SVKM'S
NMIMS
Deemed to be UNIVERSITY

MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING

www.nmims.edu

PROSPECTUS
2014

Mumbai Campus | Shirpur Campus

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

NMIMS
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

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

Shri Pravin Gandhi, Sr. Vice President, SVKM

Prof Seema Mahajan, Director – Center For Family Business & Entrepreneurship Management

Dr. Bala Krishnamoorthy, Associate Dean, SBM

Shri Ashish Apte, Controller of Examinations

Non Member Secretary

Mrs. Varuna Saksena - In-charge Registrar

Chancellor's Message

Recent developments and surveys have indicated the need for local as well as global demand for Engineers and Managers who have excellent analytical, technical and leadership as well as managerial skills especially those who thrive in multi-cultural environments. Due to the fast changing technology scenario, the institutional development with focus on students' development and use of modern tools such as different pedagogical initiatives which include learning management system, experiential learning system has become imperative.

The Mukesh Patel School of Technology Management and Engineering (MPSTME) at SVKM's NMIMS (Deemed-to-be University) has attracted several distinguished academicians who have created a foundation for accelerating the education and career of students.

It is important to share with you SVKM's vision which is built on a deep commitment to teaching, learning, research, teamwork, and developing a foundation for leadership. NMIMS as well as MPSTME have inked MOU's with some of the leading Institutes in the world as well as industry so that students receive global exposure.

The school has an undisputed record of outstanding achievements as a Technology Management and Engineering School, and has carried forward the tradition of excellence into other schools. At MPSTME, we have taken initiatives to create consistent and undisputed excellence in our teaching and research programs. We firmly believe in out-of-the-box approach in our teaching techniques, research and student skill enhancement. To ensure relevance of our programs, programs are updated in line with recommendations from India's leading luminaries from industry and academia and have built in laboratory exercises and field training. Our courses are designed and delivered with a very significant intellectual and capital investment. Over the last year MPSTME has taken the initiatives of setting up several centers of excellence.

The accolades won by our faculty and students in Indian and international forums and the rising demand from industry for our students, lends credence to our claims of quality. We believe in industry linkages and it is our constant endeavor to collaborate with industry for student skill development and curriculum enhancement.

I encourage you to visit and engage yourself in the learning experience at MPSTME and seize this unparalleled opportunity.

Shri Amrish Patel

Chancellor

From the desk of Vice Chancellor

SVKM's NMIMS (Deemed-to-be University) is known for its path breaking and innovative programs in terms of design, pedagogy as well as delivery. NMIMS was first to start in India, a five year MBA (Tech.) program way back in 2004. With the establishment of Mukesh Patel School of Technology Management & Engineering (MPSTME), the B.Tech., M. Tech., Ph. D. (Engg.) were launched in 2006.

MPSTME has always ensured that its programs are in consonance with the industry needs of tomorrow, both on the technological and techno-managerial fronts thereby making its graduates industry relevant. The school has matured into an institute renowned for its excellence in – research, curriculum, co-curricular and extra-curricular activities, industry linkages and infrastructure. MPSTME's Mumbai and Shirpur campuses are an evidence of the commitment of NMIMS excellence. The school has received recognition from leading Industrial houses for placement.

During the last year, school has taken several initiatives to establish centers of excellence to enhance relevance of its curriculum and learning experience. Students of MPSTME have ably 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 offers industry internship, laboratory experiments on modern setups for honing practical skills, case studies, seminars and research skills development. Our placements across the years, along with the salary packages offered, demonstrate the industry preference for our students.

We look forward to welcoming each one of you to join MPSTME in the new academic session 2014-15.

Dr. Rajan Saxena

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.

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 nurtured by faculty who are experts in their respective domains. The industry training modules are adopted as part of curricula to augment the employability of graduating students.

There are abundant opportunities provided for all-round development of students which include extracurricular activities organized by students' council and students chapters of professional bodies. MPSTME students' display consistent outstanding performances in International Inter-university competitions owing to 'practice oriented' curriculum and scholarly grooming. MPSTME team of students received award at the “Lunabotics” and MAIT Rover competition held by NASA consequently for the last two years. Two students received Diplomacy award at Model United Nations International Conference held at Melbourne, Australia. A group of students was also recognized by the Harvard Alumni for their social venture project on cold vaccines.

I invite the students to come to MPSTME and engage themselves in a professional education on a career transforming path.

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

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 six batches of MBA (Tech.) and five batches of B.Tech. graduate, 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 charted course.

Dr. Sharad Y. Mhaiskar

From the desk of Associate Dean (Shirpur Operations)

MPSTME Shirpur Campus is an integral part of educational institutes under the umbrella of SVKM's NMIMS. In this residential campus all necessary facilities are provided to nurture young minds to become successful professional. Highly qualified and dedicated faculty putting their effort to build this campus as epicenter of technical education and research. Collaboration with IITB, BOSCH, Accenture, Blackberry etc. for Training, Research and Project Development activities, enabled faculty and students to get exposure to recent technologies.

Our students are achieving remarkable success in academics. We motivate students to organize and participate in various co-curricular and extra-curricular activities. There are IEEE, CSI, IETE, ICE, ASME, SAEINDIA, AIESEC, ENACTUS student chapters to provide the platform to conduct various activities.

Special efforts are being put to develop Personality, Entrepreneurship and Leadership qualities amongst students by providing extra training sessions in Soft-skills, Communication and Presentation skills. We invite eminent professionals and academicians on campus for faculty and students interaction.

Ethically rich and professionally competent environment at Shirpur Campus is adding value to learning environment. Apex management body has set the focus of all-round development of the student. This campus is ideal place for Learning, Knowledge sharing and Skill building for budding technocrats and techno-managers.

Welcome !!!

Dr. Manojkumar Deshpande
Professor & Associate Dean
SVKM's NMIMS, MPSTME, Shirpur Campus

ARCHITECTURAL
RECORD

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

1. Formulate relevant curriculum through strong industry linkages and interaction.
2. Ensure quality of education through pedagogical innovations
3. Undertake and promote relevant research.
4. Ensure multifaceted development of students, faculty and staff through continuous introspection and inputs.
5. 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 Colege 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

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 400+ 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 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.

NMIMS has nine Schools, two Satellite Operations and two Off-Campus Centres.

At SVKM's NMIMS Deemed-to-be University, 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 has a team of over 200 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.

NMIMS has well-developed international linkages with reputed universities, leading to international assignments for teaching, research & consultancy and faculty and students' Exchange Programs

A very important parameter of success for any B-School is its ability to offer corporate interface for its students, which enhances their practical knowledge to face the corporate world. NMIMS has built strong partnerships with the corporate world, providing training for staff, collaborating on research & development programs, consultancy assignments and corporate projects. NMIMS strives to build up industry-sponsored collaborative postgraduate programs, conducts workshops, seminars, and guest lectures for students to expose them to the realms of the corporate environment. Management Development Programs (MDPs) are an integral part of the University's activities towards developing its interaction with the corporate world.

NMIMS has grown to this stature because it has dared to dream, but will never rest on laurels already achieved. With each passing day and each passing year, NMIMS plans for a better future. Geared towards dynamic growth in all fields, the University has bigger dreams for tomorrow.

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.

What is more, there are various laboratories: Those of Computer Science, Applied Sciences, Telecommunications and Information Technology, which are equipped with technologically advanced instruments and managed by a 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.**

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 first batch of 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, Mechotronics 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 is developed "Blackberry Communication Lab", Two faculty members are already trained at Blackberry centre at Hyderabad.
- MPSTME Mumbai organized International Conference on Advances in Technology and Engineering (ICATE-2013) & International Conference on Technology Management (ICTM-2013) at Hotel Sea Princess, Mumbai from the 23rd to 25th January 2013. The conferences were addressed by speakers of national & international repute and served as a platform for researchers and industry delegates to present and share the advances and innovations in industry.
- 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. Prachi Gharpure (Principal, SPIT)
2. Dr. Sunita Mahajan, METz
3. Mr. Akhilesh Srivastava (Head-IP Creation, CIG, Tata Consultancy Services)

CIVIL ENGINEERING

1. Prof. V.B. Vanvari, HOD (Civil), SBMP
2. Dr. R.A. Hegde, Professor, SPCE
3. Dr. A.R. Kambekar, Associate Professor, SPCE
4. Prof. G. Venkatachalam, Emeritus Professor, IITB
5. 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.

MANUFACTURING / 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 and ELECTRONICS & TELECOMMUNICATION ENGINEERING

1. Dr. T.S. Rathore, SFIT
2. Prof. N.S.T. Sai, Tech Mahindra
3. Mr. Ramani Iyer, Ex-DOT
4. Dr. Shivkamy Rajagopalan, DOT
5. Mr. Saurabh Srivashtav, NEC
6. Dr. R. D. Daruwala, VJTI
7. Mr. Sunil Kumar K, TCS
8. 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 (Abener Engineering Pvt. Ltd.)

TECHNOLOGY MANAGEMENT

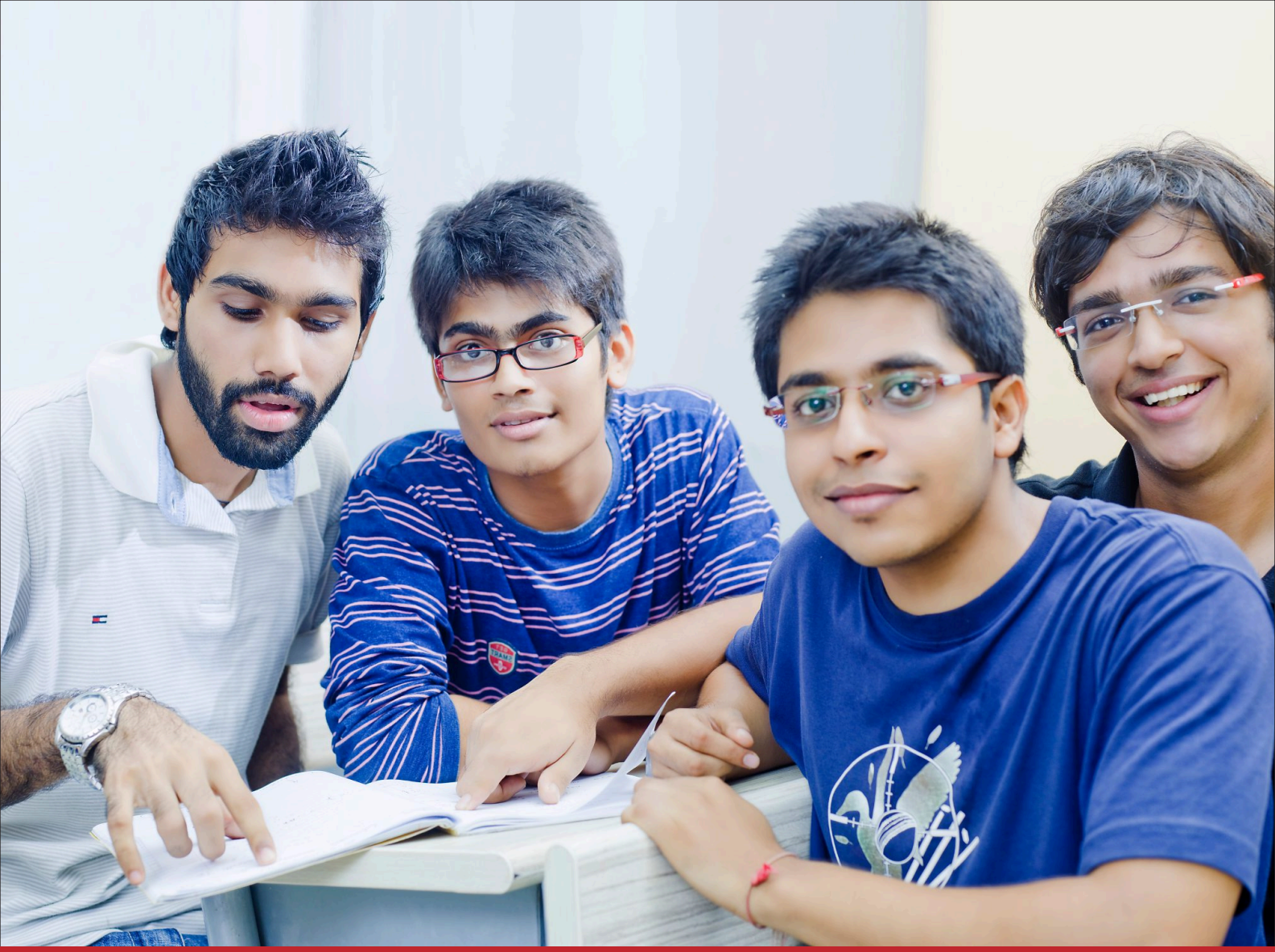
1. Dr. Debasis Sanyal Dean, SBM, Mumbai
2. Dr. M.G. Korgaonkar, Director General, NICMAR, Pune
3. Dr. Karuna Jain Professor, SJMSOM
4. Dr. Barun Chakraborty G.M., L & T
5. Mr. Sekaran Exec. Director, Hindustan Dorr-Oliver
6. Mr. Rakesh Khanna President, Syntel
7. Mr. J.K. Ghai Former Director-Finance, Nuclear Power Corpn. Ltd

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's outstanding research and education mission. MPSTME Library provides a safe, 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. MPSTME Library is a fully automated and has a rich collection of books predominantly related to management, engineering and allied subjects and periodicals, audio visual documents and CD-ROMS as well as valuable subscription to electronics online resource databases. Users can access the online databases and also find out the real-time availability of library materials from their own computer terminals. The Library offers a range of information services set to the highest professional standards.

The well-furnished and air conditioned MPSTME library is located on the ground floor of the college building and spread over 2,636 square feet, with a seating capacity for 110 students. The library is divided into two sections: The Reading Hall plus Stacking Area and The staff Area.

MPSTME with its state-of-the-art library has progressed a good deal by acquiring different kinds of documents especially E-resources, cataloguing & processing them appropriately, storing

and giving access to its users not only in library premises, but also on the desktops from any part of the world. The library database (OPAC), which is currently on intranet, gives detailed information about library resources including books (more than 10,000), journals (63, National and International), E-journals (2 : ASME, ASCE), databases (28 including HBR, Gartner, IEL Online), E-books (Approx. 70345, Pearsons, E-brary, McGrawHill) and technical and Project reports with different search tools for its users. Users can have access to more than 25000 full text journals covering titles published by Elsevier (Science Direct), Springer, John Wiley, etc. and from the aggregators like Ebsco and Proquest. Links to various databases like CMIE, Capital Markets, ISI Emerging Markets are also made available through OPAC. The Learning Resource provides a number of innovative information services including Journal Content Service, News Clipping Service and Monthly Documents Additions Lists.

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.

EMC^2 Lab

MPSTME has a academic tie up with EMC^2 - the world leader in storage products. Also, EMC^2 storage equipment has been purchased to enable students to get hands on experience in Infrastructure Systems Management. The course work is designed around EMC^2 prescribed course work. This helps students get EMC^2 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.

NMIMS

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.

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.

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.

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.

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.

Akash 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.

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 intellective 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
- Ingolstabt University of Applied Sciences, Germany
- SAP Universities alliance program, Germany
- CETYS University, Mexico
- Warwick University, UK
- Steven Institute Of Technology, US

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

21st Century Group
99Acres.com
ABECL
Accenture
Adani Wilmar
Addonix
Air India
All Cargo Logistics
Aloha Technologies
Amdocs
ANB Global
Aranca
Arco Group
Artech Instruments & Controls
Atidan
Auto Hanger
Avanse Financial Services
Avantek
Bajaj Capital Ltd.
Bank of Baroda
Bank of India
Barclays
BASF
Bharati Airtel
Big Rattle Technologies
Bombil Media
Brand Saloon
CDAC
Celite Tyres
Central Bank of India
Centrum
Channel Code
Converged Data Technologies Pvt. Ltd.
Core Services India
Cosmo Films
Coupondunia
Credence Analytics (I) Pvt. Ltd.
Crimson Interactive
Crompton Greaves
Crompton Greaves Ltd.
Cyber Marine
D.C.P.L. Exporters
DataCard
DCB Bank
Decimal Point Analytics
Decimal Point Analytics Pvt Ltd.
DHL - Global Forwarding
Dimension Data
Directi
Dr Batra's
Dun & Bradstreet - D&B India
Eccentric Engine Pvt. Ltd.
Edelweiss Financial Services Ltd.
ELGi Technologies
engage4more
EPP Composites
Estire Research & Analytics
Ethinos
Ethinos Digital Marketing
Excel Crop Care Limited
EY
EY Globe
Factset
FIS Global
Forbes Marshall
Galaxy Surfactants Ltd.
Garware Polyester Ltd. India
Genii Technologies
Gift XOXO.com
Green Footprints
GRNL
Gyan Central
Hannover Milano
Hindustan Zinc Limited.
House Proud
IBM
ICICI Bank Ltd.
ICICI Securities Ltd.
Icicle Technologies
Idea Cellular Ltd.
iDigitalise
IIFL (India Infoline)
ilogo
India Bulls (IBREL)
IndusInd Bank Ltd.
Infinite Computing Solution
ING Vysya Bank
Innovis Telecom Services Pvt Ltd.
Inopen Technlogies
Intrac Inc.
Jagbros Group
Jaro Education
JCD Digital Inkjet Tech SH Co.Ltd.
JP Morgan
Karvy Stock Broking Ltd.
KPMG Global Services
L & T Infotech
Leighton Welspun
Liberty Videocon General Insurance
Livquik Technologies
Lupin Pharma
Mahindra
Mahindra & Mahindra
Mahindra Rise
Max Prowess
Miles Software
Milestone Interactive
Mindcraft
Monarch Innovative Technologies
Monster Instinct
Motilal Oswal
Mrigya Ventures
Myco Industries
National Engineering Industries Ltd.
National Informatics Center
Naukri.com
Neelkanth Group
NetCore Solutions
NM Automation
Nomura
Nu Webwave Technologies
Nucsoft
Nvizion Solutions
Nwdco
Panasonic
Pragmatix
PRDXN
PriceBaba.com
PricewaterhouseCoopers India - PwC
ProThoughts
Punjab National Bank
Pure Tech
Quinnox
RedSeer Consulting
Reliance ADA
Reliance Corporate IT Park Ltd.
Reliance Industries
Remi Group
Royal Bank of Scotland - RBS
Runwal Group
S & P Capital IQ
Sanda Wellness
Sanmar Group
SBI Life Inurance
Seclore Technologies
Shoppers Stop
Shot Format
SIDBI
Siemens Financial Services
Simplex
Standard & Poor's Capital IQ
State Bank of India
Sun Jewels
Syntel
Sysgenx
Systango
Taaiijas Infotech Pvt Ltd
TATA Croma
Tavant Technologies
TCS
Teach For India
Tech Connect
Tech Mahindra
Tele Labs
Telelabs Wireless
Thakar Engineering
The Elephant Company
The Service Solutions
Thermax
Thought Works
TNS Global
Torc Star Bolting Tools
Trampolinetech
Travel Food Services
Tresvista Financial Services
Verdantis
Vistex
Waree
Wegilant
Wisdm Labs
Works Application
XL Dynamics India Pvt. Ltd.
Zeus Learning
Zs Associates
Zycus

Feedback from Industry

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

Tata Croma
Good exposure to students through long Internships.

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!!"

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

Ernst & Young
"Very well organized. Extremely structured. Bunch of Enthusiastic students. 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 & impressing. Looking forward to build a relationship. Excellent College, great infra & thank you for the great hospitality."

Students Initiatives

International Achievements

NASA's 1st Human Exploration Rover Challenge:

A team of following six students under the guidance of Prof. Sawankumar Naik from SVKM's NMIMS Mukesh Patel School of Technology Management & Engineering participated in NASA's 1st Human Exploration Rover Challenge held at U.S. Space and Rocket Center, Huntsville, Alabama, USA during 10th–12th April, 2014 and won the Award for "**Best System Safety Engineering**".

i. Mr. Aseem Srivastava (Team Leader), 3rd Year B. Tech, EXTC
ii. Mr. Viranch Shah, 2nd Year B. Tech, Civil
iii. Mr. Karan Shah, 3rd Year B. Tech, Mechanical
iv. Mr. Vinay Singh, 3rd Year B. Tech, Mechanical
v. Ms. Rushali Jaiswal, 2nd Year B. Tech, EXTC
vi. Mr. Vivek Maurya, 4th Year B. Tech, Computer

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."

'SATTVA', Annual Festival 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 level college 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. Every year the committee organizes events like Freshers' Party, Dandiya Raas, Traditional Day 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, 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.

The 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 & debugging competition under the guidance of experts who share their knowledge with students.

Taqneeq

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.

Colloquium

Colloquium is the student-industry interface which exposes students to highly successful people across industries. They organise 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 professionals 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.

Sports Committee

organises various indoor and outdoor sports competitions and tournaments throughout the year along with the tremendously enthusiastic Sports Day.

The Sports Committee is concerned with organizing various intra-college sports events throughout the year and encouraging more and more students to participate in many indoor & outdoor sports activities which include cricket, football, volleyball, chess, carom and badminton tournaments at various levels.

The Editorial Board

The Editorial Board (EdBoard), MPSTME's official "Publishing House", was formed back in 2006-07. It comprises dedicated students who work round the year, pasting together snippets of life at MPSTME, new and upcoming technology, current affairs, industry – and academia-related content, reviews, poetry, (digital) art, trivia, quizzes, polls, guest articles etc. and organises various literary events including the most popular 'Crossfire Debate' which sees participation from over 30 colleges.

A faculty panel of prominent names in NMIMS streamlines our activities with its experience and expertise in various fields.

The EdBoard has prestigious publications to its name:

- "Verve" – The Annual Magazine
- "College Desk" – The Newsletter

Social Impact Cell

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

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

SOCIAL IMPACT CELL is active throughout the year, constantly organizing events, drives, movie shows, undertaking consultation for NGOs etc.

Our mission is "to organize consolidated campaigns 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 mind, rather than to fill it with it facts for a test."- Anonymous.

NMIMS IEEE Branch

The NMIMS IEEE student branch was started in the year 2006 with initial student strength of over 80. The branch is affiliated to the IEEE Mumbai section. The branch consists of a dedicated group of students who aim to gain exposure to new technical advancements for greater career opportunities, through team meets and various other events, held regularly, to keep themselves abreast with the latest developments in cutting-edge technology.

Placecom

The Placement Committee is a student activity to complement the faculty endeavors for arranging placements for students. It works towards recognizing the core competencies of students to better serve the interests of their batch mates. In order to accomplish Industry-Institute interaction, it organizes technical talks and national seminars to provide a platform for the 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's MPSTME. PMI (Project Management Institute) is a worldwide apex body of PM Professionals with Chapters all over the world. PMI & MPSTME jointly organizes Guest lectures, Competetions, Quizs, etc. A Students Branch of PMI – Mumbai Chapter in MPSTME campus was launched on 18th October, 2008.

Findrome

The finance cell of NMIMS University's Mukesh Patel School of Technology Management and Engineering (MPSTME) is a students' body which organizes events based on financial themes like guest lecturers from industry experts Events like virtual stock market, management simulation games, case study competition & panel discussions, envisage to keep students abreast with latest happenings in corporate and financial world.

International Society of Automation (ISA)

a) Pre Launch Event: A two day workshop on Augmented Reality was conducted by student coordinators with the help of the committee members during 18th – 20th April 2014. The event focused on the applications of MATLAB software like Face recognition, Color detection, Blob analysis, gesture recognition and integrated Graphical User interface.

b) Inauguration of ISA: The International Society of Automation (ISA) NMIMS MPSTME student chapter was inaugurated on 23rd April 2014. The seminar was held to introduce the society to its newly formed members. The ceremony was graced by the presence of Hon. Mr. Omprakash Barure, the president of ISA International, Maharashtra Section and Hon. Mr. D.S. Sawant, the Student Section Liaison, ISA Maharashtra Section. The Chief Guest of the gathering, Hon. Mr. A.M. Agnihotri , the Director of Navicom International Technologies Pvt. Ltd. who extended his knowledge and experience in the form of a highly interactive session on "Automation in Mechanical Industry".

Civil Engineering Student Association (CESA)

The inauguration of the Student Organization- 'Civil Engineering Student Association' (CESA) was organized on 5th April 2014 at MPSTME. Mr. Arvind Shah, The President, ASCE-India Section Western Region (ISWR) and Mr. Ravindra Ringshia, Treasurer and Joint Secretary, ASCE-ISWR were the Guests of Honour.

ISME Student Chapter

MPSTME has a student's chapter of Indian Society of Manufacturing Engineers (ISME) with member strength of 90 students.

The society works in the field of Manufacturing Engineering and Management (MEM) and aims to provide:

- Advance knowledge in MEM
- Means and methods of applying such knowledge in practice and in education.
- A channel of communication with like minded societies and institutions.
- Promotion and active engagement in research, publication & dissemination of knowledge related to the field.

Pragati Social cell

Pragati is the name of the social cell of NMIMS campus comprising of students from MPSTME and SPTM. Pragati is a student initiated idea that has been made possible with the support and encouragement from the university. Pragati Cell aims at upliftment, progress and education of the deprived of Shirpur Taluka. Pragati Cell aims empowering the children of the laborers in and out of NMIMS campus in terms of food, clothing and proper education. AIESEC - MPSTME Shirpur chapter facilitating students for summer internship in Egypt, China and South Africa.

Protsahan

PROTSHAN is Annual Cultural, Technical and Sports Festival organized every year by the students of SVKM's NMIMS, Shirpur Campus. Annual Festival conducted and managed by the students under the supervision of the faculty & 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.

Ambiora

Ambiora is the technical fest conducted under SVKM's NMIMS MPSTME (Shirpur campus). It is aimed at mobilizing the keen minds in the engineering institutions. Through Ambiora students can inculcate the importance of individuality and originality which are vital in most of the engineering prospects these days. To inspire students to think, develop and come out as a pioneer for technical implementation are Ambiora's prime objectives.

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".

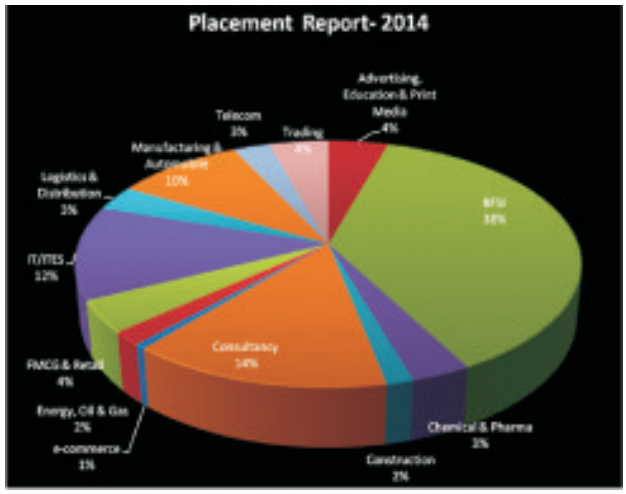
Anushree Goyal - McKinsey & Co.

Placement

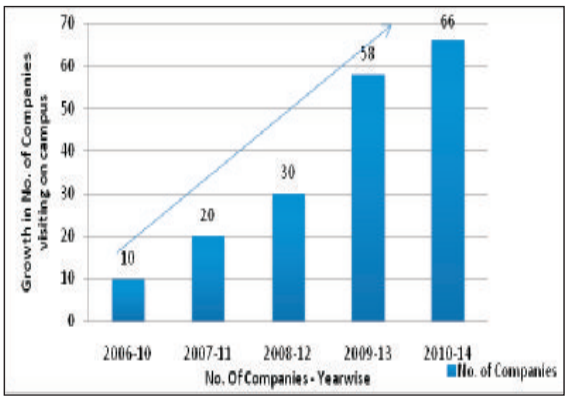
MBA (Tech) Programme, is the first of its kind in the country, was launched in 2004 by NMIMS University to address major industry requirement, viz. the amalgamation of Engineering & Management fields into a single capsule.

MBA (Tech.) is a Dual Degree 'B.Tech. and MBA' 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, Civil, Electronics & Telecommunication, Chemical and Mechanical. Concurrently, they also specialize in Management disciplines like Finance, Marketing , Operations, Project Management or HR.



Packages
Highest Package: 9 Lacs
Average Package: 6 Lacs



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.

Packages

Highest Package: 7.40 Lakhs per annum
Average Package: 4.16 Lakhs per annum

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
- Illnois 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**
- **Electronics & Telecommunication Engineering**
- **Chemical Engineering**
- **Mechanical Engineering**
- **Computer Engineering**
- **Civil Engineering**

Bachelor of Technology (B.Tech.)

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

B.Tech. (Integrated Diploma-Degree)

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

Master of Computer Applications (MCA)

Master of Technology (M.Tech.)

- **Information Technology**
- **Computer Engineering**
- **Electronics Engineering**
- **Electronics & Telecommunication Engineering**
- **Industrial Automation**
- **Mechanical Engineering** (only for Shirpur)

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	40	40
Electronics & Telecommunication Engineering	40	40
Chemical Engineering	40	-
Manufacturing / Mechanical Engineering	40	40
Computer Engineering	40	40
Civil Engineering	40	40

Career Opportunities

MBA (Tech.) Programme delivers state-of -the- art management and technology knowledge and skills to the students. These tachno-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: Candidates who have passed the 10+2 exam by doing a part-time courses or through distance learning / correspondence / externally / open school are not eligible to apply for the courses.

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 NMAT (UG) to be conducted at various locations in India.

Merit list will be prepared on the basis of the performance of the candidate in NMAT (UG). 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	Principles and Practices of Management
Business Communication - I	Statistical Methods

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
Research Methodology	Project Management
Business Economics	Information System for Managers
Constitution of India	Safety, Health & Environmental Management Systems
Operations Research	Financial Accounting
Ethics for IT Users	Ethics for IT Organisation

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	Strategic Management
Research Methodology	Quality Management Systems and Practices
Financial Analysis and Accounting	Industrial Marketing
Organisation Behaviour	Financial Management
Management of Innovation	Management of Technology
Enterprise Planning System	Human Resource Management
Operations Management	Legal Aspects of Business
Cost Accounting	Supply Chain Management
Corporate Social Responsibility	**Elective - III (Any One)** • Advanced Database Management Systems • Image Processing • Embedded Systems • Advanced Computer Network
Marketing Management	
Research Project-I	
Elective - I (Any One) • Data Warehousing and Mining • Software Quality Assurance	
Elective - II (Any One) • Artificial Intelligence • Information Storage Management • Multimedia Systems • Mobile Computing	

Fifth Year (Management subjects Common for All Branches)

Semester IX	Semester X
Name of the Subjects	Name of the Subjects
MIP	Elective 1
Elective 1	Elective 2
Elective 2	Elective 3
Elective 3	Elective 4
Elective 4	Elective 5
Elective 5	Advanced Business Communicaiton
Entrepreneurship Management	Leadership in Organisation
Research Project-II	New Product Development
Foreign Language • Spanish • Chinese • Germany	

Electives

Finance	Marketing	Technology Management	Operations	HR & OB	Project Management
Project and Infrastructure Finance	Customer Relations Management	Management of Tech. Acquisition & Transfer	Operations Strategy	Corporate Governance	Project Contracts & Claims Mgmt.
Management of Mergers and Acquisition	Brand Management	Business Models In Digital Economy	Services Operations Management	Human Resource Planning	Advances in Project Management
Project Risk & Insurance Management	Sales and Distribution Management	Tech. Forecasting, Assessment & Evaluation	International Project Management	Management of Change	Business Ethics and Professional responsibility
Corporate & Personal Tax Planning	Integrated Marketing Communication	Business Process Management	Simulation Modeling**	Management of International Business	International Project Management
Financial Institutions and Markets	Services Marketing	Business Analytics**	Operations Planning & Control	Economics of Negotiation & Conflict Resolution	Computer based project management
Investment Banking	Marketing Strategy	Systems Analysis & Design	Supplier Management	Cross Cultural Management	Project Configuration & Change Mgmt.
Financial Engineering	Retail Management	Knowledge Management	Infrastructure Development	Diversity, Innovation & Organizational Change	Program Management
International Finance	Consumer Behavior	Systems Approach to Org. design.	Contracts & Claim Management	Managing & Leading the Team in Organisation	Project Procurement and Planning
Management Control System	International Marketing		International Sourcing	Human Resource Development	Project Risk Mgmt.
Management of Commercial Banks	Marketing of Technology Products				Project & Infrastructure Finance
Security & Portfolio Management	Media Marketing				CAPSTONE EXERCISES IN PM***
Financial Risk Management	On-Line Marketing				
WTO & Indian Business					
International Trade					

*Conditionally offered, subject to 15 Registrations.
** Subject to availability of Software.
*** Compulsory subject.

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	Principles and Practices of Management
	Statistical Methods

Third Year

Semester V	Semester VI
Microprocessor based systems	Digital Communication
Antenna and Wave Propagation	RF Circuit Design
Fundamentals of Microwave Engineering	Microcontrollers and Embedded Systems
Digital Signal Processing	TV and Video Engineering
Computer Communication Networks	Business Ethics and Corporate Social Responsibility
Business Economics	Project Management
Operations Research	Safety, Health & Environmental Management Studies
	Financial Accounting
	Information Systems for Manager

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	Strategic Management
Research Methodology	Quality Management Systems and Practices
Financial Analysis and Accounting	Financial Management
Organisation Behaviour	Management of Technology
Management of Innovation	Human Resource Management
Enterprise Planning System	Legal Aspects of Business
Corporate Social Responsibility	Industrial Marketing
Operations Management	Supply Chain Management
Cost Accounting	Digital Voice Communication
Marketing Management	Network Design and Planning
Research Project - I	**Elective - II** (Any One) • Broadband Technology • Satellite Communication and Radar • Robotics
Optical Fiber Communication	
Wireless Communication Technology	
Elective - I (Any One) • Data Encryption and Network Security • Image Processing • VLSI Design & Technology	

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
	Principles & Practices of Management
	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
Business Economics	Business Ethics and Corporate Social Responsibility
Operations Research	Project Management
	Information Systems for Managers
	Safety, Health & Environmental Management Systems
	Financial Accounting

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	Process Optimization & simulation
Energy System Designs	Seminar
Environmental Engineering	Process & Project Engineering
Research Methodology	Strategic Management
Financial Analysis and Accounting	Quality Management Systems and practices
Organisational Behaviour	Financial Management
Management of Innovation	Management of Technology
Enterprise Planning Systems	Human Resource Management
Operations Management	Legal Aspects of Business
Corporate Social Responsibility	Industrial Marketing
Cost Accounting	Supply Chain Management
Marketing Management	
Research Project - I	

Fifth Year (Management subjects Common for All Branches)

Semester IX	Semester X
Elective - I (Any One) • Food Processing • Petroleum • Biochemical Engineering	Economics of Chemical Projects
Design Report I	Design Report II

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
Materials Engineering	Theory of Machines - I
Machine Drawing	Machine Shop - II
Machine Shop - I	Thermal Engineering
Business Communication	Principles and Practices of Management
	Statistical Methods

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
Business Economics	Mechatronics and Controls
Operations Research	Business Ethics and Corporate Social Responsibility
	Project Management
	Financial Accounting
	Information Systems for Managers
	Safety, Health & Environmental Management Studies

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	Design of Mechanical Systems
Refrigeration and Air Conditioning	Finite Element Analysis
Research Methodology	Strategic Management
Financial Analysis and Accounting	Quality Management Systems and Practices
Organisation Behaviour	Financial Management
Management of Innovation	Management of Technology
Enterprise Planning System	Human Resource Management
Corporate Social Responsibility	Legal Aspects of Business
Operations Management	Industrial Engineering
Cost Accounting	**Elective - II** (Any One) • Tribology • Rapid Prototyping and Tooling • Reliability Engineering • Computational Fluid Dynamics • Robotics
Marketing Management	
Industrial Marketing	
Research Project - I	
Refrigeration and Air Conditioning	
Elective - I (Any One) • Dynamic System Modeling and Analysis • Non Conventional Energy Sources • Advanced Turbomachinery • Automobile Engineering • Introduction to Nano-Technology	

Fifth Year (Management subjects Common for All Branches)

MBA Tech.

Computer 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
Communication Skills	Constitution of India

Second Year

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

Third Year

Semester V	Semester VI
Fundamentals of Web Technology	Introduction to Cloud Computing
Distributed Systems	Mobile Computing
Digital Signal Processing	Artificial Intelligence
Object Oriented Software Engineering	Multimedia System & Virtual Reality
Information Storage and Management	Mobile Application Development Lab
Advanced Programming Laboratory	Project management
Operation Research	Information System for Managers
Business Economics	Financial Accounting
	Safety Health Environment & Management Studies

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	
Elective I (Any One) • Data Warehousing and Mining • Image Processing • E Commerce • Data Science & Big Data Analytics • Parallel Processing	**Elective II** (Any One) • Software Quality Assurance • Soft Computing • Biometrics Applications • Service Oriented Architecture
	Strategic Management
System Security	Quality Management Systems and Practices
TIP Evaluation & Viva	Industrial Marketing
Research Methodology	Financial Management
Financial Analysis and Accounting	Management of Technology
Organizational Behaviour	Human Resource Management
Management of Innovation	Legal Aspects of Business
Enterprise Planning Systems	Supply Chain Management
Marketing Management	
Operations Management	
Cost Accounting	
Corporate Social Responsibility	
Research Project - I	

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	Principles and Practices of Management
Business Communication	Statistical Methods

Third Year

Semester V	Semester VI
Structural Analysis - II	Design of Steel Structures
Construction Safety & Techniques	Geotechnical Engineering - II
Geotechnical Engineering - I	Highway and Railways Engineering
Building Design and Drawing - II	Water Supply Engineering
Hydraulics Machinery	Building Services
Business Economics	Business Ethics and Corporate Social Responsibility
	Project Management
	Information Systems for Managers
	Safety, Health & Environmental Management Studies
	Financial Accounting

Fourth Year

Semester VII	Semester VIII
TIP (8 Weeks during summer vacation)	Strategic Management
Research Methodology	Quality Management Systems and Practices
Financial Analysis and Accounting	Financial Management
Organisation Behaviour	Management of Technology
Management of Innovation	Human Resource Management
Enterprise Planning System	Legal Aspects of Business
Corporate Social Responsibility	Industrial Marketing
Operations Management	Supply Chain Management
Cost Accounting	Quantity Surveying, Estimation and Valuation
Marketing Management	Construction Machinery
Research Project - I	Design & Drawing of Reinforced Concrete structure
Limit State Design of Reinforced Concrete Structures	
Waste Water Engineering	
Docks, Harbours & Airport Engineering	

Fifth Year (Management subjects Common for All Branches)

Semester IX	Semester X
Construction Management	
Elective - I (Any One) • Design of Prestressed Concrete Elements • Industrial Waste Treatment • Ground Water Hydrology • Advanced Structural Analysis	**Elective - III** (Any One) • Design of Bridge Structures • Environmental Impact Assessment and Audit • Design of Hydraulic structures • Advanced structural Mechanics
Elective - II (Any One) • Structural Dynamics • Numerical Techniques • Soil Dynamics • Pavement Subgrade and Materials	**Elective - IV** (Any One) • Earthquake Engineering • Finite Element Analysis • Geotechnical Earthquake Engineering • Pavement Design and Construction

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
Mechanical Engineering	60	60
Mechatronics Engineering	60	60
Textile	-	60
Civil Engineering	60	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: Candidates who have passed the 10+2 exam by doing a part-time courses or through distance learning / correspondence / externally / open school are not eligible to apply for the courses.

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 appear for a Written Test 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	Software Architecture
Software Engineering	Object Oriented Modeling and Design
Principles of Economics and Management	Wireless Networking
Computer Simulation and Modeling	Advanced Computer Networks
Computer Networks	Parallel Computing
Distributed Computing	Mobile Application Development
Research Methodology	Microprocessor and Microcontroller
Ethics for IT Users	(*only in AY 2014-15)

Fourth Year

Semester VII	Semester VIII
Service Oriented Architecture	System Administration
Software Project Management	Data Warehousing and Mining
Information Security	Electronic Commerce
Project - I	Project - II
Elective I • Management Information Systems • Multimedia Systems • Artificial Intelligence • Advanced Image Processing (* only in AY 2014-15) • Information Storage Management	**Elective II** • Robotics • High Speed Networking Architecture and Protocols • Information Security Assurance and Forensics • Advanced Database Management System • Cloud Computing
Ethics for IT Organization	

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
	Professional Ethics

Third Year

Semester V	Semester VI
Theoretical Computer Science	Object Oriented Software Engineering
Software Engineering	Image Processing*
Microprocessor & Microcontroller	Fundamentals of Web Technology
Design & Analysis of Algorithms	Industrial Economics and Management
Computer Graphics	Mobile Application Development
Digital Signal Processing	Project Workshop
Research Methodology	**Elective I** (Any One) • 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
System Security	Distributed Computing
Intelligent Systems	Multimedia Systems
Data Warehousing & Mining	Mobile Computing
Project- I	Project -II
Elective II (Any One) • Introduction to Cloud computing • Embedded System • Advanced Image Processing • Software Architecture • E -Commerce • Advanced Computer Architecture	**Elective III** (Any One) • Robotics • Biometrics • Parallel Computing • Soft Computing • Software Quality Assurance & Testing • Data Science & 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
	Study of Emerging Technologies

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	TV and Video Engineering
RF Circuit Design	Industrial Economics and Management
Implementation of Technology	Minor Project
Environmental Studies	**Elective I** (Any One) • Programming in JAVA • Industrial Electronics • Image Processing

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) • Data Encryption and Network Security • Advanced Microcontrollers • VLSI Design & Technology	**Elective IV** (Any One) • Broadband Technology • Power Electronics • Mechatronics
Elective III (Any One) • Introduction to Automation • Speech Processing • Advanced Microwave Engineering	**Elective V** (Any One) • Fuzzy Logic and Neural Networks • Robotics • Network Design and Planning

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
	Constitution of India

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
Project Part - I	Engineering Economics and Accounting
	Project Part - II
Elective I (Any One) • Tribology • Non Conventional Energy Sources • Advanced Turbomachinery • Automobile Engineering • Introduction to Nano-Technology • Project Management	**Elective II** (Any One) • Dynamic System Modeling and Analysis • Rapid Prototyping and Tooling • Reliability Engineering • Computational Fluid Dynamics • Robotics • Operations Research

B.Tech.

Mechatronics Engineering

First Year (Common for All Branches)

Second Year

Semester III	Semester IV
Engineering Mathematics - III	Signals & Systems
Strength of Materials	Theory of Machines - II
Fluid Mechanics and Machinery	Thermodynamics & Heat Transfer
Digital Electronics	Manufacturing Technology - I
Theory of Machines - I	Metrology & Instrumentation
Electronic Devices & Circuits	Microprocessors And Applications

Third Year

Semester V	Semester VI
Design of Machine Elements	Principles of Management
Basic Control Systems	Microcontrollers and PLC
Machine Design & Computer Graphics	Industrial Automation
Sensors & Transducers	Design of Mechatronics Systems
Manufacturing Technology - II	Computer Integrated Mfg. (CIM)
Fluid Power Automation	Industrial Robotics

Fourth Year

Semester VII	Semester VIII
Digital Signal Processing	Artificial Intelligence & Expert Systems
Power Electronics & Industrial Drives	Product Design and Development
Project Part - I	Project Part - II
Elective I (Any one) • Total Quality Management • Flexible Manufacturing Systems • Automobile Engineering	**Elective III** (Any one) • Composite Materials • Rapid Prototyping and Tooling • Reliability Engineering
Elective II (Any one) • Medical Electronics • Diagnostic Techniques • Advanced Control Systems	**Elective IV** (Any one) • Database Management Systems • Virtual Instrumentation • Automotive Electronics

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	Building Services
Building Design and Drawing - II	Theory of Reinforced and Pre-stressed Concrete
Hydraulics Machinery	Irrigation Engineering
Highway and Railways Engineering	Waste Water Engineering
Water Supply Engineering	Design of Steel Structures
Entrepreneurship and Management	Presentation and Communication Techniques

Fourth Year

Semester VII		Semester VIII	
TIP (8 Weeks during summer vacation)		Construction Management	
Limit State Design of Reinforced Concrete Structures		Design and Drawing of reinforced Concrete structures	
Quantity Surveying, Estimation and Valuation		Project	
Construction Machinery		**Elective III**	
Elective I		**Elective IV**	
Elective II		---	
List of Electives (Any One from Each list)			
Elective I Design of Prestressed Concrete Elements	**Elective II** Structural Dynamics	**Elective III** Design of Bridge Structures	**Elective IV** Earthquake Engineering
Industrial Waste Treatment	Numerical Techniques	Environmental Impact Assessment and Audit	Finite Element Analysis
Ground Water Hydrology	Soil Dynamics	Design of Hydraulic structures	Geotechnical Earthquake Engineering
Advanced Structural Analysis	Pavement Subgrade and Materials	Advanced structural Mechanics	Pavement Design and Construction

B.Tech.

Integrated Diploma - Degree program

Specialization
Mechanical, Civil ,Computer and Electronics & Telecommunication Engineering

Duration & Intake
6 Years & Intake 60 for each specialization.

Eligibility criteria

- Candidate must have passed 10th or equivalent with 60% in aggregate with Science (code 72), Mathematics (code 71) as mentioned by Maharashtra State Board & English as compulsory subjects.
- Candidates who have passed the 10th or equivalent exam by doing a part-time course (non contact) or through distance learning/correspondence/externally/open school 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 10th or equivalent aggregate marks of all the subjects for which candidate has appeared for(not best of four, five or seven) in online registration form
- Candidate above 20 years of age will not be considered for admission to this program.
- It is sole responsibility of the candidates to ascertain whether they possess necessary and requisite qualification for the admission to the courses at NMIMS.
- NMIMS reserves the right to alter the terms of eligibility without intimation to the applicants.

1. Admission Process

- Online registration: Register Online on website www.nmims.edu & Pay registration fee of Rs 1000/- (Non refundable) by Credit Card or by Demand Draft. (Please refer online registration for payment details.) .
- Candidates are required to update 10th or equivalent exam marks along with Maths, science and English marks in online registration form.
- Candidate will not be considered for merit list if they fail to update the same in online registration form or their result is not available during this period.
- Merit list will be prepared on the basis of the performance of the candidate in 10th or equivalent exam Score entered at the time of Online Registration. Therefore, its sole responsibility of the candidate to ensure that correct marks are entered.
- At any given point of time it is found that the information given by candidate i.e 10th or equivalent exam Score is incorrect, the candidate admission will be cancelled and fees will be forfeited.

Selection Process

- 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.

2. Important Instructions

- Candidates will be offered Programme based on the availability of seat, candidates merit rank, choice.
- All disputes under Mumbai jurisdiction only.
- Please check eligibility criteria before applying for the course.
- If at any stage, it is found that a candidate does not satisfy the eligibility criteria or the information furnished by him/her in the application form is incorrect, his/her admission to the course, even if selected, will stand cancelled & Fees will be forfeited.

B.Tech.

Integrated Diploma - Degree program

- Electronics & Telecommunication Engineering,
- Civil Engineering
- Mechanical Engineering and
- Computer Engineering

First Year (Common for All Branches)

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

MCA

Master of Computer Application

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 of Computer Application

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) • Parallel Computing • Software Testing • Multimedia Systems • Unix Programming

Third Year

Semester V	Semester VI
Electronic Commerce	**Industry Internship and Project**
Distributed Computing	
Management Information System	
Service Oriented Architecture	
Mobile Application Development	
Programming Workshop	
Elective II (Any One) • Introduction to Cloud Computing • Information Storage and Management • Image Processing	

M.Tech.

Master in Technology

Programmes

Mumbai: Information Technology, Computer Engineering, Electronics Engineering, Electronics & Telecommunication Engineering and Industrial Automation.

Shirpur: Computer Engineering & 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.

Information Technology

First Year

Semester I	Semester II
Computer Networking Design Principles	Data Mining
Data Warehouse Design	Mobile Computing and Wireless Networking
Software Engineering Methodology	Research Methodology
Professional Skill Development	Seminar - II
Seminar - I	Lab course-III (Mobile Application Development)
Lab course-I (LaTEX)	
Lab course-II (Cloud Computing)	**Elective II** (Any One) • Software Quality Assurance & Testing • Service Oriented Architecture • Information Security Assurance and Computer Forensics • Pattern Recognition
Elective I (Any One) • Design Patterns • E-Commerce • System & Network Security • Computer Vision • Artificial Intelligence	**Elective III** (Any One) • Parallel Computing • IP Traffic Engineering • Fuzzy Logic & Neural Networks Biometrics

Second Year

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

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 Synopsis
Elective I (Any One)	**Elective II** (Any One)
• Mobile Computing & Wireless Networking	• Software Quality Assurance & Testing
• Computer Networking and Design Principles	• IP Traffic Engineering
• Software Architecture	• Fuzzy Logic & Neural Network
• Advanced Algorithms	• Advanced Optimization Techniques

Second Year

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

M.Tech.

Electronics Engineering

First Year

Semester I	Semester II
Instrumentation System Design	System Modelling and Simulation
Advanced VLSI System Design*	Embedded System Design
Power Electronic Devices and Design	Advanced Automation
Elective I	**Elective II**
• Advanced Digital Communication* • Advanced Medical Electronics • DSP Architecture	• Optical Fiber Communication & Networks* • Advanced Computer Architecture • Advanced Computer Networks
Professional Skill Development	Research Methodology
Seminar - I	Seminar - II

*Same as M.Tech EXTC

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
Elective I (Any One) • Advanced VLSI System Design • Information Theory and Coding • Applied Satellite Communication	Research Methodology
Elective II (Any One)	**Elective III** (Any One)
• Telecom Network Management	• Microwave Integrated Circuits
• Embedded System Design	• Wireless Communication and Networks
• Antenna System Design	• Advanced Image Processing

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) • Advanced Microcontroller • Product Design & Development • CNC Technology	**Elective II** (Any One) • 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
Advanced Thermodynamics
Advanced Heat Transfer
Refrigeration and Air Conditioning Technologies
Computational Fluid Dynamics
Analysis of Turbo Machinery
Analysis and Design of I. C. Engine
Non Conventional Energy Systems
Design of Pumps and Compressors

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

Ph.D.

Ph.D. programmes are offered in the areas of IT / Computer / Electronics / Electronics & Telecommunication / Chemical / Mechanical Engineering and Technology Management.

Duration

For Ph.D. the duration is 3-5 years depending upon the performance of the candidate.

Eligibility Criteria

Number of available Seats: University will have a pre-determined number of M.Phil. / Ph.D students for each School per year. However, this number will be subject to the availability of faculty supervisors/ guides.

Publicizing availability of Seats

Such pre-determined number of seats for M Phil. and Ph.D. shall be notified on the University website and / or advertisement. The available number of seats for M. Phil. and Ph.D shall be widely advertised and admission tests shall be conducted on regular basis.

Eligibility and Admission Criteria

The Basic qualification criteria for the purpose of admission to M. Phil. or Ph.D programmes shall be as stipulated by the university.

Procedure for Admission

- M Phil. / Doctoral students shall be admitted through an All India Entrance test conducted at "SVKM's Narsee Monjee Institute of Management Studies, Deemed-to-be University" level. A separate entrance test for each School will be conducted.
- The said Entrance Test shall be followed by an Interview which shall be organized by the respective Schools of the University.
- During interviews, doctoral candidates are expected to discuss their research interest/area.
- Only pre-determined number of students will be admitted to M. Phil / Ph.D. program.

Registration

Selected candidate will have to undergo prescribed course work during two semesters. Exam will be conducted at the end of Course work and candidate has to obtain 60% in each of the courses to register for Ph.D.

Course Work

- Research Methodology
- Statistical methods of analysis
- Electives to be decided by the guide relevant to the specific branch

Faculty with Dean, MPSTME (Mumbai)

Faculty with Associate Dean, MPSTME (Shirpur)

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)

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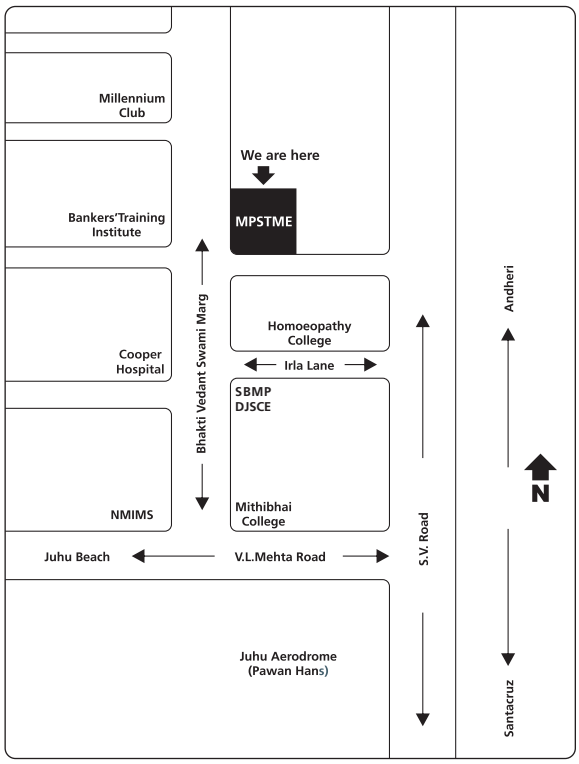
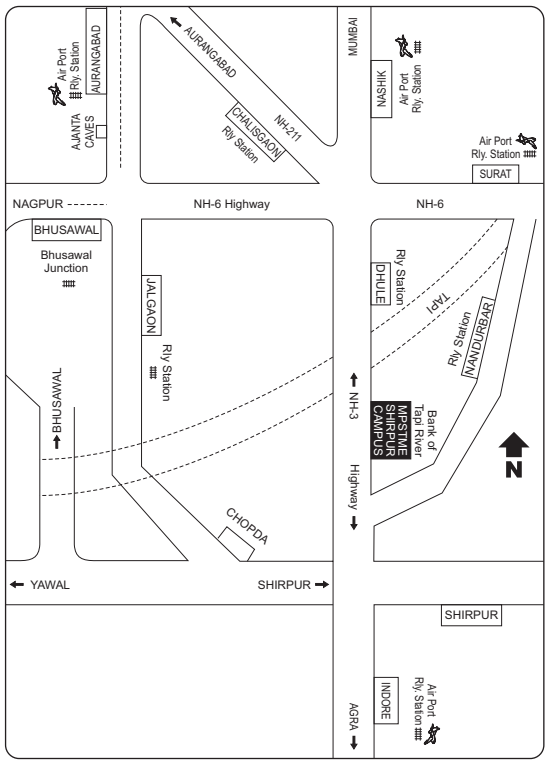


MPSTME_Mumbai Campus



MPSTME_Shirpur Campus

Mosaic Design Ideas