



SVKM'S
Narsee Monjee Institute of Management Studies
Deemed-to-be UNIVERSITY



STUDENT RESOURCE BOOK

(2024-25) - Part II

School of Technology Management & Engineering Navi Mumbai

The Student Resource Book Part II (2024-25) of School of Technology Management & Engineering has been developed, verified and approved.

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Message from Campus Director

Dear Students,

Welcome to NMIMS Navi Mumbai Campus!

We are proud to host eight schools and a vibrant community of approximately 3,000 students. Our aim is to cultivate competent, ethical and sensitive managers & leaders who would be able to contribute significantly for the industry, nation-building, and for the society.

At NMIMS Navi Mumbai, we put in our humble efforts to address industry and societal challenges through our rigorous educational programs. Our students benefit from intensive classroom training led by highly qualified faculty, augmented by sessions from industry experts. Additionally, seminars, guest lectures, co-curricular activities and extra-curricular activities enrich the students' learning experiences, providing them with hands-on opportunities to organize and participate in these events.

Our approach extends beyond conventional education. We emphasize adaptability, resilience, and the importance of continuous learning and change. Our educational process encourages the application of emotional intelligence, critical thinking, and problem-solving skills. Our teaching methodology balances lectures, case studies, student presentations, and research with modern educational techniques. Summer internships allow students to apply their classroom knowledge in real-world settings, bringing fresh and innovative ideas to organizations and reinforcing their learning.

NMIMS Navi Mumbai is dedicated to developing highly trained leaders and managers for the current and future needs of business and industry. The success of our programs is evident in the excellent placement records of our students, and many of our students get selected for higher education in some of the well-known global universities, which stands as a testament to the quality of our education. Our full-time faculty members are actively involved in research, case writing, and publications, contributing significantly to the academic growth of our students. We are grateful for the support from industry professionals who assist in curriculum development, teaching, and placement. We continuously strive to keep our programs relevant to the evolving needs of industry and society.

Our campus in Kharghar (Navi Mumbai), is located in the lap of the nature. This place is full of greenery plus small hills around. Our campus is equipped with state-of-the-art labs, a well-stocked library, and other facilities that create a conducive learning environment. Comfortable hostels, cafeteria, and various amenities ensure an enjoyable and liveable campus life. Service of doctor, nurse and counsellor/ psychologist is available in campus.

Focussing on following important points will be helpful to the students:

- **Study well** (so that you can do well and pass all courses to get promoted to next year).
- **Attendance** (less than required percentage of attendance will lead to debarment from examination, as per our university rules).
- **Read and follow the SRB rules well, maintain discipline**... that will be helpful.
- **Stay happy, take care of your health**, exercise regularly, nurture some HOBBIES, learn & develop Life-Skills, stay on RIGHT Path, be a life-long-learner and add VALUE for yourself every day.

We wish you a transformative experience at NMIMS Navi Mumbai, so that you can contribute meaningfully for yourself, for the industry, for society, and for the nation at large.

With Best Wishes,

Shubhasheesh Bhattacharya (Ph. D)
Director,
NMIMS Navi Mumbai Campus

Message from Dean

Dear Student,

Welcome to the Mukesh Patel School of Technology, Management and Engineering, SVKM's Deemed to be NMIMS University!

As you embark on your journey as student engineers, I extend my warmest welcome to each of you. This is an exciting time filled with new possibilities, challenges, and opportunities for growth.

At NMIMS, we are committed to providing you with an exceptional educational experience that prepares you for the real world. Our curriculum is designed to equip you with the essential skills and knowledge to become successful engineers who can make a positive impact on the world.

Our approach to engineering education is rooted in the belief that engineers are not just problem solvers, but also creators and innovators. You will be challenged to think critically, analyze complex systems, and design creative solutions that address real-world challenges. You will also have the opportunity to put your ideas into practice through hands-on projects, internships, and research experiences.

Remember, being a student engineer is not just about acquiring technical knowledge. It's also about developing essential professional skills such as communication, teamwork, ethical awareness, and a commitment to lifelong learning. These skills are crucial for success in any engineering career.

As you navigate your academic journey, I encourage you to take full advantage of the resources and support systems available to you. Our dedicated faculty and staff are committed to your success and will provide guidance and mentorship throughout your time here.

I also encourage you to embrace the vibrant campus life and engage in extracurricular activities that will broaden your horizons and help you develop your personal and professional skills.

This is a time for you to dream big, set ambitious goals, and work diligently to achieve them. Remember, your journey as a student engineer is just beginning. With hard work, dedication, and a commitment to excellence, you can achieve anything you set your mind to.

Welcome to the NMIMS family! We are excited to have you on board and look forward to witnessing your success.

Best wishes,

Dean, Mukesh Patel School of Technology, Management and Engineering
SVKM's Deemed to be NMIMS University

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1. Any other Academic/general inputs, Rules Policies at school level

1.1 General Guidelines:

- All students are expected to be professionally dressed and groomed to maintain decency and decorum of the “profession”. For girl students, off shoulder tops/ spaghetti tops/ crop tops/ transparent dress/ shorts are strictly not allowed.
- The use of cell phones in classrooms/ laboratories is strictly prohibited. Strict action will be taken against students using cell phones in the classroom/ laboratories.
- Misconduct of any sort from any student will be dealt with strictly. Any student resorting to any indecent, unruly behaviour or found causing disturbance, annoyance or raising voice for any reason which results in irritating or disturbing any other person, shall be considered as ‘misconduct’ and will be dealt with accordingly.

1.2 Academic Guidelines:

The school uses Learning Management System (LMS) for smooth conduction of academic and administrative activities.

Student Portal is available to get updates on the following:

- Notices
- Daily Attendance
- Internal Continuous Assessment
- Examination
- Teaching Scheme and Syllabus
- Any announcements related to student activities

Students are advised to check the student portal regularly for updates.

URL: <https://portal.svkm.ac.in/usermgmt/login>

For more details, refer to Part I, item 13

Contact hours and credit details are as follows: - From Part I

Details	Credit	Equivalence in hrs. per week	Total Hours in 15 weeks of a Semester
Class room teaching	1	1	15
Lab/ presentation of work	1	2	30
Tutorial	1	1	15

Credits for Internship/ In-Plant Training and Projects of MBA Tech., B. Tech. and Diploma programs are as per the approved Teaching scheme.

1.3 Program Validity:

In continuation to the re-admission rules explained in Part I of this SRB, the maximum duration permissible for completion of each of the programmes is mentioned in the table below:

S. No.	Name of the programme	Duration of the programme (in years)	Maximum duration permissible for completion the programme (in years)
1	MBA Tech	5	7
2	B Tech	4	6

1.4 Discipline Norms and Penalty:

In continuation to the Discipline Norms and Penalty explained in Part I of this SRB, the names of committee members of the school are as follows:

1.4.1 Anti-Ragging Committee

S. No.	Name	Position	Email ID	Phone
1	Dr. Nitin Balwani	Convener	nitin.balwani@nmims.edu	7738748543
2	Dr. Mukund Madhav Tripathi	Co-Convener	mukundmadhav.tripathi@nmims.edu	9594939617
3	Dr. P. Manikandan	Member	p.manikandan@nmims.edu	9655494455
4	Dr. Preeti Gupta	Member	Preeti.gupta@nmms.edu	9928369701
5	Prof. Manisha Band	Member	manisha.band@nmims.edu	9370372743
6	Dr. Ishfaq Khoja	Member	Ishfaq.khoja@nmims.edu	7006846291
7	Dr. Jyoti Verma	Member	jyoti.verma@nmims.edu	9920350521
8	Prof. Arpita Sarkar	Member	arpita.sarkar@nmims.edu	9892928071
9	Ms. Anupriya Sharma	Member	anupriya.sharma@nmims.edu	9619723584
10	Mr. Rajiv Shejwal (Police Inspector)	Member	-	9594426999
11	Mr. Subhendu Sur	Parent Representative (Member)	subhendusur@hotmail.com	9552070909
12	Ms. Srishti Sur	Student Representative (Member)	srishti.sur216@nmims.in	9356650781
13	Ms. Bharathy Tahilliani	Founder, Kshamata Foundation & Member	bharathy@kshamata.org	9819754450

1.4.2 Disciplinary Committee

S. No.	Name	Position	Email ID	Phone
1.	Dr. Nitin Balwani	Convener	nitin.balwani@nmims.edu	7738748543
2.	Prof. Manisha Band	Member	manisha.band@nmims.edu	9370372743
3.	Dr. Mukund Madhav Tripathi	Member	mukundmadhav.tripathi@nmims.edu	9594939617
4.	Dr. Preeti Gupta	Member	Preeti.gupta@nmms.edu	9928369701
5.	Dr. Ishfaq Khoja	Member	Ishfaq.khoja@nmims.edu	7006846291
6.	Dr. Jyoti Verma	Member	jyoti.verma@nmims.edu	9920350521
7.	Prof. Arpita Sarkar	Member	arpita.sarkar@nmims.edu	9892928071
8.	Ms. Anupriya Sharma	Member	anupriya.sharma@nmims.edu	9619723584

1.4.3 Woman Grievance Redressal Committee

S. No.	Name	Position	Email ID	Phone
1	Prof. Manisha Band	Convener	manisha.band@nmims.edu	9370372743
2	Dr. Ritu Srivastava	Member	Ritu.srivastava@nmims.edu	8375845996
3	Dr. Jyoti Verma	Member	jyoti.verma@nmims.edu	9920350521
4	Ms. Anupriya Sharma	Member	anupriya.sharma@nmims.edu	9619723584
5	Ms. Karuna Garud	Member	Karuna.garud@nmims.edu	9769931970
6	Ms. Anupriya Agnihotri	Student Member	Anupriya.agnihotri104@nmims.edu.in	6390256264
7	Ms. Manasi Hajela	Student Member	Manasi.hajela678@nmims.edu.in	9565067913
8	Ms. Aarya Sawant	Student Member	Aarya.sawant119@nmims.edu.in	9930717771
9	Ms. Ritika Amaresh	Student Member	Ritika.amaresh107@nmims.edu.in	8079042025
10	Ms. Bharathy Tahilliani	Founder, Kshamata Foundation & Member	bharathy@kshamata.org	9819754450

1.4.4 Student's Grievance Redressal Committee:

S. No.	Name	Position	Email ID	Phone
1	Dr. Nitin Balwani (SBM)	Convener	nitin.balwani@nmims.edu	7738748543
2	Dr. Mukund Madhav Tripathi (SOC)	Co-Convener	mukundmadhav.tripathi@nmims.edu	9594939617
3	Prof. Prashant Barsing (SBM)	Member	prashant.barsing@sbm.nmims.edu	9794258005
4	Dr. P. Manikandan (SOHM)	Member	p.manikandan@nmims.edu	9655494455
6	Prof. Ketan Chande (SOHM)	Member	ketan.chande@nmims.edu	9867503203
7	Prof. Mani Govil (SOC)	Member	mani.govil@nmims.edu	9819123146
8	Dr. Preeti Gupta (STME)	Member	Preeti.gupta@nmms.edu	9928369701
9	Prof. Asha Rawat (STME)	Member	Asha.rawat@nmims.edu	9004675627
10	Prof. Manisha Band (SOL)	Member	manisha.band@nmims.edu	9370372743
11	Prof. Neha Jain (SOL)	Member	Neha.jain@nmims.edu	9830489265
12	Dr. Ishfaq Khoja (SOE)	Member	Ishfaq.khoja@nmims.edu	7006846291
13	Dr. Hemangi Kelkar (SOE)	Member	Hemangi.kelkar@nmims.edu	9773927882
14	Dr. Jyoti Verma (SOMASA)	Member	jyoti.verma@nmims.edu	9920350521
15	Dr. Suresh Pathare (SOMASA)	Member	suresh.pathare@nmims.edu	9923694604
16	Prof. Arpita Sarkar (SOS)	Member	arpita.sarkar@nmims.edu	9892928071
17	Dr. Amani Kanugolu (SOS)	Member	Amani.kanugolu@nmims.edu	9591134342

1.4.5 Scheduled Caste (SC)/ Scheduled Tribe (ST) Committee:

S. No.	Name	Position	Email ID	Phone
1.	Prof. Prashant Barsing	Convener	prashant.barsing@sbm.nmims.edu	9794258005
2.	Prof. Tejaswini Chavan	Member	tejaswini.chavan@nmims.edu	8830022906
3.	Dr. Rahul Kanekar	Member	Rahul.Kanekar@nmims.edu	9821857797
4.	Mr. Ramesh Awale	Member	-	8850261103

2. Placement Guidelines (wherever applicable):

School of Technology Management and Engineering was established to create an innovative space for technology education and management practices aligned with industry and societal needs. The goal is to offer a comprehensive platform for engineers to integrate their knowledge into creating technology that addresses the changing needs of today's world.

The STME placements team guides students for landing a role aligned with their aspirations and taking their first steps in the corporate world.

Placement assistance is offered to students of various programs across all campuses. The Placement Office facilitates the process of placements – internship and recruitment by creating an interface between recruiters and students. Efforts are made to market the programs with their merits with an endeavour to get companies to offer internships/ recruit students. The selection process specified by the company is followed. The PlaceCom - Placement Committee of students is actively involved in the placement activities – contacting/ visiting companies located in metros and major cities for placement presentations and also coordinate various activities during the placement processes.

The Placement Office devises placement guidelines that are in the larger interest of the school and students, in consultation with students and faculty. Students are expected to maintain decorum and abide by the guidelines during placement processes. In the event of non-conformance to the placement guidelines, the school reserves the right to initiate corrective action.

The Placement process typically involves

- Batch Preparation
- Pre-Placement Talks
- Internships/ Projects
- Final Placements

2.1 Batch Preparation

The Comprehensive Batch Preparation Program is to enhance the suitability of candidates and orient them to industry practices and expectations.

- a. Alumni and industry expert sessions provide valuable insights for students, helping them understand their roles in the industry, company expectations, future career prospects, interview techniques, and firsthand experiences in various roles.
- b. Assigning faculty mentors to guide students.
- c. Interaction with seniors who have undergone internships and are working full time to gain insights of the corporate world.
- d. Mock interviews with alumni/ corporates to get direct feedback from people in relevant industries.
- e. Guest talks and workshops on various topics from corporates.
- f. Resume building as per guidelines and vetting by faculty mentors.
- g. Training modules covering Aptitude, Technical and Employability Skills.

2.1.1 The placement team advises students to take part in placement prep training modules in order to boost their likelihood of being chosen for campus selection.

2.1.2 Prior to the commencement of the selection process it is expected that students should be having a fair idea about their interest, sector and specialization or at least have some long-term vision of where they want to be and should direct their efforts accordingly. A bit of clarity will help students land a good internship/ job.

2.1.3 Hence students should do a thorough research about the company, the business, the sector, other players in the sector, the technologies, the services or products, the financials etc. and be prepared with a background and fact file prior to the process. Also, some additional information - the number of interns/ recruits in the past, whether the company has a PPO policy, the roles offered, the experience of seniors who interned/ worked with the company etc. will be of help.

- 2.1.4 The Placement Office also involves companies in a number of Campus Engagement activities – contests, projects, workshops, seminars, guest talks etc. that would benefit a larger number of students and also help in promoting the excellent quality of the batch.
- 2.1.5 Based on the guidelines, students will have to prepare their resume that would encapsulate information about academics, projects, certifications, technical skills, internship, co-curricular activities, extracurricular activities, awards, achievements, hobbies etc.

2.2 Pre-Placement Talk – PPT

PPTs are used by company officials to share information and answer students' questions. This helps them assess the student pool confidently. Students are encouraged to participate and ask relevant questions.

2.3 Internships/ Projects

- 2.3.1 The Placement Office makes all efforts to reach out for internships across varied sectors, companies and profiles. Based on ones' interests and capabilities one should seek internships. Choosing the correct company for internships and performing up to the mark is of utmost importance.
- 2.3.2 The Internships are not only a window to the corporate world but also a relationship-building tool. It allows the companies to have a look at the talent, thereby strengthening Final Placements.
- 2.3.3 Internships are an integral part of the curriculum for securing the degree. It is a great learning platform for our students and goes a long way in shaping the learning obtained in the classroom. This experience is of immense use to students to enable them to acclimatize themselves to the intricacies of the corporate world.
- 2.3.4 The project is expected to build on the theoretical learning with practical experience and help students to identify the gaps in their learning, which they can attempt to fill in.
- 2.3.5 Interactions during the internships both with other interns as well as employees help students to understand the expectations/ needs of the organisation, the sector in general, to identify the gaps in their learning and in orienting oneself towards the sector and developing the required skill sets to emerge as the most suitable candidate.
- 2.3.6 Internships also hold a special significance as it is an apt mechanism for companies to spot bright talent early. Many companies have structured internship process which is used as a 'testing ground' to gain a direct understanding of the skill and ability of students leading to declaration of PPO's/ PPI's. We encourage candidates to work towards such offers that are based on internship performance.
- 2.3.7 Pre-Placement Offer (PPO) is an Offer by the company to the intern acknowledging the excellent work done during the internship. Pre-Placement Interview (PPI) is an opportunity by the company for the intern to be directly selected for the interview for final placements. Thus, the students should be careful in applying to the companies of their choice and should put in all efforts to convert the internship into an Offer. Thus, the seriousness of this cannot be overstated.
- 2.3.8 Internship duration for B Tech, B Tech Integrated and MCA – entire semester (during last semester of the year). MBA Tech Program has 2 internships, Technical Internship post 6 Semester -2 months and Management Internship post 8th Semester- 4.5 months. Internship Guidelines will be shared by the Placement Cell prior to the Placement season. While feedback from the company is sought, the internship is also evaluated by the School that could involve faculty guide monitoring the performance; periodic report submissions, evaluations, Viva Voce etc.
- 2.3.9 During the Internship if any company discontinues the student internship due to his/her professional's ground, ethical & behavioural terms so He/ She will be not eligible for the final placements.

2.4 Final Placements

- 2.4.1 Leading companies across sectors aspire to recruit students of MPSTME. Each company has its own set of characteristics or qualities that they look for in a candidate. Hence, the company devises the eligibility criteria and selection process accordingly.
- 2.4.2 The process of selection starts with inviting applications based on the eligibility, profile, job description, compensation details shared by the company. The student applications are then sent to companies for further shortlisting. Students are required to check their emails/ Placement

Portal/ Student Portal, etc. regularly for information updates.

- 2.4.3 Every effort will be made to facilitate the placement process. However, it is the effort of the student that gets him/ her selected for the job.
- 2.4.4 Companies could have one or multiple rounds for selection – case analysis, group discussion, group exercises, aptitude test, technical test, coding test, psychometric assessment, interviews etc. Reasons like location, family issues etc. should not be constraints to students. They are expected to be mobile and have the capability to adjust and adapt and respond to emergent situations successfully
- 2.4.5 Students who do not wish to participate in the placement process are expected to formally notify the Placement Office vide the 'Opted Out Form' mentioning the reason, which could be higher studies, entrepreneurship, family business, preparation for public services exam, seeking placements on their own giving with the names of such companies and details. The reason being, to iron out any hitches that may crop up later as the Placement Office approaches many companies and would like to continue the cordial relationship with them.

The Placement Department will share guidelines for resumes, presentations, internships, job offers, and final placements with the batch. The school reserves the right to modify the guidelines. Students must follow the internship and placement guidelines provided by the department before the process begins.

3. Guidelines for International Student Exchange Program(Wherever applicable)

The NMIMS Department of International Linkages (DIL) fosters partnerships with premier institutions around the world to enhance NMIMS standing as a world-class institution. DIL has actively engaged with leading institutions around the world to foster student and faculty exchange, research collaboration and cross-cultural learning in line with the University's Vision to be a globally admired University by 2030. Under the Twinning Agreements/ Dual Degree programs students study a part of their program at MPSTME, NMIMS and then go and complete the rest of the program at a partner University abroad. Students may apply and attend summer schools in universities abroad. Further details are available at <https://engineering.nmims.edu/mpstme-international-linkages/>. Students can fill in the enquiry form on that website if they have any further queries.

The Universities abroad with which MPSTME has MoUs are given below:

MPSTME International Linkages

- Virginia Tech, USA
- Stevens Institute of Technology, USA
- University of New South Wales, Australia
- University of Buffalo (UB), USA
- Hochschule Karlsruhe University of Applied Sciences
- Binghamton University, USA
- Cranfield University, UK

Contact Details:

Name: Dr. Ritu Srivastava

Designation – Assistant Professor, SBM, Professor-in charge of International Relations, Chairperson,

Email ID - ritu.srivastava@nmims.edu

4. Examination Guidelines (Internal Continuous Assessment (ICA) / Term / Trimester / Semester End Examination (TEE/ SEE), Passing Criteria, Grading system, method of calculation of CGPA, Re-Examination, exceptional cases – medical etc.)

Examination weightages and credits:

A student will undergo Internal Continuous Assessment (ICA) for each course/ subject in all the semesters. Various components of such continuous assessment would be as decided by the respective course/ subject teacher/ faculty and approved by the Dean/ Director of the school/ campus concerned. Break up for evaluation of each course will be as under:

Break up for evaluation of each course will be as under:

Component	Marks
ICA Components: Mid Term/ Unit Test/ Project/ Assignment/ Presentation/ Weekly Tests/ Case Study/ Quizzes/ any other (School)	50
SEE: Term/ Trimester/ Semester-end examination (University)	100 (Scale down to 50 marks)
Total	100

4.1 PASSING STANDARDS FOR EACH COURSE (SUBJECT):

Semester-end-exam Passing Criteria for each Course

To pass in a particular course, in any of the Term/ Trimester / Semester End examination or re-examination, a student must fulfil all of the following criteria:

- Secure a minimum of 40% marks in the Term/ Trimester / Semester end examination of that course and
- Secure a minimum of 40% aggregate marks out of the total marks (that is, internal continuous assessment plus assessment of the Term/ Trimester/ Semester end examination) allotted to the course.
- For a course which has only internal continuous assessment component, passing will be at 40%.

Students who fail to fulfil above passing criteria would be awarded 'F' grade.

4.2 Non – fulfillment of Passing Criteria:

A student, who has failed to fulfil the passing criteria as given above, will be required to appear for term/ trimester/ semester-end re-examination, which will be conducted immediately after declaration of results of the said regular term/ trimester/ semester-end examination. **The internal continuous assessment marks for such courses will be carried forward for the term/ trimester/ semester-end re-examination.**

To be eligible to appear for term/ trimester/ semester-end re-examination, a student has to submit online re-examination application available on student's SAP portal. **A student who does not fill in online re-examination form will be denied permission to appear at the re-examination.**

It is the responsibility of such students to keep him/ her informed about such examination dates (time table). If, in any case, student feels that he/she wants to improve their ICA, he/ she will have to take re admission for the complete academic year. In case of re-admission, the earlier results will stand null & void and student cannot claim the credits of the course/s passed earlier. Student will have to appear as a fresh candidate for both Internal Continuous Assessment & Term End Examinations.

Only one re-examination will be conducted for each course immediately after declaration of results of final examination and there will not be any further re-examination for whatsoever reason (in an Academic Year).

Remedial classes would be organized by the school for all the students who fail to fulfil the passing criteria, before the conduct of the re-examination. However, these remedial classes will be on demand from students and if a student registers for remedial classes, he/ she is expected to maintain 100% attendance. If any student feels that he/ she can manage without remedial classes, students can study on their own and appear for the re-examination, later on, such students cannot complaint, that their doubts were not cleared by faculty.

Note: Remedial classes will be conducted by the faculty on demand, if number of students are more than 10. Otherwise, students can get their doubts cleared from the faculty on one-to-one basis.

5. Promotion/progression Rules and ATKT (Allowed to Keep Terms): B. Tech. / MBA (Tech.)/ Diploma

- 5.1 A student will be declared as pass in each year of the programme when he/ she has no F grade in an academic year after permissible re-examination/s.
- 5.2 Student who has passed in all the courses/ subjects (as per the criteria laid down hereinunder) of Semester I and II examinations of the first academic year will be promoted to the second year of the concerned programme. A student who has passed in all the subjects of Semester III and IV examinations of the second year will be promoted to the third year of the concerned programme. A student who has passed in all the subjects of Semester V and VI examinations of the third year will be promoted to the fourth year of the concerned programme. Likewise, a student who has passed in all the subjects of Semester VII and VIII examinations of the fourth years will be promoted to the fifth year of the concerned programme (wherever applicable). Further;
- As regards to the admission to the third year, students must have passed the examinations of all the courses/subjects of first year. Student should not have any F grade in the first year of the programme.
 - For admission to the fourth year, students must have passed the examinations of all the courses/ subjects of second year. Student should not have any F grade in the second year of the programme.
 - Similarly, for admission to the fifth year, students must have passed the examinations of all the courses/ subjects of third year (wherever applicable). Student should not have any F grade in the third year of the programme.
- 5.3 A student who has failed to fulfill the passing criteria of odd semesters courses after re-examination, will be allowed to attend the classes and appear at the examination/ re-examination of even semesters. For example, a student who fails in Semester I examination will be permitted to attend lectures and appear at Term-End examinations of Semester II. This criterion will apply to the subsequent years also. Such students will be allowed to appear at term-end re-examination of the courses/subjects where the student has obtained 'F' grade. The internal assessment marks obtained by the students will be carried forward. Students are advised to keep track of the examination/ re- examination timetables. The examination/ re-examination time table are displayed on university website and also student's portal. However, student progression to the subsequent year will be determined with reference to the following rule.
- 5.4 A student who has obtained upto **two 'F' grades in B Tech/ MBA Tech/ Diploma** program in an academic year after the said re-examinations will also be allowed to enter in the next year of the program. Such students will be required to appear for re-examinations of courses where the student concerned has obtained **F grade** during the related Semester-end examinations / re-examinations along-with the regular students of next year.
- 5.5 Student, who has obtained more than **two "F" grades** in an academic year (including both the semesters) after respective permissible re-examinations, would not be promoted to the next year of the programme. Such students can either take readmission in the subsequent year for the entire academic year and re-do all the courses, that is both the ICA and TEE components.

Student who has got more than **two “F” grades**, who are not eligible for promotion as per progression rule and do not want to take readmission are allowed to take “year back” and appear for the term end re-examination after paying necessary examination fees. Such students who appear for the term end re-examination, their internal component assessment (ICA) marks will be carried forward to the next academic year and they will be appearing only for the term end re-examination (TEE).

5.6 **Examination conducted by the school -if any** – The re-examination of such courses will be held with the re-examination of the courses conducted by university. The Examination will be held only for the TEE component; however, the ICA marks will remain unchanged. If a student fails in re-examination (Refer passing criteria) and after application of progression rule, if student is not eligible for promotion, he/ she will have to take re-admission for the entire year or appear for the re-examination by opting non attending option.

5.7 Courses with only ICA evaluation

There is no provision of re-examination under this category. The student will have to take re-admission in the same semester in the subsequent academic year of the programme.

6. **Promotion Rules: M. Tech. / MCA**

A student will be promoted to the subsequent year of the programme only when he/ she has no F grade in the year after re-examinations.

Non – fulfillment of Passing Criteria M. Tech. / MCA

A student, who has failed to fulfil the passing criteria as given above, will be required to appear for term/ trimester/ semester-end re-examination which will be conducted immediately after declaration of results of the said regular term/ trimester/ semester-end examination. The internal continuous assessment marks will be carried forward for the term/ trimester/ semester-end re-examination.

To be eligible to appear for term/ trimester/ semester-end re-examination, a student has to submit an online re-examination application available on student’s SAP portal. A student who does not fill in online re-examination form will be denied permission to appear at the re-examination.

It is the responsibility of such students to keep him/ her informed about such examination dates (time table). If, in any case, students feels that he/she wants to improve their ICA, they are eligible to take re admission for the complete academic year. In case of re-admission, the earlier results will stand null & void and student cannot claim the credits of the course/s passed earlier. Students have to appear as fresh candidates for both Internal Continuous Assessment & Term End Examinations.

Only one re-examination will be conducted for each course immediately after declaration of results of final examination and there will not be any further re-examination for whatsoever reason.

6.1 **Examination conducted by the school -if any** – The re-examination of such courses/subjects will be held with the re-examination of the subjects conducted by university. The Examination will be held only for the TEE component; however, the ICA marks will remain unchanged. If a student fails in re-examination (Refer passing criteria) and after application of progression rule, if student is not eligible for promotion, he /she will have to take re-admission for the entire year or appear for the re-examination by opting non attending option.

6.2 Courses with only ICA component– If a student does not satisfy passing criteria there will be no re-examination, **the student has to take re-admission in the same semester in the subsequent academic year.**

7. **Promotion/ progression Rules: M. Tech. / MCA**

A student who has failed to fulfill the passing criteria of odd semesters courses after re-examination, will be allowed to attend the classes and appear at the examination/ re-examination of even semesters.

However, a student who fails to fulfill the passing criteria at the end of the academic year (Both the semesters) will not be permitted to progress to the next year of the program.

A student will be promoted to the subsequent year of the programme only when he/ she has no F grade at the end of the year after eligible re-examination/s.

In case, the student fails even in the re-examination/s of either odd or even semesters, which are so held, he/ she will not be promoted to the next year of the programme. Such student/s will have the following options:

To seek readmission in the subsequent year for the entire academic year.

Or

Appear for the Term end examination of the course/s in which the student has got "F" grade, in the subsequent year. In such a case, the ICA marks of the course/s will be carried forward of the previous year in which the student had got "F" grade. The student will be required to pay only the re-examination fees. In case of obtaining F grades even in this attempt, student will be given another re-examination chance to clear the same. In total, year-back students will have only two re-exam attempts during the academic year.

8. Grading System:

The University follows a letter grading system leading to the award of a Ten-Point Grade Point Average (GPA) for each term and Cumulative Grade Point Average (CGPA) for all the terms until date.

'Letter grades' and corresponding 'grade points' are as under:

Percentage of Marks		Grade	Points	Performance
90	100	O	10	Outstanding
80	89.99	A+	9	Excellent
70	79.99	A	8	Very Good
60	69.99	B+	7	Good
55	59.99	B	6	Above Average
50	54.99	C	5	Average
40	49.99	P	4	Pass
0	39.99	F	0	Fail
0	0	AB	0	Absent

8.1 Calculation of GPA (Grade Point Average):

Grade point Average for a term will be computed by dividing, the sum of product of grade point of each course/ subjects and credit value assigned to each respective course by the sum of credits assigned to all the courses/ subjects for the related term.

$$GPA = \frac{\sum CG}{\sum C}$$

8.2 Calculation of CGPA (Cumulative Grade Point Average):

Cumulative Grade Point Average up to and including a term will be computed by dividing the sum of product of grade point of each course/ subject and credit value assigned to each respective course by the sum of credits assigned to all the courses/ subjects up to and including the related term till date.

$$CGPA = \frac{\sum CG}{\sum C}$$

Here:

C = Credit value assigned to a course/subject

G = Grade point value assigned to a student for course/ subject corresponding to the letter grade (refer table given)

GPA = Grade point Average shall be calculated for individual term and referred to as Semester/ Trimester Grade Point Average.

If a student has failed to fulfil passing standard under any head in any subject (i.e. 'Semester/ trimester End Examination' and/ or 'aggregate'), he/ she shall be deemed to have failed in that subject.

9. General Examination Rules

- 9.1.1 A student who remains absent from trimester/ semester examination/s due to any reason in any Course shall be marked as 'AB' in the result/ grade sheet/ transcript for the Course/s in which he/ she has remained absent. All such students will be allowed to appear at re-examination in the said Course. A student who remains absent in the re-examination would not be able to avail any further re-examination chance in the same academic year.
- 9.1.2 In order to receive the degree, diploma, certificate, the student will have to pass all the examinations (Credit/ Non-Credit) of all the years. Student should ensure that he/ she has cleared his/her all dues from the respective departments like Admission, Accounts, Library, Hostel, etc. Also, mandatory admission documents are submitted.
- 9.1.3 Grievance Redressal (Revaluation/Verification of answer books): In case a student is not satisfied with the result/ grade received by him/her in a particular Course, he/ she may follow the 'Grievance Redressal Procedure' as given in part I of student resource book in case he/ she desires.
- 9.1.4 The fees for re-examinations and re-admission will be decided by the University from time to time.
- 9.1.5 In case of any disputes/ differences, decision of the University shall be final and binding on the students. If a student desires to institute any legal proceedings against the University, such legal proceedings shall be instituted only in court at Mumbai in whose jurisdiction the application is submitted by the student and not in any other court.
- 9.1.6 Modification in criteria/ rules: On the recommendation of the Board of Studies of the School and the Board of Examinations, the Academic Council shall have the sole discretionary right to modify all or any of the above criteria at any time without prior notice.

These rules would be applicable to all the students who took admission/ re admission in and after the academic year 2024-25.

10. Internship / project Guidelines

There shall be following opportunities of industry interaction for MBA (Tech) students:

- i. MBA Tech Technical Internship Program (TIP) for 8 weeks after Third Year
- ii. Management Internship Program (MIP) of 16 weeks (May to 1st week of September) after Fourth Year for MBA Tech

10.1 MBA Tech Technical Internship Program (TIP) (Training)

- a. TIP will be for 6-8 weeks after semester VI.
- b. The objective of TIP is to provide an overview of the working of the industries and the latest technology and practices followed in the field chosen by the student. The objective is also to provide an appreciation of the practical application of the theory learned in the class.
- c. MPSTME will assist the students in selecting the right industry in their field of specialization and arrange for an Industry mentor and faculty supervisor to help the student and monitor his/ her progress.
- d. The TIP operational guidelines covering the process and the evaluation criteria will be shared in semester V of the program.

B Tech Technical Internship Program

The students may undergo an optional training (self-organized, 4-6 weeks) during the summer vacation (May and June) after the completion of 3rd year (after semester VI examinations).

10.2 MBA Tech Management Internship Program (Training)

The training shall be of 19 weeks duration commencing at the end of 8th semester. The objective shall be to get an all- round exposure for students and enhance their skills in industrial project working with the thrust on managerial content in their respective technology sectors. The training shall comprise of project work, which shall be in the area of the discipline in which the student is majoring in. Further, the project shall preferably have Technical and Management content. **(i. e. It shall be of a techno-managerial nature). Projects could be multidisciplinary in nature. Total Marks: 200**

10.3 Project – B Tech (Semester VIII) / BTI (Semester XII)

The principal objective of this course is to provide a culminating design experience to the final-year students' learning with essentially required hands-on experience to ensure that they graduate with the required practical and soft skills. It aims to expose the students to the entire product development life cycle starting from literature review, feasibility study, analysis, design, development and validation so as to enhance the technical skill sets in the chosen field. The course also provides an opportunity to the students for the development of their academic skills and logical thinking, oral communication skills, teamwork and planning.

The continuous assessment of the project work will be carried out based on the weekly performance, discussions and reporting to faculty and industry mentor. The final evaluation will be carried out by industry/academic experts at the end of the semester

10.4 B Tech / MBA Tech Summer Training

The students can undergo an optional training (self-organized, 4-6 weeks) during the summer vacation (May and June) after the completion of 2nd year (after semester IV examinations).

11. Course policy/ Tutorial policy

- The course policy/ tutorial policy document for a particular course/ subject provides detailed information about the teaching plan, pedagogy, reference material and evaluation criteria.
- At the beginning of every semester, the faculty members will share the course policy/ tutorial policy for every course/ subject.

12. Teaching assistantships

- A limited number of technical assistantships from time to time may be available for all students of M. Tech.
- There will be a notice from concerned faculty inviting applications from students to assist the min doing a research project for a stipulated period.
- Students will be selected by the faculty under whom they wish to work.

13. Community Service

In this course students are provided with an opportunity to volunteer services to Government, Non-government agencies, Hospitals, Schools and the Community. The services will be provided for any consecutive three weeks during the summer vacation between Semester-II and Semester-III (for first year students) and during the summer vacation between Semester-IV and Semester-V (for lateral entry students). Emphasis is placed on development and enhancement of organizational, leadership skills and character of students. Students will understand critical issues facing society and explore all aspects of giving back to the society. It is mandatory noncredit course. **A student must undergo and pass the course.**

14. List of E resources subscribed by NMIMS

Sr. No.	Database	Sr. No.	Database
	LIBRARY SOFTWARE		
1.	Koha	15.	ISI Emerging Markets
	GRAMMAR/ PLAGIARISM CHECK SFT.	16.	SPSS: AMOS
2.	Grammarly		COMPANY DATABASE
3.	Turnitin	17.	Capitaline AWS
	ELECTRONIC JOURNAL DATABASES		STATISTICAL DATABASE
4.	Current Science	18.	EPWRF
5.	EBSCO	19.	IndiaStat
6.	Economic and Political Weekly Co-Design		LAW DATABASES
7.	Ergonomics in Design	20.	Hein Online
8.	JSTOR	21.	Live Law
9.	The Design Journal	22.	Manupatra
	ENGINEERING DATABASES		CASE STUDY DATABASE
10.	DELNET	23.	Harvard Business School Publishing
11.	NPTEL		FINANCE LAB
	E-BOOKS DATABASES	24.	Bloomberg
12.	Pearson E-Books		SWAYAM / NDL
	RESEARCH DATABASES	25.	Consortium for Educational Communication (CEC)
13.	CMIE: Prowess IQ	26.	National Digital Library
14.	EViews 8	27.	SWAYAM

15. Course Structure & Guidelines - of all programmes

SCHOOL OF TECHNOLOGY MANAGEMENT AND ENGINEERING

Computer Engineering Department

Vision

Play a significant role in creating Computer Engineering Graduates with sound technical and managerial skills of value to industry and society both at national and international level.

Mission

The Computer Engineering Department endeavors for excellence in creating, applying and imparting knowledge in computer engineering through comprehensive curriculum and innovative teaching-learning process.

Provide a sound technical and managerial foundation and multifaceted development that prepares student to excel in higher education, research or technical/managerial profession that can adapt to rapidly changing technology in computer engineering.

Programme Educational Objectives (PEO)

- A. **Technical Growth** - Graduates will be successful in modern engineering practice and entrepreneurship, integrate into the local and global workforce, and contribute to the economy of India.
- B. **Professional Skills**-Graduates will continue to acquire and demonstrate the professional skills necessary to be competent employees, assume leadership roles, and enjoy career success and satisfaction.
- C. **Professional Attitude and Citizenship**-Graduates will become productive citizens demonstrating high ethical and professional standards, make sound engineering or managerial decisions, and have enthusiasm for the profession and professional growth.

Student Outcomes (SOs)

Graduates of the B Tech. in Computer Engineering program will have an ability to:

1. Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. Communicate effectively with a range of audiences.
4. Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. Acquire and apply new knowledge as needed, using appropriate learning strategies.

Course Structure for MBA Tech Computer Engineering Programme (Batch 2024-29)					
First Year					
Semester - I			Semester - II		
S. No.	Course	Credits	S. No.	Course	Credits
1	Calculus	4	1	Linear Algebra and Differential Equations	4
2	Physics	4	2	Quantum and Statistical Physics	3
3	Programming for Problem Solving	4	3	Elements of Biology	3
4	Basic Electrical and Electronics Engineering	3	4	Engineering Graphics and Design	3
5	Design Thinking	0	5	Management Accounting for Engineers	2
6	English Communication	1	6	Professional Ethics	1
7	Digital Manufacturing Laboratory	1	7	Constitution of India	0
8	Electrical and Electronics Workshop	1	8	Critical Thinking	0
9	Environmental Science	2	9	Python Programming	1
	Total	20		Total	17
Second Year					
Semester - III			Semester - IV		
S. No.	Course	Credits	S. No.	Course	Credits
1	Probability and Statistics	3	1	Complex Variables and Transforms	4
2	Discrete Mathematics	3	2	Computer Organization and Architecture	3
3	Technical Communication	1	3	Design and Analysis of Algorithms	3
4	Principles of Economics and Management	3	4	Database Management Systems	3
5	Digital Logic Design	3	5	Microprocessor and Microcontroller	4
6	Data Structures and Algorithms	4	6	Theoretical Computer Science	3
7	Computer Networks	3	7	Web Programming	3
8	Data Extraction and Processing	2	8	Object Oriented Programming through JAVA	1
9	Community Service	0			
	Total	22		Total	24
Third Year					
Semester - V			Semester - VI		
S. No.	Course	Credits	S. No.	Course	Credits
1	Software Engineering	3	1	Cyber Security	3
2	Artificial Intelligence	3	2	Distributed Computing	3
3	Image and Video Processing	3	3	Machine Learning	3
4	Operating Systems	3	4	Department Elective II	3
5	Department Elective I	3	5	Department Elective III	3
6	Open Elective I	3	6	Open Elective III	3
7	Open Elective II	3	7	Open Elective IV	3
			8	Interpersonal Skills	1
	Total	21		Total	22
Fourth Year					
Semester - VII			Semester - VIII		
S. No.	Course	Credits	S. No.	Course	Credits
1	Cloud Computing	3	1	Department Elective - VI	3
2	Department Elective IV	3	2	Capstone Project	5
3	Department Elective V	3			
4	Open Elective V	3			
5	Technical Internship	4			
	Total	16		Total	8
S. No.	Management Subjects	Credits	S. No.	Management Subjects	Credits
1	Business Statistics	2	1	Business Analytics	3
2	Operations Management	3	2	Logistics and Supplychain Management	2
3	Quantitative Techniques	2	3	Financial Management	3

4	Financial Accounting and Analysis	3	4	B2B Marketing	2
5	Marketing Management	3	5	Contract, Competition and Consumer Laws	1
6	Macroeconomics	2	6	Organizational Behaviour	2
7	Spreadsheet Modelling	1	7	Business Research Methods	2
			8	Personal Skills for Business	2
			9	Information System Management	2
	Total	16		Total	19
Fifth Year					
Semester – IX			Semester - X		
S. No.	Course	Credits	S. No.	Course	Credits
	Compulsory Subjects			Compulsory Subjects	
1	Human Resource Management	2	1	Strategic Management	3
2	Management of Technology and Innovation	2	2	Sustainable Business Management Practices	2
3	Business Communication	2	3	Entrepreneurship	2
4	Elective- 1	2	4	Elective- 5	2
5	Elective- 2	2	5	Elective- 6	2
6	Elective- 3	2	6	Elective- 7	2
7	Elective- 4	2	7	Elective- 8	2
	Total	14		Total	15
Value Added Course	Management Internship Programme -16 weeks	12			
		26			
	Total number of Courses	87			
	Total Credits for the Programme	226			

Course Structure for B Tech Computer Engineering Programme (Batch 2024-28)					
First Year					
Semester – I			Semester - II		
S. No.	Course	Credits	S. No.	Course	Credits
1	Calculus	4	1	Linear Algebra and Differential Equations	4
2	Physics	4	2	Quantum and Statistical Physics	3
3	Elements of Biology	3	3	English Communication	1
4	Programming for Problem Solving	4	4	Basic Electrical and Electronics Engineering	3
5	Engineering Graphics and Design	3	5	Management Accounting for Engineers	2
6	Professional Ethics	1	6	Environmental Science	2
7	Constitution of India	0	7	Digital Manufacturing Laboratory	1
8	Critical Thinking	0	8	Electrical and Electronics Workshop	1
			9	Design Thinking	0
			10	Python Programming	1
	Total	19		Total	18
Second Year					
Semester – III			Semester - IV		
S. No.	Course	Credits	S. No.	Course	Credits
1	Probability and Statistics	3	1	Complex Variables and Transforms	4
2	Discrete Mathematics	3	2	Computer Organization and Architecture	3
3	Technical Communication	1	3	Design and Analysis of Algorithms	3
4	Principles of Economics and Management	3	4	Database Management Systems	3
5	Digital Logic Design	3	5	Microprocessor and Microcontroller	4
6	Data Structures and Algorithms	4	6	Theoretical Computer Science	3
7	Computer Networks	3	7	Web Programming	3
8	Data Extraction and Processing	2	8	Object Oriented Programming through JAVA	1
9	Community Service	0			
	Total	22		Total	24
Third Year					
Semester – V			Semester - VI		
S. No.	Course	Credits	S. No.	Course	Credits
1	Software Engineering	3	1	Cyber Security	3
2	Artificial Intelligence	3	2	Distributed Computing	3
3	Image and Video Processing	3	3	Machine Learning	3
4	Operating Systems	3	4	Department Elective II	3
5	Department Elective I	3	5	Department Elective III	3
6	Open Elective I	3	6	Open Elective III	3
7	Open Elective II	3	7	Open Elective IV	3
			8	Interpersonal Skills	1
	Total	21		Total	22
Fourth Year					
Semester – VII			Semester - VIII		
S. No.	Course	Credits	S. No.	Course	Credits
1	Cloud Computing	3	1	Project	10
2	Department Elective IV	3			
3	Department Elective V	3			
4	Department Elective VI	3			
5	Open Elective V	3			
6	Capstone Project	4			
	Total	19		Total	10
Total number of Courses		57			
Total Credits for the Programme		155			

Artificial Intelligence Department

Vision

Play a significant role in nurturing young engineering graduates with sound technical and ethical skills to cater to the needs of fast-growing multidisciplinary application areas of artificial intelligence to address industrial and societal needs both at national and international level.

Mission

1. To focus on efforts to create comprehensive curriculum to ensure multifaceted development of students to address challenges in application areas of Artificial Intelligence such as healthcare, education, agriculture, smart cities, infrastructure, including mobility and transportation.
2. To build a strong teaching and research environment fostering strong analytical and problem-solving skills to prepare students to excel in higher education, research or technical/ managerial profession.
3. To promote project-based learning by providing opportunity to work on real life challenging problems through collaborative projects with industry and academia.

Programme Educational Objectives (PEO)

- D. **Technical Growth** - Graduates will be successful in modern engineering practice and entrepreneurship, integrate into the local and global workforce, and contribute to the economy of India.
- E. **Professional Skills**-Graduates will continue to acquire and demonstrate the professional skills necessary to be competent employees, assume leadership roles, and enjoy career success and satisfaction.
- F. **Professional Attitude and Citizenship**-Graduates will become productive citizens demonstrating high ethical and professional standards, make sound engineering or managerial decisions, and have enthusiasm for the profession and professional growth.

Student Outcomes (SOs)

Graduates of the B Tech in Artificial Intelligence program will have an ability to:

1. Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. Communicate effectively with a range of audiences.
4. Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. Acquire and apply new knowledge as needed, using appropriate learning strategies.

Data Science Department

Vision

Play a distinct role in providing excellence in Data Science, Artificial Intelligence, Machine Learning and Management fundamentals and concepts using scientific methods, processes, algorithms and systems to extract knowledge and insights, thereby creating human resources of value to industry and society both at national and international level.

Mission

4. To prepare human resource in the areas of technical and management domains with strong analytical aptitude and problem-solving skills to meet the contemporary Business Analytics demands of the industry and society by delivering relevant curriculum, using the state-of-the-art pedagogical innovations developed by strong industry linkages, and undertake relevant research and consultancy.
5. Ensure multifaceted development of students, faculty and staff in computational sciences to Work on real life challenging problems through continuous introspection and inputs.
6. Set up the international linkages with Institutes/Industry of repute.

Program Educational Objectives (PEOs)

The Program Educational Objectives of B. Tech Data Science, B. Tech Integrated (Data Science), MBA Tech Data Science, M. Tech Data Science (Business Analytics) and M. Tech Artificial Intelligence Programs are to produce graduates and post graduates with the following objectives:

- A. Establish themselves as Data Scientists, Data Engineers, Artificial Intelligence and Machine Learning Engineers and Subject Matter Experts in various private and public sectors that are involved in the design, creation, maintenance and use of industrial and organization data and help nation building
- B. Solve real world problems by applying knowledge ethically that will benefit organizations and society at large.
- C. Adapt to changing trends in Data Science, Business Analytics, Artificial Intelligence and Machine Learning and become lifelong learners.

Student Outcomes (SOs)

1. Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. Communicate effectively with a range of audiences.
4. Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. Acquire and apply new knowledge as needed, using appropriate learning strategies.

Course structure for B Tech Artificial Intelligence and Data Science (Batch 2024-28)					
Year of the Programme: First Year (Academic Year 2024-25)					
Semester - I			Semester - II		
S. No.	Course	Credits	S. No.	Course	Credits
1	Calculus	4	1	Linear Algebra and Differential Equations	4
2	Physics	4	2	Probability and Random variables	3
3	Engineering Graphics and Design	3	3	Elements of Biology	3
4	English Communication	1	4	Basic Electrical and Electronics Engineering	3
5	Programming for Problem Solving	4	5	Principles of Economics and Management	3
6	Environmental Science	2	6	Python Programming	1
7	Critical Thinking	0	7	Digital Manufacturing Laboratory	1
8	Constitution of India	0	8	Electrical and Electronics Workshop	1
			9	Professional Ethics	1
			10	Design Thinking	0
Total		18	Total		20
Year of the Programme: Second Year (Academic Year 2025-26)					
Semester - III			Semester - IV		
S. No.	Course	Credits	S. No.	Course	Credits
1	Discrete Mathematics	3	1	Signal and Image Processing	4
2	Random Processes and Estimation Techniques	4	2	Database Management Systems	3
3	Data Wrangling	3	3	Machine Learning	4
4	Statistical Methods	3	4	Artificial Intelligence	3
5	Operating Systems	3	5	Optimization Techniques	3
6	Data Structures and Algorithms	4	6	Management Accounting for Engineers	2
7	Technical Communication	1	7	Integral Transforms	3
8	Community Service	0			
Total		21	Total		22
Year of the Programme: Third Year (Academic Year 2026-27)					
Semester - V			Semester - VI		
S. No.	Course	Credits	S. No.	Course	Credits
1	Computer Networks	3	1	Computer Vision	3
2	Data Handling and Visualization	2	2	Deep Learning	3
3	Mobile Application Development	3	3	Agile Product Development with DevOps	3
4	Department Elective - I	3	4	Department Elective - III	3
5	Department Elective - II	3	5	Department Elective - IV	3
6	Open Elective - I	3	6	Open Elective - III	3
7	Open Elective - II	3	7	Open Elective - IV	3
			8	Interpersonal Skills	1
Total		20	Total		22
Year of the Programme: Fourth Year (Academic Year 2027-28)					
Semester - VII			Semester - VIII		
S. No.	Course	Credits	S. No.	Course	Credits
1	Applied Time Series Analysis	3	1	Project	10
2	Natural Language Processing	3			
3	Big Data Analytics	3			
4	Department Elective - V	3			
5	Department Elective - VI	3			
6	Open Elective - V	3			
7	Capstone Project	4			
Total		22	Total		10
Total number of Courses		56	Total Credits for the Programme		155

16. Approved Academic Calendar of all programs

SVKM's NMIMS
Academic Calendar for the Academic Year: 2024-2025

School Name: Mukesh Patel School of Technology Management & Engineering, Campus: Mumbai, Shirpur

School Name: School of Technology Management & Engineering, Campus: Navi Mumbai, Indore, Chandigarh, Hyderabad

Program Names: MBA Tech, B Tech, B Tech (Int), MCA and M Tech

	All Programs (Year 1 - 6)		MBA Tech (year 5 only)	
	Start Date	End Date	Start Date	End Date
Odd Semester / Term I				
Commencement of Term	July 15, 2024	November 16, 2024	September 16, 2024	December 7, 2024
Mid Term Test I	August 19, 2024	August 24, 2024	October 7, 2024	October 12, 2024
Mid Term Test II	October 7, 2024	October 12, 2024	November 18, 2024	November 23, 2024
Term End Exam	November 25, 2024	December 11, 2024	December 11, 2024	December 21, 2024
Re-exam	February 13, 2025	February 25, 2025	February 13, 2025	February 25, 2025
Diwali Vacation	October 28, 2024	November 3, 2024	October 28, 2024	November 3, 2024
Even Semester / Term II				
Commencement of Term	January 2, 2025	April 21, 2025	January 2, 2025	April 21, 2025
Mid Term Test I	February 3, 2025	February 8, 2025	February 3, 2025	February 8, 2025
Mid Term Test II	March 17, 2025	March 22, 2025	March 17, 2025	March 22, 2025
Term End Exam	April 28, 2025	May 13, 2025	April 28, 2025	May 13, 2025
Re-exam	July 1, 2025	July 11, 2025	July 1, 2025	July 11, 2025
Winter Vacation	December 26, 2024	January 1, 2025	December 26, 2024	January 1, 2025
Commencement of next Academic year (AY 2025-26)			July 14, 2025	


Dean MPSTME

*Dates are subject to change if required.

14-Jan-24	Sunday				Sankranti/Pongal				
7-Jul-24	Sunday						1	Rath Yatra	

Classes/ Lectures will be conducted, if required (except on the National Holidays i.e. January 26, August 15, May 01 & October 02) Note: For Employees whose weekly off is other than Sunday.

All those employees who are having weekly off other than Sunday and if the Holiday falls on Sunday not declared by the University then their w/o will be considered as Sunday for that week.

18. People you should know

School Administration

Sr. No	Name	Email ID / Contact Nos.	Details
1.	Dr. Preeti Gupta	preeti.gupta@nmims.edu / 022-3547 6776	Programme Chairperson, STME, NMIMS, Navi Mumbai
2.	Prof. Aditya Kasar	Aditya.Kasar@nmims.edu / 022-3547 6561	Faculty In-charge, MBA Tech. (Comp.), NMIMS, Navi Mumbai
3.	Prof. Asha Rawat	asha.rawat@nmims.edu / 022-3547 6773	Faculty In-charge, B. Tech. Programme, STME, NMIMS, Navi Mumbai
4.	Prof. Divyang Jadav	Divyang.Jadav@nmims.edu / 022-3547 6763	Faculty In-charge, First Year Programme., STME, NMIMS, Navi Mumbai
5.	Ms. Anupriya Sharma	Anupriya.Sharma@nmims.edu / 022-3547 6601	Deputy Registrar, Academics, NMIMS, Navi Mumbai
6.	Mr. Hitesh Gunjal	Hitesh.Gunjal@nmims.edu / 022-3547 6603	Coordinator, Academic Office, NMIMS, Navi Mumbai
7.	Ms. Kavita Kadam	Kavita.Kadam@nmims.edu / 022-3457 6580	Deputy Director, Placement, NMIMS, Navi Mumbai
8.	Mr. Akash Shrivastava	Akash.Shrivastava@nmims.edu / 022-3547 6587	Assistant Director, NMIMS, Navi Mumbai
9.	Mr. Sohel Kazi	sohel.kazi@nmims.edu / 022- 3547 6583	Placement Coordinator, NMIMS, Navi Mumbai
10.	Ms. Amruta Kashelkar	Amruta.Kashelkar@nmims.edu / 022-3547 6871	Assistant Librarian, NMIMS, Navi Mumbai
11.	Ms. Vishakha Ramgir	vishakha.ramgir@nmims.edu / 022-3547 6872	Library Assistant, NMIMS, Navi Mumbai
12.	Mr. Amey Pawaskar	amey.pawaskar@nmims.edu / 022-3547 6579	Administration Officer, NMIMS, Navi Mumbai
13.	Ms. Karuna Garud	Karuna.Garud@nmims.edu / 022-3547 6600	Assistant Registrar, Examination, NMIMS, Navi Mumbai
14.	Mr. Kiran Patil	Kiran.Patil2@nmims.edu / 022-3547 6607	IT Project & Network Engineer, NMIMS, Navi Mumbai
15.	Ms. Deepti Patil	Deepti.Patil@nmims.edu / 022-3547 6576	Accountant, NMIMS, Navi Mumbai

NMIMS INFOLINE (for Navi Mumbai Campus)

Agency	Number
Police	
Police Help Line	100
Kharghar Police station	022- 2774 2500
Traffic Help Line	022 - 77383 93839
Fire Brigade	
Fire Brigade Help Line	101
Ambulance	102/ 1062/ 1051 / 105711/ 1062/ 108
Hospitals	
Fortis Hospital	080- 6621 4444, 96633 67253
Vijayashree Hospitals	080- 4906 8888