Economics and Accounting
Project Part - I	Project Part - II
Elective I (Any One) <ul style="list-style-type: none">• Tribology• Non Conventional Energy Sources• Project Management• Advanced Turbo machinery• Automobile Engineering• Introduction to Nano-Technology	Elective II (Any One) <ul style="list-style-type: none">• Dynamic System Modeling and Analysis• Rapid Prototyping and Tooling• Reliability Engineering• Computational Fluid Dynamics• Operations Research• Robotics

B.Tech.

Mechatronics Engineering

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics - III	Engineering Mathematics - IV
Strength of Materials	Signals and Systems
Fluid Mechanics and Machinery	Theory of Machines - II
Digital Electronics	Thermodynamics and Heat Transfer
Theory of Machines - I	Manufacturing Processes
Electronic Devices and Circuits	Microprocessors and Interfacing
	Electro-Mechanical Workshop

Third Year

Semester V	Semester VI
Design of Machine Elements	Hydraulic and Pneumatic Systems
Linear Integrated Circuits and Applications	Presentation and Communication Techniques
Modelling and Simulation	PLC and Data Acquisition
Instrumentation	Object Oriented Programming
Industrial Electronics	Industrial Drives
Basic Control Systems	CAD/CAM/CAE

Fourth Year

Semester VII	Semester VIII
Mechatronics System Design	Industrial Robotics
Computer Integrated Manufacturing	Product Design and Development
Project Phase I	Project Part - II
Elective I <ul style="list-style-type: none"> • Dynamic System Modeling and Analysis • Flexible Manufacturing Systems • Automobile Engineering 	Elective III <ul style="list-style-type: none"> • Project Management • Rapid Prototyping and Tooling • Reliability Engineering
Elective II <ul style="list-style-type: none"> • Digital Signal Processing and Applications • Automotive Electronics • Microelectromechanical (MEMS) Systems 	Elective IV <ul style="list-style-type: none"> • Virtual Instrumentation • Embedded Systems • Artificial Intelligence and Neural Networks

Electrical Engineering

First Year (Common for All Branches)

Semester I	Semester II
Engineering Mathematics-I	Engineering Mathematics-II
Engineering Physics	Engineering Chemistry
Basic Electrical Engineering	Basic Electronics
Engineering Drawing-I	Engineering Drawing-II
Engineering Mechanics-I	Engineering Mechanics-II
Computer Programming - I	Computer Programming - II
Communication Skills	Workshop Practice
	Constitution of India

B.Tech (Integrated) Program

B.Tech. (6 Years Integrated Diploma & Degree Program)

MPSTME is initiating a unique six year B.Tech. Program for 10+ students from the academic year 2014-15. The program is being initialized with industry and academia inputs. It has been found from the inputs that 80-90 % students after their diploma opt for degree programs to enhance their career prospects. When they do take admission for degree programs, there is a lot of overlap in the technical content while the lateral entry students lack in mathematics foundation. This program will bridge the shortcomings and prepare the students for a career in the industry.

Program Duration

Six year full time B.Tech. (Integrated Diploma & Degree program) offered at Mumbai Campus.

Intake

Areas	No. of Seats
Computer Engineering	60
Electronics & Telecommunication Engineering	60
Civil Engineering	60
Mechanical Engineering	60
Electrical Engineering	60

Unique Features of the Program

- Six year Integrated Diploma & Degree program
- Degree in Civil ,Computer, Electronics and Telecommunications, and Mechanical Engineering with opportunity to pursue B. Tech. in Mechatronics for meritorious students.
- Well-knit curricula eliminating overlap and enhancing mathematics component lacking in diploma students
- Curriculum co-designed with active industry and professional bodies participation
- Different modes of delivery like on line learning, experiential learning, summer courses etc.
- State of the Art laboratories and classroom facilities
- Highly qualified and Competent faculty involved in teaching as well a research
- One year industry internship enabling students to relate theory to practice
- Imparting and inculcating soft as well as life skills

Eligibility

- Candidate must have passed 10th or equivalent examination with 60% in aggregate with Science (code 72), Mathematics (code 71) as mentioned by Maharashtra State Board & English as compulsory subjects.
- Candidates passing 10th or equivalent examination from Open or Distance learning (ODL) School recognized only by National Institute of Open schooling (NIOS) can apply for the program Subject to fulfilling the eligibility of the program&Candidates who have passed the 10th examination in part-time mode or through distance learning/correspondence/externally/open school other than NIOS are not eligible to apply for the courses.
- Candidates should have passed in one attempt. Candidates passing with compartment are not eligible.
- Candidates of CBSE, ICSE, should mention in online application form 10th or equivalent aggregate marks of all the subjects for which candidate has appeared for(not best of four, five, Six or seven) in online registration form
- Candidates must clear all subjects mentioned in 10th or equivalent exam marksheet.
- Candidate above 20 years of age are not eligible to apply.

Selection Procedure

- Merit list will be prepared on the basis of the performance of the candidate in 10th or equivalent exam.
- Candidates will be called for counseling session at Mumbai based on the merit list.
- In the counseling session candidates will be given admission to various disciplines as per their merit, choice and availability of discipline as per eligibility criteria.
- The decision of the institute will be final in this regard and no inquiries or correspondence in this regard will be entertained.

Teaching, Learning and Evaluation

Curriculum for the program includes adequate balance of fundamental / foundation, core and elective courses. The courses are based on a credit structure with 22-26 credit per semester totaling to around 220 credits over for the entire B Tech Program. Every course is assigned lectures, practical and tutorials as per requirement. Students also undergo technical entrepreneurship and project in the 6th year. The program course content is reviewed every year with industry inputs and participation.

The school encourages students to learn through experiential mode along with class room delivery. The delivery is very actively supported by Black Board Learning Management System (BBLMS). The BBLMS facilitates learning beyond classroom through YouTube and other online content available on the net. Through this innovative teaching and learning process, students have ample opportunity to learn through different modes. The curriculum also emphasizes on continuous self-learning.

Evaluation is based on continuous assessment throughout semester with appropriate weightage for in semester work, as well as end semester exams. Different modes of evaluation like open book exam, quiz and viva are available for the faculty to ensure attainment of course and program out-comes as defined above.

Course Structure

The Course structure for B.Tech (Integrated) program is subject to review and revision by the Board of Studies in Engineering Sciences and approval of the Academic Council of the University.

B.Tech. (Integrated)

Computer Engineering

First Year (Common for All Branches)

Semester I	Semester II
Communication Skills	Mathematics - II
Mathematics - I	Physics-II
Physics-I	Chemistry-II
Chemistry-I	Workshop Practice- II
Basics of Computer System	Computer Programming
Engineering Drawing-I	Engineering Drawing-II
Workshop Practice-I	Fundamentals of Engineering Mechanics
	Elements of Electrical Engineering

Second Year

Semester III	Semester IV
Engineering Mathematics-I*	Engineering Mathematics-II*
Engineering Chemistry*	Engineering Physics*
Constitution of India*	Numerical Techniques*
Computer Programming -II**	Computer Programming-III (Java)
Electronic Materials and Components**	Basic Electronics**
Environmental Studies***	Data Structures

*Common to all Programmes

**Common with EXTC Engineering

*** Common with EXTC Engineering offered in Sem -IV

Third Year

Semester V	Semester VI
Discrete Structures	Engineering Mathematics - IV*
Database Management System	Microprocessor
Digital Logic Design & Analysis	System Programming
Design & Analysis of Algorithms	Analog & Digital Communication
Computer Organisation & Architecture	Project Management
Computer Networks	Implementation of Technology
Engineering Mathematics - III*	Operating System
Programming Workshop	

Fourth Year

Semester VII	Semester VIII
Theoretical Computer Science	Object Oriented Software Engineering
Software Engineering	Biometrics
Computer Graphics	Fundamentals of Web Technology
Image Processing	Industrial Economics & Management
Research Methodology	Mobile Application Development
Professional Ethics	Project Workshop
Elective I (Any One) <ul style="list-style-type: none"> • Advanced Computer Networks • Advanced Database Management System • Unix Programming • Information Storage & Management • Operation Research 	Elective II (Any One) <ul style="list-style-type: none"> • Introduction to Cloud Computing • Embedded System • Advanced Image Processing • Software Architecture • Advanced Computer Architecture

Fifth Year

Semester IX	Semester X
System Security	Distributed Computing
Intelligent System	Mobile Computing
Data Warehousing & Mining	Business Intelligence & Data Analytics
Project - I	Project - II
Elective III (Any One) <ul style="list-style-type: none"> • Robotics • Parallel Computing • Soft Computing • Software Quality Assurance & Testing • Data Science and Big Data Analytics 	Elective IV (Any One) <ul style="list-style-type: none"> • E-Commerce • Principles of Compiler Design • Human Computer Interface

Sixth year of the course is for the Industry Internship

B.Tech. (Integrated)

Electronics and Telecommunication Engineering

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics-I*	Engineering Mathematics-II*
Engineering Chemistry*	Engineering Physics*
Constitution of India*	Numerical Techniques*
Computer Programming -II**	Digital Logic and Design
Electrical Technology	Basic Electronics**
Electronic Materials and Components**	Environmental Studies

*Common to all Programmes **Common with Computer Engineering

Third Year

Semester V	Semester VI
Engineering Mathematics-III*	Engineering Mathematics-IV*
Electrical Networks Analysis and Synthesis	Probability and Random Processes
Electromagnetic Field Theory	Basic Control System
Advanced Electronics	Electrical and Electronic Instrumentation
Principles of Communication Engineering	Analog Integrated Circuits and Applications
Signals and Systems	Electronic Circuit Design
	Study of Emerging Technologies

Fourth Year

Semester VII	Semester VIII
Microprocessor based systems	Programming in JAVA
Antenna and Wave Propagation	Computer communication Networks
Fundamentals of Microwave Engineering	Microcontrollers & Embedded Systems
Digital Signal Processing	TV and Video Engineering
Digital Communication	Industrial Economics & Management
Implementing of Technology	RF Circuit Design
Professional Ethics	Minor project

Fifth Year

Semester IX	Semester X
Optical Fiber Communication	Digital Voice Communication
Wireless Communication Technology	Satellite Communication and Radar
Project Phase I	Project Phase II
Elective I (Any One) <ul style="list-style-type: none"> • Image Processing • Advanced Microcontroller • Robotics 	Elective III (Any One) <ul style="list-style-type: none"> • Broadband Technology • Network Design and Planning • Data Encryption and Network Security
Elective II (Any One) <ul style="list-style-type: none"> • Introduction to Automation • Industrial Electronics and Applications • VLSI Design and Technology 	Elective IV (Any One) <ul style="list-style-type: none"> • Speech Processing • Fuzzy Logic and Neural Networks • Mobile Computing

Sixth year of the course is for the Industry Internship

B.Tech. (Integrated)

Civil Engineering

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics-I*	Engineering Mathematics-II*
Engineering Chemistry*	Engineering Physics*
Constitution of India*	Numerical Techniques*
Engineering Mechanics**	Strength of Materials
Building Materials and Construction	Surveying - I
Engineering Geology	Fluid Mechanics

* Common to all Programmes

** Common with Mechanical Engineering

Third Year

Semester V	Semester VI
Engineering Mathematics-III*	Engineering Mathematics-IV*
Surveying - II	Geotechnical Engineering - I
Hydraulic Engineering	Hydraulic Machinery
Concrete Technology	Highway and Railway Engineering
Building Design and Drawing - I	Building Design and Drawing - II
Fundamentals of Structural Analysis	Structural Analysis - I

* Common to all Programmes

Fourth Year

Semester VII	Semester VIII
Irrigation Engineering	Environmental Engineering - I
Geotechnical Engineering - II	Limit State Design of Reinforced Concrete Structures
Transportation Engineering	Building Utilities and Services
Theory of Reinforced Concrete and Pre-stressed Concrete	Construction Techniques and Machinery
Structural Analysis - II	Quantity Surveying
Presentation and Communication Techniques	Entrepreneurship and Management

Fifth Year

Semester IX	Semester X
Environmental Engineering - II	Design of concrete Structures
Design of Steel Structures	Project Management
Administration of Contracts	
Project - I	Project - II
Elective I (Any One) <ul style="list-style-type: none">• Design of prestressed concrete structures• Industrial waste treatment• Ground water Hydrology• Advanced Structural Analysis	Elective III (Any One) <ul style="list-style-type: none">• Design of Bridge Structures• Environmental Impact assessment and Audit• Design of Hydraulic Structures• Advanced Structural Mechanics
Elective II (Any One) <ul style="list-style-type: none">• Structural Dynamics• Advanced Numerical Techniques• Soil Dynamics• Pavement subgrade and materials• Rock Mechanics	Elective IV (Any One) <ul style="list-style-type: none">• Earthquake Engineering• Finite Element Analysis• Geotechnical Earthquake Engineering• Pavement Design and Construction• Disaster Management

Sixth year of the course is for the Industry Internship

B.Tech. (Integrated)

Mechanical Engineering

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics-I*	Engineering Mathematics-II*
Engineering Chemistry*	Engineering Physics*
Constitution of India*	Numerical Techniques*
Manufacturing Processes - I	Manufacturing Processes-II
Engineering Mechanics**	Machine Drawing and Computer Graphics
Engineering Thermodynamics	Strength of Materials
	Machine Shop

*Common to all Programmes

**Common with Civil Engineering

Third Year

Semester V	Semester VI
Engineering Mathematics-III*	Engineering Mathematics-IV*
Strength of Materials-II	Fluid Mechanics
Theory of Machines-I	Thermal Engineering
Industrial Electronics	Materials Engineering
Mechanical Measurement and Metrology	Environmental Engineering and Management Systems
	Theory of Machines - II

Fourth Year

Semester VII	Semester VIII
Heat Transfer	I. C. Engines
Fluid Machinery	Presentation and Communication Techniques
Design of Machine Elements - I	CAD/CAM/CAE
Industrial Engineering	Design of Machine Element - II
Vibration Engineering	Manufacturing Management
Theory of Machines - III	Mechatronics and Controls

Fifth Year

Semester IX	Semester X
Refrigeration and Air Conditioning	Production Design & Development
Finite Element Method	Total Quality Management
Design of Mechanics Systems	Engineering Economics & Accounting
Project Part I	Project Part II
Elective I (Any One) <ul style="list-style-type: none"> • Tribology • Non Conventional Energy Sources • Advanced Turbomachinery • Automobile Engineering • Introduction to Nano-Technology • Project Management 	Elective II (Any One) <ul style="list-style-type: none"> • Dynamic System Modeling and Analysis • Rapid Prototyping and Tooling • Reliability Engineering • Computational Fluid Dynamics • Robotics • Operations Research

Sixth year of the course is for the Industry Internship

B.Tech. (Integrated)

Electrical Engineering

First Year (Common for All Branches)

Semester I	Semester II
Communication Skills	Mathematics - II
Mathematics - I	Physics-II
Physics-I	Chemistry-II
Chemistry-I	Workshop Practice- II
Basics of Computer System	Computer Programming
Engineering Drawing-I	Engineering Drawing-II
Workshop Practice-I	Fundamentals of Engineering Mechanics
	Elements of Electrical Engineering

MCA

Master in Computer Applications

Programme Duration & Intake

To meet the increasing demand of trained manpower in the field of Computer Applications, NMIMS University has started a 3 years Post Graduate MCA Programme with an intake of 60 seats at Mumbai campus under its Mukesh Patel School of Technology Management & Engineering.

Eligibility

The candidate must have Bachelor's degree with 50% marks in aggregate in Arts, Science, Commerce, Management or any other discipline from a recognized institution / university. Those awaiting their final exam results may also apply.

Selection Procedure

Interested candidates need to register online in the prescribed application form. Admission will be based on Written Test followed by Personal Interview at the NMIMS premises in Mumbai. Merit list will be prepared on the basis of written test & personal interview score.

Candidates appearing for final year will be admitted on submission of final year marksheet. Final admission will be granted to those who are eligible.

Course Structure

The Course Structure for MCA Programme is given on subsequent pages subject to review and revision by the Board of Studies and approval of the Academic Council of the University.

Teaching-learning and Evaluation

It is a full time programme and timetable will be for approx. 32 to 36 contact hours per week. In the final year of the course, approx. 80% of the time will be allocated to industry based project work for which guidance of the faculty will be available.

Student is required to have minimum 80% attendance in the classes for every subject and must complete all the term work prescribed for the subject.

The scheme of evaluation will contain theory and practical examination as well as term work and periodical, class tests, assignments etc. For passing the subject, student must obtain a minimum of 50% marks in each of the subject.

The class will be awarded at the end of every year on the basis of total marks or Grade Point Average obtained by the student subject to earning prescribed minimum credits during the year.

The class for final degree will be awarded on the basis of cumulative performance during all the years for MCA Courses.

Board of Studies

The Board of Studies for MCA will be the same as the Board of Studies for Engineering Sciences as shown earlier.

MCA

Master in Computer Applications

First Year

Semester I	Semester II
Computer Programming	Core Java
Computer Organization and Architecture	Operating System
Discrete Mathematics	Software Engineering
Database Management Systems	Design and Analysis of Algorithms
Computer Networks	Numerical and Statistical Methods
Communication Skills	Financial Accounting

Second Year

Semester III	Semester IV
Web Programming I	Web Programming II
Advanced Java	Data Warehousing and Mining
Advanced Database Management System	Operation Research
Object Oriented Software Engineering	Organizational Behavior
Mobile Computing	Project Management
Industrial Economics and Management	Elective I (Any One) <ul style="list-style-type: none"> • Parallel Computing • Software Testing • Multimedia Systems • Unix Programming

Third Year

Semester V	Semester VI
Unix Programming	Object Oriented Analysis and Design
Software Engineering	Wireless Networking
Principles of Economics and Management	Advanced Computer Networks
Computer Simulation and Modeling	Parallel Computing
Computer Networks	Mobile Application Development
Distributed Computing	Introduction to Cloud Computing
Research Methodology	
Ethics for IT Users	

Fourth Year

Semester VII	Semester VIII
Electronic Commerce	Industry Internship and Project
Distributed Computing	
Management Information System	
Service Oriented Architecture	
Mobile Application Development	
Programming Workshop	
Elective II (Any One) <ul style="list-style-type: none"> • Introduction to Cloud Computing • Information Storage and Management • Image Processing 	

M.Tech.

Master in Technology

Programmes

Mumbai: Computer Engineering, Electronics & Telecommunication Engineering, Industrial Automation and Data Science (Business Analytics).

Shirpur: Mechanical Engineering.

The courses have been tailored by leading academicians and experts from the industries. Emphasis has been given to the latest development in industry wherein expertise is required. Steps have been taken to further strengthen the present system in the country while framing the syllabus.

Programme Objectives

- To provide excellent education and guidance in engineering branches at postgraduate and research level.
- To cater the needs of engineering industries and research organizations at national and international levels.
- To train HR to carry out innovative research for creating intellectual property through master and doctoral programmes.
- To prepare engineers to take position in industry, institutions and research organizations.

Duration

The course of study of M.Tech. in each specialization shall extend over two years consisting of two semesters for the first year and then carry out research work on industry related project followed by submission of dissertation in the second year.

Intake

18 seats in each specialization of M. Tech. Programmes.

Eligibility

Every candidate for the M. Tech. programme in each specialization must have passed B.E. / B. Tech. or equivalent examination with 50% marks in aggregate with valid GATE score; sponsored candidates without GATE score will also be considered.

Selection Procedure

Candidates will be admitted to M.Tech. in the area of interest as mentioned in their application form, if they meet the required standards of the two stage processes described below:

Stage 1: All candidates aspiring to and eligible for admissions to M. Tech. Programmes in each specialization shall be short-listed based on their valid GATE score, for a personal interview at NMIMS campus. Sponsored candidates shall be short listed on the basis of their B.E. / B.Tech. Degree score.

Stage 2: Personal Interview - Candidates short listed in stage 1 shall be interviewed at the institute premises and the merit list will be prepared accordingly. Candidates will be allotted admissions to the discipline as per the availability/ choice as the case may be.

M.Tech.

Data Science (Business Analytics)

Programmes

M.Tech in Data Science (Business Analytics).

Eligibility Criteria

Candidate must have minimum 60% marks or CGPA > 3.0 (as mentioned by University in Final Marksheet) in B.Tech. /B.E: Computer, IT, EXTC or M.Sc: Maths, Statistics, Computer Sciences.ent education and guidance in engineering branches at postgraduate and research level.

Note:

- Candidates appearing for final year B.Tech /B.E or M.Sc can also apply.
- Candidates who have cleared their graduation by doing a part-time course or through distance learning, correspondence courses, externally, open school from recognized University are eligible to apply & register as per UGC guidelines.

Duration

2 Years Full-time

Intake

25 seats

Selection Procedure

Personal Interview

Merit list will be prepared based on performance of candidate in Personal Interview

M.Tech.

Computer Engineering

First Year

Semester I	Semester II
Advanced Image Processing	Distributed Systems
Data Warehousing & Mining	Biometrics
Artificial Intelligence	System and Network Security
Professional Skills Development	Research Methodology
Seminar & Technical Paper Writing	Project - I
Elective - I (Any One) <ul style="list-style-type: none">• Mobile Computing & Wireless Networking• Computer Networking and Design Principles• Software Architecture• Advanced Algorithms	Elective -II (Any One) <ul style="list-style-type: none">• Software Quality Assurance & testing• IP Traffic Engineering• Fuzzy Logic & Neural Network• Advanced Optimization Techniques

Second Year

Semester III	Semester IV
Project - Phase I	Project - Phase II

M.Tech.

Electronics & Telecommunication Engineering

First Year

Semester I	Semester II
Advanced Digital Communication	Advanced DSP
Advanced Microwave Engineering	Advanced Communication Networks
Statistical Signal Analysis	Optical Fiber Communication Networks
Professional Skill Development	Review and Implementation of Technology
	Research Methodology
Elective - I (Any One) <ul style="list-style-type: none">• Advanced VLSI System Design• Information Theory and Coding• Applied Satellite Communication	Elective - III (Any One) <ul style="list-style-type: none">• Microwave Integrated Circuits• Wireless Communication and Networks• Advanced Image Processing
Elective - II (Any One) <ul style="list-style-type: none">• Telecom Network Management• Embedded System Design• Antenna System Design	

Second Year

Semester III	Semester IV
Project - Phase I	Project - Phase II

M.Tech.

Industrial Automation Engineering

First Year

Semester I	Semester II
Mechatronic Systems Design	Industrial Robotics
Fluid Power Automation	Artificial Intelligence and Expert Systems in Automation
Industrial Drives and Control Systems	Design Aspects of Industrial Automation
Automation in Manufacturing Systems	Sensors in Manufacturing
Professional Skill Development	Research Methodology
Elective I (Any One) <ul style="list-style-type: none">• Advanced Microcontroller• Product Design & Development• CNC Technology	Elective II (Any One) <ul style="list-style-type: none">• Advanced Embedded Systems• Flexible Manufacturing Systems• Advances in Design and Manufacturing

Second Year

Semester III	Semester IV
Project - Phase I	Project - Phase II

M.Tech.

Mechanical Engineering

First Year

Semester I	Semester II
Numerical Techniques	Finite Element Methods and Applications
Dynamic System Modeling and Analysis	Optimization Techniques
Professional Skill Development	Research Methodology
Elective I	Elective IV
Elective II	Elective V
Elective III	Elective VI

Second Year

Semester III	Semester IV
Project - Phase I	Project - Phase II

Note: If a student selects group A then all the electives have to be selected from group A only

List of the Electives

Group A	
Sem I	Theory of Elasticity and Plasticity
Sem I	Fracture and Failure Analysis
Sem I	Mechanical Design Analysis
Sem I	Machine Dynamics and Vibration
Sem II	Reliability Engineering
Sem II	Design for Manufacturing and Assembly
Sem II	Advance Tribology
Sem II	Design of Material Handling Equipments
Sem II	Design of Pumps and Compressors

Group B	
Sem I	Advanced Thermodynamics
Sem I	Advanced Heat Transfer
Sem I	Refrigeration and Air Conditioning Technologies
Sem I	Computational Fluid Dynamics
Sem II	Analysis of Turbo Machinery
Sem II	Analysis and Design of I. C. Engine
Sem II	Non Conventional Energy Systems
Sem II	Design of Pumps and Compressors

Group C	
Sem I	Supply Chain Management
Sem I	Computer Integrated Manufacturing
Sem I	Analysis of Machining and Forming Processes
Sem I	Product Life Cycle Management
Sem II	Design for Manufacturing and Assembly
Sem II	Theory of Metal Cutting
Sem II	Production Planning and Control
Sem II	Theory of Experiments
Sem II	Reliability Engineering

M.Tech.

Data Science (Business Analytics)

First Year

Semester I	Semester II
Data Gathering and Cleaning (ETL Process)	Big Data Technology (Computational Technique for Large scale data analytics)
Data Science (Probability and Statistics)	
SAS Programming	Visual Analytics
Data Science (Business Analytics)	Machine Learning and Data Mining
R/R-Studio, SPSS and Tableau Programming	Data Science 2
Professional Skill Development	Elective – I (Any One) <ul style="list-style-type: none">• Neural network• Marketing Analytics• Operation and supply chain analytics• Cyber security• Social Media including Google, Tweeter and Facebook• Finance Analytics
Seminar & Technical Paper Writing	

Second Year

Semester III	Semester IV
Project - Phase I	Project - Phase II

Certificate program in Business Analytics

Programme

Certificate program in Business Analytics

Eligibility Criteria

Candidate must have minimum 55% marks or CGPA >2.75 (as mentioned by University in Final Marksheet) in B.Tech. /B.E: Computer, IT, EXTC or M.Sc: Maths, Statistics, Computer Sciences.

Note:

- Candidates appearing for final year B.Tech /B.E or M.Sc can also apply.
- Candidates who have cleared their graduation by doing a part-time course or through distance learning, correspondence courses, externally, open school from recognized University are eligible to apply & register as per UGC guidelines.

Duration

1 Years Full-time

Intake

25 seats

Selection Procedure

Personal Interview

Merit list will be prepared based on performance of candidate in Personal Interview.

Certificate Program in Business Analytics

First Year

Semester I	Semester II
Data Gathering and Cleaning (ETL Process)	Big Data Technology (Computational Technique for Large scale data analytics)
Data Science (Probability and Statistics)	
SAS Programming	Visual Analytics
Data Science (Business Analytics)	Machine Learning and Data Mining
R/R-Studio, SPSS and Tableau Programming	Data Science 2
Professional Skill Development	Elective – I (Any One) <ul style="list-style-type: none">• Neural network• Marketing Analytics• Operation and supply chain analytics• Cyber security• Social Media including Google, Tweeter and Facebook• Finance Analytics
Seminar & Technical Paper Writing	

Ph.D.

Programmes & Specialisation

- Ph.D Engineering: Electronics, Electronics & Telecommunication, Information Technology, Computer, Mechanical, Chemical, Civil Engineering & Applied Mathematics
- Ph.D Technology Management

Duration of the Programme

Minimum 3 & Maximum 5 Years (full time)

Eligibility and Admission Criteria

Condition 1:

- The candidate must have passed Admission Test conducted by the University.

Or

- The candidate is qualified in NET/SET/GATE/JRF examination of the apex bodies in higher/technical professional education such as CSIR/UGC/ICMR or other equivalent examination.

Condition 2:

a)

Ph.D. (Engineering):

The candidate must have passed M.E./M.Tech (2 yrs Program) with minimum 60 percentage / grade B+ (as mentioned by University in Final Marksheet) at Masters Level.

The candidate must have passed M.Sc (For Applied Mathematics Specialization only) 2 yrs Program with minimum 60 percent / grade B+ (as mentioned by University in Final Marksheet) at Masters Level.

Or

The candidate must have passed M.E./M.Tech (2 yrs Program) with minimum 55 percentage / grade B in final year at Masters level & B.E/B.Tech with minimum 60 percentage / grade A (as mentioned by University in Final Marksheet) at Bachelor level.

The candidate must have passed M.Sc (For Applied Mathematics Specialization only) 2 yrs Program with minimum 55 percent / grade B in final year at Masters level & B.Sc (For Applied Mathematics Specialization only) with minimum 60 percent / grade A (as mentioned by University in Final Marksheet) at Bachelor level.

Ph.D. (Technology Management):

The candidate must have passed M.E./M.Tech/ (MBA with BE/B.Tech) (2 yrs Program) with minimum 60 percentage / grade B+ (as mentioned by University in Final Marksheet) at Masters level

OR

The candidate must have passed M.E./M.Tech/(MBA with BE/B.Tech) (2 yrs Program) with minimum 55 percentage / grade B in final year at Masters Level & B.E/B.Tech with minimum 60 percentage / grade A (as mentioned by University in Final Marksheet) at Bachelor level.

Or

- b. The candidate is a teacher having full time teaching experience of at least two years in Degree College / University. (In relevant area).

Or

- c. The candidate is a person who has successfully completed the professional examination conducted by the Institute of Chartered Accountants of India and/or the Institute of Cost Accountants of India and/or the Institute of Company Secretaries of India. (With minimum 55%)

Or

- d. The candidate is a person who is a graduate of this or any other recognized university and is working in National Laboratories/ Institutes/Government/Private Organization, nominated/sponsored by the respective employer.

Note:

- Candidates appearing or awaiting for final year result are eligible to apply.
- Candidates who have cleared their graduation by doing a part-time course or through distance learning, correspondence courses, externally, open school from recognized University are eligible to apply & register as per UGC guidelines.
- During first year of the program, all students will have to complete Pre-Ph. D. course work. On successful completion of Pre-Ph.D. course work student will be registered for Ph. D.

4. Selection Process: Written Test & Personal Interview

A) Written Test

Section A: General Aptitude test

Section B: Area/Domain Specific

- Candidates who have qualified in NET/SET/GATE/JRF/GPAT examination of the apex bodies in higher/technical professional education such as UGC, CSIR, ICMR or other equivalent examinations are exempted from NMIMS entrance test. However they have to appear for Personal Interview

B) Personal Interview

- Presentation based on SOP will be followed by Personal Interview
- During interview candidates are expected to discuss their research Interest/area
- Only shortlisted candidates based on test will be called for Personal Interview
- Final merit list will be based on Written Test & Personal Interview



Faculty Members with Dean, MPSTME (Mumbai)



Faculty Members with Director, MPSTME (Shipur)

Ban on Ragging in the University

Ragging is banned in the university and anyone found indulging in ragging is liable to be punished appropriately which may include expulsion from the university. Ragging is strictly prohibited in the university premises and outside. Students involved in ragging other students will be punished as per 'The Maharashtra Prohibition of Ragging Act, 1999 (Mah. XXXIII of 1999) published in Maharashtra Govt. Gazette on 15th May 1999. Moreover, it will be mentioned in the Migration Certificate of such students that they are expelled because of indulgence in ragging. The students found guilty of ragging earlier will not be admitted to this university again.

Disclaimer

NMIMS reserves the right to make any changes as it may deem fit to the items contained in this brochure, including the programme name, programme contents, duration, fees, channel and methods of delivery, faculty, admission and refund policies, evaluation and standard of passing and so on. Besides the faculty members mentioned in this brochure, NMIMS also benefits from the services of a large number of industry professionals who serve as part-time or visiting faculty. NMIMS reserves the right to assign any of those faculty to any programme. Conduct of these programmes is governed by various rules and by-laws as laid down and modified from time to time by NMIMS. Copies of current rules and by-laws are available with the registrar for perusal. All disputes are subject to the legal jurisdiction of Mumbai only.

Academic Guidelines

Detailed Academic Guidelines, regarding Course Outline, Grading, Examination, Attendance Norms, etc., are given in the Students Resource Book (SRB), which is made available to every student who joins the university.

NMIMS Anthem

We do what's right and not what's easy
We give our best shot each and every time We set the standard

We are the future

We are a part of this institute so fine

NMIMS NMIMS

NMIMS NMIMS

Respect the past

Create the future

Transcend horizons however far

We have what it takes

We make a great team

At NMIMS each one is a star

NMIMS NMIMS

NMIMS NMIMS

SVKM'S

Narsee Monjee Institute of Management Studies

(Declared as Deemed to be University under Section 3 of the UGC Act, 1956)

Mukesh Patel School of Technology Management & Engineering

Bhakti Vedant Swami Marg., J.V.P.D. Scheme, Vile Parle (W),

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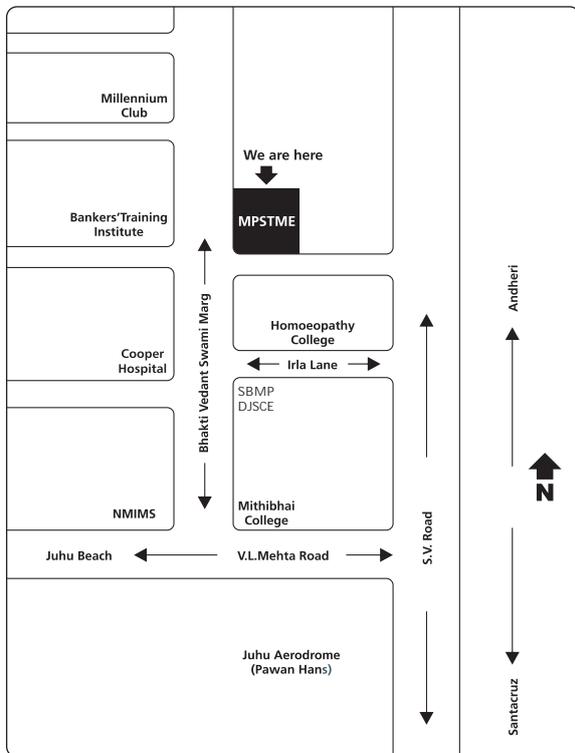
Shirpur Campus:

Mukesh Patel Technology Park, Babulde, Near Tapi Bridge,

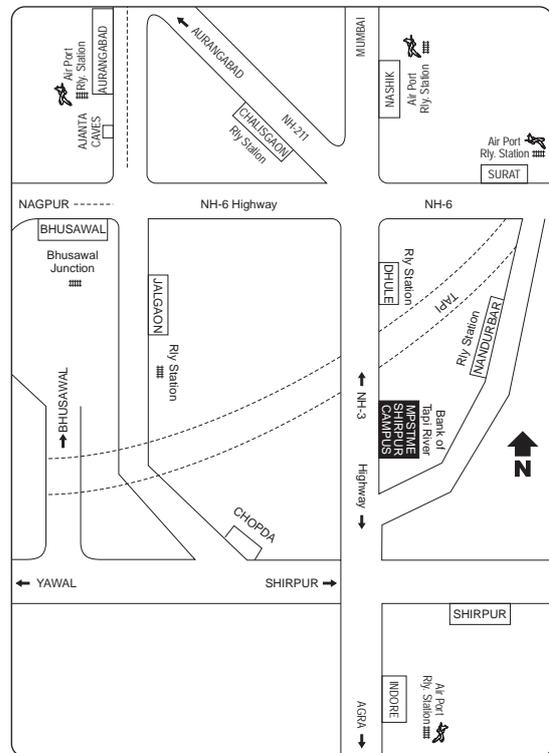
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MPSTME_Mumbai Campus



MPSTME_Shirpur Campus