



**B.TECH | MCA | B.TECH INTEGRATED**

Placement Brochure (2021-2022)

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MPSTME was conceptualized by NMIMS Management as a Unique Technology and Management school essentially integrating technical knowledge with innovative management practices to ensure that the knowledge thus disseminated will produce students that can be game changers in terms of building a sustainable and holistic society. The idea was to ensure that education should not be understood as merely an instrument to build knowledge, but it must also play a pivotal role in creating a better and more humane society. This idea remains germane to the MPSTME philosophy till date and each new integration into the curriculum, technology or research remains well aligned with this very philosophy.



## VISION

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

## MISSION

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

## CHANCELLOR'S DESK



### Shri Amrish Patel

Chancellor,  
SVKM's NMIMS Deemed to be University

The journey of NMIMS from a management institute to flourish into a University has been magnificent. Students who have been a part of this journey have relished the culture of competitiveness, excellence and the spirit of enterprise. NMIMS have strived throughout to have a positive influence and impact on the lives of its students and will continue to do so as it transcends.

In over three decades of its resplendent history, NMIMS has been the alma mater for several eminent and successful professionals, entrepreneurs and industrialists around the globe. With its consolidated strengths and a bunch of decorous traditions, NMIMS continues to pioneer education to accomplish its vision of becoming the principle center of excellence in management learning and innovation.

Even as we move towards becoming one of the most inclusive Universities in India, welcoming students from around the world to excel in a multitude of disciplines, we continue to be driven by a conscientious blend of socially sensitive and aspiring students.

All across NMIMS in its various schools, the emphasis has been and will continue to be laid on adopting a holistic approach in developing the students into individuals who, along with being

globally competitive, will be sensitive towards the realms of society and environment. Imparting academic depth with soft skills, co-curricular and personality development has been the principal strength of NMIMS and all its programs.

The comprehensive learning and value based environment will propel the students to become creative, innovative and socially aware leaders of tomorrow, who will significantly contribute and influence growth in the organization they join. The dynamic environment of the industry which metamorphoses and becomes competitive by the minute, challenges the managers and leaders to influence and fabricate such actions that will help their companies to achieve eminence.

It gives me an immense sense of pride and joy in proclaiming that NMIMS continues to be a trustworthy source of talent, who by leveraging their well nurtured aptitude and high level of competence are not only able to meet the requirements of the industry but are helping it reach greater heights.

*Listed amongst the Top 50 Leaders who can revive India Education by Education World 2020.*

## AWARDS AND RECOGNITION



MPSTME Awarded as Educational Leadership at ET Now Business Leader at Taj Lands' End, Mumbai for the year 2020.

Ranked 2nd Best Emerging College of this century by India Today Group-MDRA Survey, 2020.

Best Private Engineering College in West Region of India by India Today Group-MDRA Survey, 2020.

## RANKING



MPSTME is Classified as Excellent performer Institute with AAAA (4A) Rating by Careers360 in 2021 Ranking out of 1000+ Institutes. The institutions in the engineering domain have been ranked, using globally recognized performance indicators.

**Ranked 2<sup>nd</sup>** in the category of Best Emerging Private College in India by India Today 2021

**Ranked 27<sup>th</sup>** in Top Engineering Institutes in Research Capability by TIMES Engineering Survey 2018

**Ranked 2<sup>nd</sup>** in Top Emerging Private Engineering Colleges of the Century by India Today 2020

**Ranked 110<sup>th</sup>** in India's Top Engineering Institutions by NIRF 2019

**Ranked 14<sup>th</sup>** best Private Engineering Colleges of India by India Today 2020

**Ranked 4<sup>th</sup>** Private Engineering Colleges in West Region of India by India Today 2020

**Ranked 16<sup>th</sup>** among Private Engineering Colleges 2018 in India by OUTLOOK

**Ranked 2<sup>nd</sup>** in Top Engineering Colleges of Maharashtra by Competition Success Review 2019

## ACCREDITATIONS



MPSTME's B.Tech. programs receive prestigious ABET Accreditation, USA-"The Global Gold Standard for Quality Assurance in Technical Education"

NMIMS re-accredited by NAAC as Grade "A+" with 3.59 CGPA (Mumbai Campus).

Bachelor of Technology programs of IT and EXTC are accredited by NBA since 2014.

## RECOGNITIONS



NMIMS has been declared as "Category - 1" University in the Graded Autonomy institutions declared by UGC/MHRD.

All programs of MPSTME are approved by AICTE.

## VICE CHANCELLOR'S DESK



### Dr. Ramesh Bhat

Vice-Chancellor,  
NMIMS Deemed to be University

As we pass through one of the most turbulent times of human civilization, the torchbearers to the new dawn are the people and institutions who are knowledge centers. As we eye in the new normal work culture which requires new skills and abilities, SVKM's NMIMS Deemed to be University is all engaged in meeting these requirements by imparting the skills of future to its students. Mukesh Patel School of Technology Management and Engineering (MPSTME) is keeping pace with the time and incorporating important new skills, technical learning in its curriculum as always. Most organizations are looking for people with conceptual, practical knowledge and innovative capability along with human skills such as adaptability, flexible and self-starter attitude. The aim of MPSTME is to meet these requirements by making the students industry-ready. In MPSTME, the curriculum is updated regularly to enhance the skills of our students. It is continuously mentored by industry experts who make recommendations

for addressing the current needs of the market. Value-added training modules and certification courses are also offered as part of the course curriculum. MPSTME maintains strong and extensive links with the industry, ensuring that our students know about the best industry practices. MPSTME graduates learn subjects across departmental boundaries; they are encouraged to participate in various seminars, workshops, webinars, and training programs, thus ensuring that they imbibe apt technical and managerial skills. Students at MPSTME are exposed to cross-culture learnings as they come from varied geographical locations and cultures. This makes them a perfect fit for any global position, which requires inherent team player capabilities.

Whether you are a young company trying to establish itself or a company with in-depth and stronger roots, a regular recruiter, or a first-time visitor, a start-up or an MNC, a coal mining or data mining company, we have the right

engineer scientist for you. If the job is offered in the financial, marketing, or R & D sector, MPSTME still has the perfect engineer that matches your profile. The students are full of zest and ready to excel in all spheres of life. The course curriculum and the pedagogy at NMIMS have moulded each one of them as an excellent technical professional with a high zeal for innovation. Our alumni students have been performing excellently in the industry, thus proving an invaluable asset. The upcoming batch is awaiting the opportunities and making their mark in the corporate world to follow the alumni's footsteps and continue their profound legacy. We welcome you to our campus for the placement process, wherein you will have access to the current batch of a bright and enthusiastic student of Batch 2022.

## PRO VICE CHANCELLOR'S DESK



### Dr. Sharad Y. Mhaiskar

Pro Vice Chancellor,  
NMIMS Deemed to be University

Keeping pace with the ever-evolving education scenario and to meet international standards, NMIMS has taken major initiatives in terms of programs, curriculum development, international linkages, placements and students' development. NMIMS campuses are transformed into global centers of learning, providing the students a balanced exposure to research, academics and practical aspects of the industry leading to holistic development.

MPSTME is equipped with the state of the art infrastructure and facilities. Competent faculties deliver a well knit curriculum that ensures the academic rigor through innovative pedagogy thus carrying ahead the legacy that NMIMS is known for.

Our strong industry connect enables the students of all our engineering programs to obtain industry exposure via internships / inplant training which is a mandatory requirement of the curriculum.

Students acquire the requisite life skills making them industry ready through the plethora of co-curricular and extra curricular activities that keep the campus buzzing all the year round. The student teams guided by faculties are regular recipients of accolades at the International competitions held by NASA, Harvard World MUN's, National level Design Competition conducted by ASCE, etc.

NMIMS is focused on building professionals in line with industry expectations, ready to shoulder larger responsibilities at the organizations they join. We invite you to explore various avenues to foster a symbiotic relationship leading to building the leaders of tomorrow.

## DEAN'S DESK



### Dr. Alka Mahajan

Dean,  
NMIMS - MPSTME, Mumbai

More than a year now, we have all witnessed unprecedented times trying to deal with the pandemic and its aftermath in the best possible way. NMIMS University has been exemplary in its proactive approach by taking quick decisions and actions to ensure that not only did the academic year start in time but also ended as per schedule. The sanctity of delivery of education and evaluation was maintained to the best of our capabilities. We thank the industry for supporting us with online internships and recruitment drives. More than 85% of our students were placed last year and we look forward to the same support for the upcoming placement drive.

The NMIMS University has always had a forward looking, flexible approach to delivering education. In these challenging and uncertain times when the industry is itself undergoing a major transformation, what it needs is engineers who can innovate, troubleshoot and think critically. The

pedagogy adopted at MPSTME thus focuses on learning beyond the classroom, ensuring that our students are not only grounded in the fundamentals but also develop as critical thinkers, trouble shooters and creative managers. The experience of learning on a multidisciplinary campus interacting with students from all states of the country, varied religious backgrounds, exposure to international teaching and international teaching and community through our varied collaborations, ensure that our students graduate with the required people skills and are excellent team players. We understand the changing needs of the industry through our collaborations and connect with top notch industries like IBM, CISCO, BOSCH, TCS and others. This helps in keeping our curriculum and programmes relevant at all times. We believe in and encourage experiential learning and to that effect ensure that the infrastructure, laboratories and software is state of the art. More than 250 well qualified faculty members

committed to teaching and active in research bring a wealth of knowledge and experience to the classroom. Extracurricular and co-curricular activities organised by student bodies year round complement our rigorous classroom based academic programmes resulting in our graduates developing all round personalities. Our alumni placed all across the country and abroad have made us proud over the years and we are confident that the graduating batch this year will continue the legacy. This brochure is an attempt to acquaint you with our systems and processes, giving you a flavour of what MPSTME is all about. We believe that recruitment is not just a hiring process but a relationship building exercise; mutually beneficial. We look forward to interacting with you and taking that relationship one step forward.

## DIRECTOR'S DESK (SHIRPUR)



### Dr. Akshay Malhotra,

Director,  
Shirpur Campus

The picturesque riverside campus of Mukesh Patel Technology Park, SVKM's NMIMS, Shirpur Campus, has a rich tradition of pursuing academic excellence and offers industry-oriented academic programs and excellent research infrastructure to equip its students with the skill set required to succeed in industry. The campus focuses on providing a holistic education to its students so as to help them develop into well-rounded individuals with a global outlook who are very conscious of their social responsibilities.

changes and disruption. Regular interactions with experts from industry as well as our industry internship program ensures that students are well-equipped to understand the demands and

The teaching-learning pedagogy adopted at the campus ensures that emphasis is given not only on what-to-learn but also on how-to-learn, in an effort to create life-long and self-motivated learners. We believe both

these attributes are much needed to succeed in today's age, which is marked by rapid technological expectations from industry. In addition, the

University has also tied up with industry major IBM & leading international learning platform, Coursera, to ensure that its students have access to the latest cutting-edge curriculum.

The School's success in all these endeavours is reflected by the excellent performance and achievements of its alumni, whether it is in industry, higher education or entrepreneurship. We welcome you for the campus placement season 2021-22 and are very confident that our students will meet your expectations. We look forward to a continued relationship with your organization.

## PLACEMENT'S DESK



### Dr. Nikhil Gala

Chairman,  
Corporate Relations & Placements

Dear Recruiters,

It gives me immense pleasure in welcoming you to the final placement season for the Batch of 2022. It is my pleasure and pride to present you a group of dynamic and talented batch of engineers ready to join the corporate world.

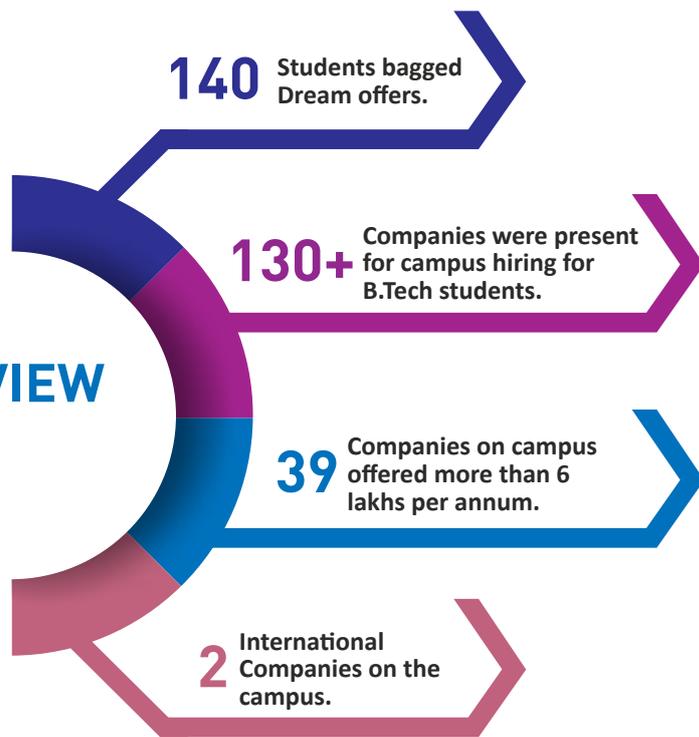
At MPSTME, 12 batches have graduated until now with the latest batch of 2021 coming out amidst the global pandemic. Despite the challenges of pandemic the placement season witnessed presence of more than 120 corporates, extending opportunities for the fresher candidates. Our Previous recruiters, many of which are now our loyal recruiters marked their presence during the lockdown when the fear of global meltdown of economy was at its peak. A few of them increased their selection numbers as compared to their previous hiring drive which stands as a testimony to the quality of graduating batch every year. Specialized electives, certifications in collaboration with the industry, participation in international competitions and conferences, etc. convey our commitment to help our students develop a global mindset and be better prepared for a globalized world of business.

We are thankful to all our recruitment partners for marking their presence during the placement season and conducting virtual drives to select our

students thus strengthening their human resource. The highlight of the season had been the international opportunities that our students obtained. The list of loyal recruiters is only increasing with every placement season and so is the list of new recruiters. We extend our heartfelt gratitude to our loyal recruiters that have been hiring our BTech students since the inception of our course. To add to this, the presence of 70 new companies coming to hire from the BTech, BTech Integrated and MCA programs indicates the growing popularity of the talent available at our School of Engineering. The feedback obtained from our recruiters are encouraging and it only boosts our confidence in the design and pedagogy of the curriculum adopted for the engineering programs. MPSTME saw presence of top notch recruiters from the investment banking, financial services companies like Nomura, Tresvista Financial services, Futures First, OSTC etc. Students that were looking forward to opportunities in machine learning and product development profiles were presented a bouquet of such offers from the best of analytics firms like Quantiphi, BNP Paribas, Zycus, Worley, etc. More than 50 analytics and product development firms participated in the placement season vying to lure talent that NMIMS University's MPSTME has become synonymous with. Students who were looking to make a mark in the domain of Risk/Consulting, Cyber Security, GRC, and Business Technology were greeted with opportunities coming to them from global consulting firms like ZS Associates, HDFC Bank, EY, Cartesian Consulting etc. Presence of Conglomerates like Reliance grp, Godrej & Boyce, Mahindra Group, Piramal Group along with companies from the EPC & manufacturing domain firms like Technip, Grindwell Norton, Vertiv, DHL Supply Chain, Royal Enfield etc ensured that the pedagogy followed at NMIMS – MPSTME is in line with industry expectations. NMIMS

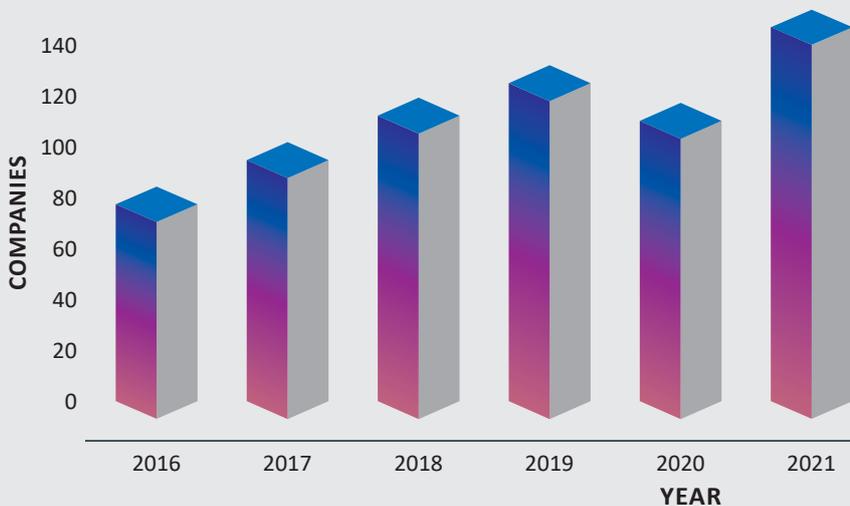
flavour of management skills is imbedded into our engineering students and this has attracted companies like Ingram micro, Media.net, Jaro Education, Lido Learning, Indiamart, Bayside Media, Vedantu, Expertrons, Mosdorfer India, etc offering business development roles to our students. 34 companies marked their presence on campus to hire the MCA candidates for the six months' internship that helped our students experience the corporate culture first hand and work on real time projects thus developing their problem solving skills. Many of these companies have gone ahead to extend PPO's to our students. Companies like Saint Gobain, EDS, BNP Paribas, Asian Paints, etc. ensured they are on campus on an early date to not lose out on the talent pool possessing smart coding skills at MPSTME. BTI program which has an IPT in their curriculum also experienced a presence of 50 companies who considered our students. It was placements galore for NMIMS - MPSTME as the student's across all the streams received employment offers from several of the country's best recruiters in the IT and Analytics services domain including names such as Accenture, Infosys, Capgemini, TCS, DXC, etc. to name a few among many other renowned names. We at MPSTME are confident that the students of final year B.Tech, B.Tech Integrated and MCA programs that finish the academic commitments and university examinations in April 2022 and available to join from May 2022, will perform exceedingly well in the corporate world and carry on the legacy set by MPSTME alumni. I invite you to have a look at the profile of our final year students. I would also like to take this opportunity to thank you for the invaluable support you have extended to us over the years. We look forward to nurture and grow old relationships and welcome new recruiters for a long-lasting bond that is mutually beneficial. Welcome to the Placements season 2021-2022 starting from 2nd week of July.

## PLACEMENT OVERVIEW 2020 – 2021



Multiple job offers for B.Tech students.

### NO. OF COMPANIES ON CAMPUS | ON A RISING TREND



### DOMESTIC

#### B.TECH

**11.56 L** | **5.05 L**  
Highest CTC INR | Average CTC INR

#### MCA

**8.70 L** | **4.1 L**  
Highest CTC INR | Average CTC INR

### RECRUITERS ACROSS INDUSTRIES

FMCG / FMCD

CONSULTING

INFRA &  
REAL ESTATE

LOGISTICS

IT / ITES

E-COMMERCE

MANUFACTURING

TELECOM

AUTOMOBILE

EPC

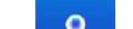
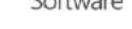
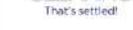
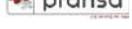
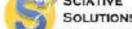
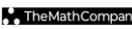
BFSI NBFC

EDUCATION  
& MEDIA

# INTERNATIONAL RECRUITERS – B. TECH & MCA

	
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# DOMESTIC RECRUITERS – B. TECH & MC

## CORPORATE SPEAKS



Very positive Campus. Really impressed by the hospitality and interactive students. Wish the students and faculty very bright future & success. Impressive level of hospitality, infrastructure, and conduct. You surely set high benchmarks in competitive environment.



A good conversion this year too. Looking forward for a fruitful relationship like always. Standards are increasing year on year. Keep it up!!



Very happy to interact with this batch. Hoping to see the same quality of students every year. The online arrangements made by the team were also commendable.



NMIMS offers the best engineers. Our organization has been associated and is hiring from past many years and the outcome has been very fruitful. Looking forward for a long term association.



The experience gets better year on year. Students performed very professionally during the virtual recruitment drive. The association has always been fruitful.



Students have a good aptitude for learning. The quality is improving year on year. Very well organized virtual recruitment drive.



We really appreciate the coordination and support provided by the students and T&P department. Excellent experience. The students are enthusiastic and have always shown their willingness to learn more, while working with us.

# B.TECH INTEGRATED PROGRAMME (BTI)

MPSTME has conceptualized the BTI program in 2014-15 with industry and academia inputs as an alternative path to Engineering directly after 10th grade.

## Stream Specializations (Opted from 4<sup>th</sup> year)

Stream	Mechanical Engineering (60 Seats)	Computer Engineering (180 Seats)	Data Science (60 Seats)	Information Technology (60 Seats)
Specializations	Design & Manufacturing	Artificial Intelligence		
	Automation & Artificial Intelligence	System Security		

## Eligibility Criteria

- The Candidate must have passed the Grade X examination or its equivalent (Any Board) , by securing 70% of aggregate marks in subjects General Sciences and Mathematics or Physics, Chemistry and Mathematics
- No Interview or Entrance Exams

## Programme Highlights

- 12 Semesters, spread over a period of 6 years, with each year having 2 semesters of 6 months duration
- Core and stream specific foundation applied sciences are taught in the first two years, followed by stream specific core courses and electives in the next three years. The curriculum is reviewed annually with industry and academic to make it relevant to the market
- Final year project which provides end to end experience of applying the theoretical skills to practice
- One Semester of Inplant Training (Semester XII)
- Innovative teaching methods are regularly incorporated into the teaching-learning process and delivery is actively supported by Student Portal- online Learning Management System. Remedial support enables catering to differential learners
- Evaluation includes Internal Continuous Assessment (ICA) comprising of Midterm Exams, other evaluation components like tutorials, practicals, assignments, quizzes, presentations, seminars, mini projects and final examinations
- Faculty Mentor handholds and guides the student for the entire period on campus for transition to college, study techniques, interpersonal interactions, goal setting and clarity of future aspirations through various technical and non-technical activities on and off campus, summer Schools, MOOCs, Projects, Internships etc.
- Includes Life skills training (Personality Development, Soft skills, Employability skills, competitive exam preparation)
- 25+Professional Chapters and Committees on campus with 200+ events through the all through the year and ample opportunities to showcase talent on International and National competitive platforms
- Periodic connect with parents for happenings on campus

## Industry exposure through Inplant Training

- Effective hands on and real time exposure of industry processes to engineering students
- Transformation of theoretical knowledge into practical solutions to real life challenges
- Builds behaviour aspects that develops a student's leadership qualities
- Develops professional aptitude along with hands on skills and implementation knowledge of latest tools and technology required in industry

## Inplant Training Highlights

- Inplant Training hiring process was conducted with all participating students being made offers across various verticals by both national and international prominent recruiters
- 80+ corporates marked their presence as recruiters for B.Tech Integrated program in the inaugural season and they were all impressed with the wide-ranging passionate talent pool
- 90% of the students received stipends
- Increasing number of companies have shown their interest to hire B.Tech Integrated students from the subsequent batches

## OUR ESTEEMED RECRUITERS

**INTERNATIONAL**  
**1.98,000 Lakhs**  
per month  
(SATT AI LAB)



**DOMESTIC**  
**25,000**  
per month  
(INSTINCT INNOVATIONS PVT. LTD.)



# ENGINEERING & TECHNOLOGY PROGRAMME

(No. of Seats)

Programme	Under Graduate		Post Graduate	
	B. Tech	B. Tech Integrated	MCA	
Computer Engineering	120	180	3 Years 60	2 Years 60
Electronics & Telecommunication	120	60		
Mechanical Engineering	120	60		
Civil Engineering	70	60		
Information Technology	120			
Mechatronics Engineering	120			
Textile Engineering	60			

## PLACEMENT PROCESS (B. Tech, MCA, B. Tech Integrated)

– Internship / In plant Training: (As per course curriculum)

Programmes	B. TECH (2023)	MCA (2022)	B. Tech Integrated (2022 & 2023)	
<b>Duration</b>	2 Months	6 Months	6 Months to 1 Year	
<b>Months</b>	May '22 - June '22	December '21 - May '22	December '21- April '22	July'22 - November '22
<b>Recruitment Season</b>	October '21 - March'22	July '21 - October '21	July '21 - November '21	January '22 - May '22

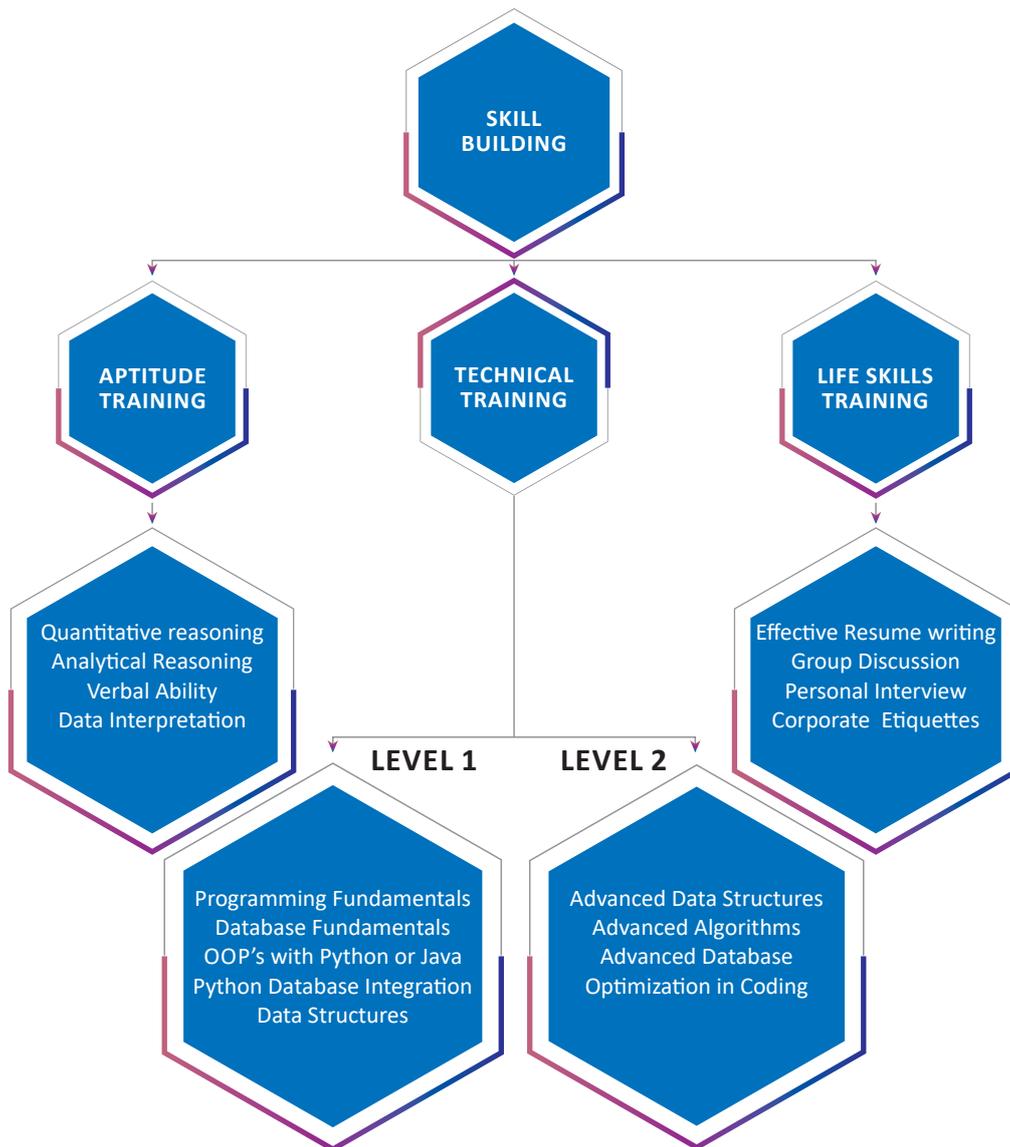
## Final Placement Process:

Phase I - July '21 to October '21, Phase II - November '21 to March '22

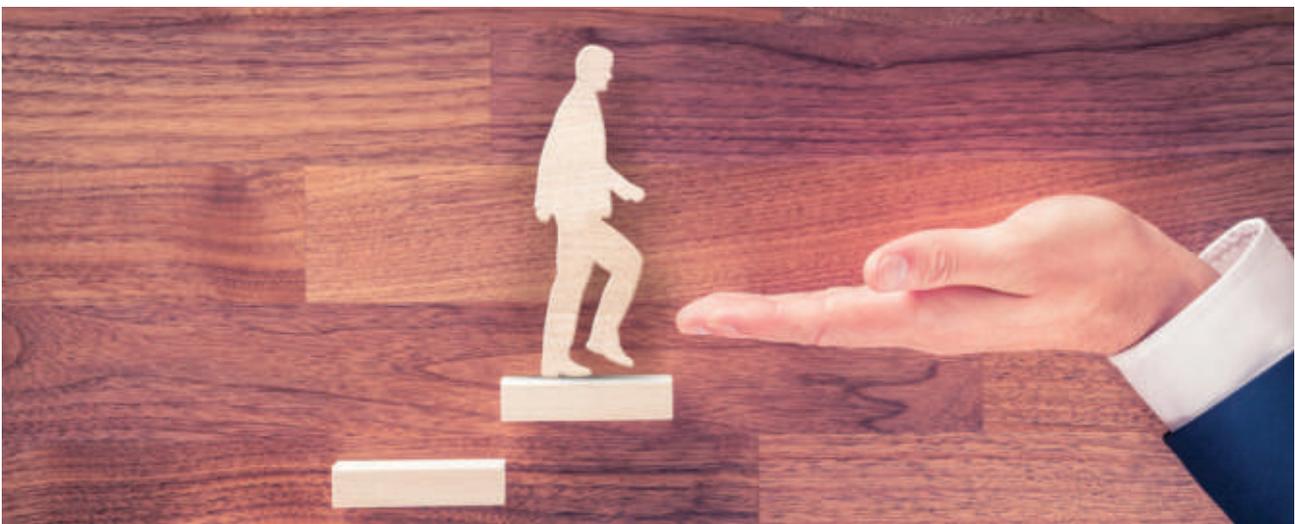
- The company selects date and time slot for pre-placement talk.
- Company shares job description, salary details, eligibility criteria, job location and recruitment round details.
- Students submit nomination as per their choice, depending on the above details provided by the company.
- College supports recruitment process in both the online and offline mode.
- List of selected students is shared with the placement cell.



# CREATING INDUSTRIES READY ENGINEERS



Faculty Mentorship: SWOT analysis and CV vetting  
Industry certification with collaboration of courseera, IBM, Infosys etc  
Mock technical interviews with individuals feedback and analysis  
Regular and mandatory participation in aptitude test, coding and technical test



## UNIVERSITY MOU'S

 UNIVERSITY NAME	 RANK	 COURSES	 DETAILS
Virginia Tech, USA	Ranked No. 29 by US news.	Virginia Tech offers a 3+1+1 year integrated BS and MS program	First 3 years of course of their B.Tech program in Mumbai 4th year of course at Virginia Tech in their BS programme 5th year of courses in their MS program.
University of New South Wales, AUSTRALIA	Ranked 43rd by QS World University 71st by Times Higher Education World University	Two year twinning Engineering programme Honors in Computer, Mechanical, Aerospace, Manufacturing, Mechatronics.	2 years at NMIMS MSPTME, remaining course completion at UNSW. Work opportunities in Australia.
Western Sydney University, AUSTRALIA	Ranked 12 nationally and among the top two percent of universities in the world.	Bachelor of Engineering in Civil, Construction, Electrical, Mechanical, Robotics and Mechatronics	2 years at NMIMS MPSTME, remaining 2 years at Western Sydney University. Work opportunities in Australia.
University of Canberra, AUSTRALIA	Ranked among top 10 Australian Universities by Times Higher Education	Bachelor of Engineering in Network and Software, IT, Software	Final Bachelor's degree would be awarded by University of Canberra

### PROGRESSION OPPORTUNITIES FOR MPSTME

It provides an opportunity to pursue Masters programs in leading US Universities. It has several benefits which includes a

well defined and streamlined admission process, detailed informative session (in person), Webinars/ Guest lectures from

renowned faculties of our partner Universities, GRE/GMAT waiver as applicable and Scholarships, tuition waiver as applicable.

### SUMMER SCHOOL - 2 TO 4 WEEKS STUDY ABROAD

Summer work and travel program in the USA	All B. Tech students are eligible for this program.
PREX and Placement Plus	For Final year students.
U C Berkeley Summer Session, USA	2-4 weeks' in California. This programme is available in more than 600 courses.
ESSCA Summer Program, FRANCE	2-4 weeks summer program offered at Paris/Angers/Budapest/Shanghai.
University of British Columbia, CANADA	4 week program to take two academic courses while learning about Canadian culture and practices.
Illinois Institute of Technology (IIT), Stuart School of Business, Chicago, USA	4 weeks Global Business Immersion for UG students.

## STUDENT'S ACHIEVEMENTS - MPSTME

- Avani Lakhe student of 3rd year B.Tech Computer Engineering department was first prizewinner of IET, PATN (Present Across The Net) at Global Level held on 25th July 2020.
- Adarsh Thaplial, Anisha Arora, Manan Shah, Pooja Sen from Technology Management received top marketer certificate organized by Google Ad Grants Online Marketing challenge on 18th December 2020.
- Mihir Bhat student of Mechanical Stream was awarded the Most Unique Challenge award, Bentley Digital Infrastructure Student Idea Challenge' 2020 USA on 30th January 2021. Projects submitted by Mr. Mihir Bhat was one of the 1500 projects from 130 countries. He was awarded the "Best Challenge".
- Tuhina Banerjee, Sakshi Butala student of B.Tech Integrated Computer 5th year achieved a title of Women INnovathon (WIN) by Netapp from 1st June 2020 to 8th October 2020.
- Puru Jain, Yash Agrawal from Electronics and Telecommunication stream participated in a Business plan competition and achieved 2nd rank in GENESIS 2021 on 26th February 2021.
- Two teams of MPSTME Team Alphabet (Ishita Gupta B.Tech Data Science and Aneesh Kulkarni from MBA Tech I.T) and Team Analytiq (Naman Doshi B.Tech CSBS and Dhvani Agrawal B.Tech Mechatronics) were granted the Resolution Fellowship by the Social Venture Challenge at the Harvard Conference 2021.
- Manan Jhaveri and Devanshu Ramaiya (B.Tech Data Science) students successfully completed internship with Fidelis, Macro Global Fund, Dubai
- Krishna Shah & Dhruv Thakkar students of 5th year B.Tech Intg. Computer won 3rd place at TiE Global Business Hackathon.
- Tamayi Kantekar (MBA Tech. Computer Engineering) won at Sweden-India Mobility Hackathon 2021.
- Team "Control Data Intelligence" (Vivek Salunkhe and Meet Parik students of M.Tech Data Science) ranked 2nd at the cascade cup 2020
- Sudeep Mohanty and Niyati Singh from Technology Management stood first in REV-UP India event organized by Amity Business School, Noida on 29th April 2021.



## RESEARCH AND PUBLICATIONS

Research and Publications	Total Number	
	Mumbai	Shirpur
Research Papers in Conferences (National & International)	105	51
Research Papers in Journals (National & International)	97	52
Patents Filed	4	9
Research Projects (Funded)	3	9

# CENTRE OF EXCELLENCE

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

**HYDRAULIC LAB:** This lab introduce various types of vales and two automated panels with oil tanks with the safety precautions. In both panels have individual times, relays and 24V DC power supply. The hydraulic valve has spring tension valve, manual valve automated valve. Under this lab all the practical has held which is based on how to use Hydraulic valve using Relays and timers, how to implement hydraulic circuits. **Equipments Present:** 4 Hydraulic Workstations & 1 Automation Studio kit.



**PLC AND SENSORICS LAB:** This lab introduce various types of sensors and PLC. There are variety of sensors for example capacitive, inductive, electromagnetic etc, in PLC section has L25 versisensors & varioon of PLC. PLC and sensors operate by indraworks/ indralogic software. **Equipments Present:** 4 Programmable Logic Controller machines, 1 Motion Logic Drive Controller kit1 CNC Simulator machine kit, 3 Sensorics Kit (Includes different types of Sensors), 3 Universal Simulator Kit, 3 Linear Motor Control Axis.

**PNUEMATIC LAB:** This lab is similar with the Hydraulic lab; all the operations has based on pressure, which has generated by Compressor. Valve is used to operated air pressure. Set up of PLC with valve is to interact with PC. List of experiments are same like Hydraulic lab. **Equipments Present:** 4 Pneumatic Workstations.



**ROBOTICS LAB:** This lab introduce robots, which is four axis and six axis. Under this students implemented various experiments using Yaskawa robot for object drawing and alignment. In this lab has programmed PLC, compressor, and various sensors.

**Equipments Present:** 1 Mechatronic Automation Cube Assembly System, 1 4-Axis SCARA Robot with HMI, 1 6-Axis Yaskawa Motoman Robot with HMI

### 3D PRINTING LAB

List of Machines (3D printing)		
S.N.	Machine Name	Description
01	3D printer (Plasto 200)	3d printer, Duel Nozzle, FDM Technology, by CADD Centre
02	3D printer (Polar 3D)	3D printer, Single Nozzle, FDM Technology, by GE
03	3D printer (Aion 500 MK2)	3d printer, Duel Nozzle, FDM Technology, by divide by zero
04	SLA printer (Form Lab2)	SLA printer, Form Cure, Form Wash
05	3D Scanner	EinScan Pro Scanner and accessories
06	SLS printer (Sinterit)	3D printer, sinterit lisa pro, Sand blaster, Sieve, Compressor and accessories



**EMC Lab:** MPSTME has an academic tie up with EMC - the world leader in storage products. EMC storage equipment has been purchased to enable students to get hands on experience in Infrastructure Systems Management. The course work is designed around EMC prescribed course work. This helps students get EMC certification.

**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. MPSTME has a well-established lab having Cisco 2800 series routers, Cisco 3560 and 2960 switches and other related equipment to conduct training for CCNA exploration.

# STUDENT ASSOCIATIONS

- Association for Computer Machinery (ACM): ACM is the world's largest educational and scientific computing society and MPSTME runs students chapter that helps strengthens the profession's voice through leadership, promotion of the highest standards, supporting members' professional development, and promoting policies and research.
- Civil Engineering Students' Association (ASCE's CESA): CESA is the registered student chapter for MPSTME of American Society of Civil Engineering (ASCE).
- Institute of Electrical & Electronics Engineers (IEEE): Organises events and conducts workshops to help students to gain technical knowledge.
- Institution of Engineering & Technology (IET): IET is world leading professional organisation based in the UK. It is notable for organising and participating in various seminars, workshops, hackathons and competitions.
- The Institution of Electronics & Telecommunication Engineers (IETE): IETE students chapter at MPSTME focuses on technical workshops & events that fit the vision of TETE.
- International society of Automation (ISA MPSTME): The ISA is a leading, global, non-profit organization that is setting the standard for automation. It organises innovative events, seminars and workshops that students have not witnessed before.

- **Automated Underwater Vehicle (AUV MPSTME):** It facilitates the research, development and prototyping of Underwater Robotics, powered by a custom modular subsystem of Controllers, Processors, Sensor Arrays and Fail-safes
- **MPSTME Racing Team:** Amis at developing the design and manufacturing knowledge of students for all Terrain Vehicle design competitions
- **Robocon:** Regular participation at Robocon competition
- **Technocrats:** Technocrats is a group of Civil Engineering students representing the Western India region at the ASCE student conferences in USA

- **Alumni Cell:** Instrumental in connecting our proud Alumni for requital guidance to our students and organises college's Alumni Meet "Reminiscence"
- **Cultural Committee:** Cultural Committee is to enable students to enlarge their social circles through various events
- **Colloquium:** It builds a critical bridge between what is taught in the college and the current requirements of the industry by bringing the CXO's on campus for student interaction
- **Editorial board:** It's a platform of expression which organizes events like Open Mic Night, Comik Con, Crossfire Debate, Blind Date With A Book and The Editorial Project. It publishes the annual magazine, "Verve" which gives students an opportunity to write articles showcase their literary talent
- **ENACTUS:** The MPSTME chapter of Encatus which non-profit organization that aims towards changing the society and the world through social entrepreneurship leading to upliftment of the beneficiaries
- **Earth Appreciation Society:** It has a group of students that are determined to help and safeguard the environment
- **Findrome:** It organizes events, workshops, guest lecturers from industry experts, business quiz, virtual stock market, management simulation games, case study competition, panel discussions etc. in financial domain. It keeps students abreast with latest happenings in corporate and financial world
- **Innovation & Entrepreneurship cell (IEC):** IEC is a non-profit student body which aims to promote the spirit of entrepreneurship and innovation
- **Model United Nations Society (MunSoc):** MUN Society MPSTME provides a platform to students who are eager to broaden their mind-set and develop abilities like speaking, debating and negotiating by participating in MUNs across the globe
- **NOW-MOZZILA (Network For Open Web):** It brings tech enthusiasts & programmers together with the goal of building open Source projects, helping other passionate developers and creating a better environment for everyone
- **Research Cell:** Research is all about wandering around, gathering experiences, meeting people with various aims. It involves the combination of trial and error
- **Sports Committee:** Sports Committee organizes various sports events which an aim of developing and maintaining physical fitness of students & faculty
- **Social impact:** Every year this committee takes steps towards the welfare of the society. It believes in the ripple effect and that small good deeds can make a big difference
- **Technical Committee:** It includes technical Industrial Visits, Workshops, Competitions and Recreational events to provide a hands on experience
- **TEDx NMIMS:** Utilize TED'x education style to create a thought provoking event for the community at MPSTME, Mumbai. It creates information and hope to challenge established thinking and encourage the community to look at new ideas
- **4C (Collect Connect Commence And Collaborate):** It represents Collect- Information, Knowledge, Thoughts, Ideas. Connect- Business, Academia, Minds. Commence- Change you want to be/see. Contest- with the Best

# SHIRPUR CAMPUS

## MPSTME – SHIRPUR IS AICTE APPROVED INTEGRATED CAMPUS SPREAD ACROSS 50 ACRES ON THE BANK OF TAPI RIVER ON NH3

- State of the art Residential campus equipped with world class amenities including separate girls and boy's hostels, gymnasiums, sick bays & Battery vehicles for within the campus commuting.
- Modern and well equipped laboratories with Robust and scalable IT infrastructure
- Institutional chapters and branches of all international and national professional societies
- Most modern & advanced ICT and pedagogy of Teaching Learning Process
- Experienced and Dedicated faculty
- Continuous evaluation and cumulative grading system
- Teaching scheme updated as per industry needs on a regular basis
- 24 x 7 academic support; Library and high speed Wi-Fi facility
- Regular TECH talks and workshops on modern tools and practices by eminent industry experts.
- In line with the Institutional DNA, we always strive to provide the best possible education to our students, which is not possible without strong industrial linkages. The strength of our campus are consultancy, student and faculty internships, projects and other allied activities.



## INDUSTRY GRADE FACILITIES ON CAMPUS

**Automation Lab:** Sensorics, Pneumatic, Hydraulics and PLC (Sponsored by BOSCH)

**3D Printing Lab:** Industry grade 3D printer with build volume of 500 x 500 x 500 mm

**Textile Industry:** Advance Textile Manufacturing Facility

**Artificial Intelligence Lab:** Solution provider in Automation, Data Analytics, Vision and Voice Analysis and all relevant areas of AI and Machine Learning.

**Innovation Cell:** Need based solutions to industrial problems. These industry grade facilities are backed with Industry ready students who are well trained over the period of their course in terms of various skills in employability, technical & Management & Life skill domain.

## CO-CURRICULAR ACTIVITIES

**AMBIORA (A National Level TECHFEST):** AMBIORA is a technical fest conducted under SVKM's NMIMS MPSTME (Shirpur campus). It is aimed at mobilizing keen minds from engineering institutions. The fest aims at inspiring students to think and develop their technical strengths. The prime objectives of Ambiora are think logically, be conceptual and remain simple.

**B-PLAN: BUSINESS PLAN** is a simulation of actual corporate life that our students will face once they join the industry. It lays emphasis on developing communication skills and the way they adjust to the ups and downs that the industry faces.

**CORPORATE RACE:** With an aim to brush up the management skills of students. This import to event test the person's communication skills, presence of mind and knowledge. Students are expected to come up with the most lucrative solution in tough situations.

## EXTRA-CURRICULAR ACTIVITIES

**PROTSAHAN:** It is a national level cultural, technical & sports festival organized by NMIMS at the Shirpur Campus. Students from all over India participate in this fest. The main attractions of the fest are the celebrity performances, professional singers and bands who are invited to perform at the festival.

**NM-MUN:** The Narsee Monjee Model United Nations Conference is an event that is organized annually at the Shirpur Campus. The event is organized by the students of this campus and provides students with a simulated environment of how the United Nations and the bodies associated with it work.

**PPD CELL:** The Professional Personality Development (PPD) cell is a unique, dynamic and innovative student based organization. Its core objective includes complete transformation of a student into a professional individual. It strives to achieve this by conducting diverse spectrum of events, workshops and boot camps, which will result in the ultimate personality development of students, thereby making them competent to make exponential progress in their respective fields.

# PLACEMENT COMMITTEE

## DR. NIKHIL GALA

Chairman - Corporate Relations & Placements

Desk: +91-22-42334020

nikhil.gala@nmims.edu

## MUMBAI CAMPUS

Board: +91-22-42334000  
btechplacements@nmims.edu

### MS. MANJULA GANGULY

Desk: 020-42334000

### MS. SARIKA HALGEKAR

Desk: +91-22-42334035

### MS. DEVIKA MAHIDA

Desk: +91-22-42334080

### MS. SATABDI DAS

Desk: +91-22-42334035

## SHIRPUR CAMPUS

Board: + 91-2563-295545/46/47/48/49  
btechplacements.shirpur@nmims.edu

### MR. PRASANNA OJHA

+91 8962614952 / +91 9826256664

Desk: 02563 295545/6/7/8/9

prasanna.ojha@nmims.edu

### MR. SANDIPSING DESHMUKH

Desk: desk: 02563 295545/6/7/8/9

sandipsingh.deshmukh@nmims.edu



**SVKM'S NARSEE MONJEE INSTITUTE  
OF MANAGEMENT STUDIES**

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

**MUMBAI CAMPUS**

Bhakti Vedant Swami Marg., J.V.P.D. Scheme,  
Vile Parle (W), Mumbai-400 056  
Telephone : +91 22 42334000  
Placement : +91 22 42334080 / 35  
Fax : +91 22 26717779  
Email : [btechplacements@nmims.edu](mailto:btechplacements@nmims.edu)  
Web : <http://engineering.nmims.edu>

**SHIRPUR CAMPUS**

Mukesh Patel Technology Park, Babulde,  
Bank of Tapi River, Mumbai – Agra Road, Shirpur - 425405,  
Dist. Dhule, Maharashtra, India  
Telephone : 91-2563-295545/46/47/48/49  
Email : [btechplacements.shirpur@nmims.edu](mailto:btechplacements.shirpur@nmims.edu)  
Web : <http://engineering-shirpur.nmims.edu>