

SVKM's NMIMS (Deemed to be University)

Ph.D. Engineering and Technology Management (Full-time) - (Batch-2026)-Round 2

Instruction Sheet

1. Introduction:

The MPSTME PhD program has been designed with the objective of strengthening and supporting research culture among research scholars. They are encouraged to develop adequate depth in the subject area. Emphasis is laid on interdisciplinary research. Research Scholars are encouraged to pursue interdisciplinary research and propose and develop solutions to real-life issues. The institute supports students in gaining knowledge and developing the right attitude and skills to do world-class research.

Experienced, dedicated supervisors with a wide range of research skills assist in achieving the above goals. Needless to mention that MPSTME Supervisors and Research Scholars have published papers in reputed journals with high impact factor.

Progress of the work done by research scholars is monitored by leading academicians and experts from the industries. Frequent monitoring of progress in research work and participation in quality publications ensures regular, timely, and quality research.

The institute has MoUs with various Hospitals and Research centers. Additionally, research scholars get options to choose collaborative research. A state-of-the-art AI lab with high-end processors with GPUs is available to encourage research in the latest cutting technology.

The emphases have been given to the latest developments in industry wherein expertise is required. Steps have been taken to further strengthen the present system in the country while framing the syllabus of coursework.

2. Duration of the Programme: Minimum 03 years including coursework & maximum 06 years

3. Intake:

Sr No	Specialization	Eligibility	Campus	Domain	Seats
1	Electronics & Telecommunication Engineering	Masters degree in Computer, Information Technology, Electronics,	Mumbai	• Wireless networks • Signal Processing • Very Large Scale Integration • Internet of Things	5

		Electronics & Telecommunication Engineering, Electrical, Mechatronics			
2	Computer Engineering and allied specializations	Masters degree in Computer, Information Technology, Electronics, Electronics & Telecommunication Engineering, Electrical, Mechatronics	Mumbai	• Deep fake detection • Green AI and Sustainability • AI in healthcare • Software Engineering • Generative AI • Devops • Secure computing • Cloud security • Business Intelligence • Computer Vision • AI for Cryptography • Quantum Computing • Deep Learning • Blockchain • Cyber Security • Natural Language Processing • Explainable AI • Fintech • Digital finance	74
			Shirpur	• Autonomous drones • Precision agriculture • Data mining • Generative AI • AI in manufacturing • Algorithms & Theory • Explainable AI • Data privacy and security • Computer vision • Cybersecurity • Quantum Computing • Embedded & IoT Systems • Image Processing • Information Security • Blockchain Technology • Supply chain management	28
			Navi Mumbai	• Computational linguistics • Nature-inspired computing • Generative AI • Natural Language Processing • Metaheuristic algorithms & Nature Inspired Computing	28

				● Computer Vision ● Data Analytics	
			Indore	● Artificial Neural Networks ● Renewable energy ● Smart grid ● Software Engineering ● Big Data ● Cloud Computing ● Generative AI ● Large Language Models ● Natural Language Processing ● Blockchain Technology ● Cyber Security ● Internet of Things	18
			Chandigarh	● Wireless communication networks ● Cloud Computing ● Health Informatics ● Metaheuristic Algorithms ● Data mining ● Medical Informatics ● Blockchain Technology ● Generative AI ● Natural Language Processing ● Machine & Deep Learning	15
			Hyderabad	● Wireless networks ● AI Safety ● Natural Language Processing ● AI and ML in Healthcare ● Cloud Computing ● Agentic AI ● Speech Processing ● Emotional Intelligence ● Wearable Sensors	10
	Total				173
5	Civil Engineering	Masters degree in Civil Engineering, Construction	Mumbai	● Water Resources ● Structural Engineering ● Geotechnical Engineering ● Earth Science ● Construction Management	5
6	Mechanical Engineering and Mechatronics Engineering	Masters degree in Mechanical, Production, Mechatronics,	Mumbai	● Manufacturing and Remanufacturing ● Metal Matrix Composite Materials	18

		Automobile, Automation, Robotics Engineering		● Additive Manufacturing ● Solar Thermal Systems, Alternative Fuels in I C Engines, Hydrogen Storage and Combustion ● Thermal Energy Storage, Sustainable Energy Technologies ● Design and Development of Adsorption Tank for Refrigeration and Heat Pump Application ● Mathematical Modelling & Optimization in Manufacturing Systems ● Robotics, Autonomous Systems & Spatial Computing ● Thermal Modeling and Heat Transfer Analysis of Manufacturing Processes, Energy Engineering and Management, Applied Heat Transfer. ● Micro-Manufacturing ● Composite Materials	
			Chandigarh	● Thermal Engineering ● Surface engineering ● Optimization techniques	4
Total					22
9	Technology Management	Master's degree in any of the following: ● Business Management (provided Bachelor's degree in any branch of Engineering) ● Computer Applications ● Electronics and Telecommunication Engineering ● Computer Engineering	Mumbai	● Digital Finance, Corporate Governance, Fintech, Digital Business, Behavioral Finance, Financial Economics, AI in Finance, Digital Economy ● Martech, Consumer Behaviour, Brand Management, Digital Marketing, AI in Marketing ● Economics and Management ● HR & Organizational Behaviour - Workplace Wellbeing, Diversity & Inclusion, and Sustainable	54

		● Information Technology ● Civil Engineering ● Mechanical Engineering ● Chemical ● Or allied branches		Management, People Analytics, AI-Driven HRM & People Analytics ● Digital Transformation, Human-Machine Collaboration, Digital Stress, Mental Health & Well-being ● Learning, Re-Skilling and Hyper-Personalized Training ● Ethics, Governance & Dharma Based AI, Knowledge Management in the Digital era ● Supply chain & Logistics-Energy Conservation and Optimization, Sustainable Business Management, Operations and Supply Chain Management, and Logistics Management ● Business Intelligence & Analytics, Information Systems Management	
			Indore	● Financial Markets ● Financial Econometrics ● Asset Pricing ● International Finance ● General Management ● Marketing	2
Total					56
10	Applied Physics	Masters degree in Physics	Mumbai	● Sustainable energy conversion and storage ● Quantum and Statistical Physics ● Theoretical Condensed Matter Physics ● Material Science	6
			Indore	● Computational Atomic Physics ● Theoretical Atomic Physics ● Relativistic Electron Scattering	2
			Chandigarh	● General Relativity and Cosmology ● Mathematical Physics ● Nanomaterials	8

				● Nanotechnology ● Metal matrix composites ● Tribology	
Total					16
11	Applied Mathematics	Masters degree in Applied Mathematics	Mumbai	● Integral Transforms ● Computational Fluid Dynamics	6
			Indore	● Nonlinear Dynamics, Chaos and Synchronization ● Mathematical Modelling, Nonlinear Waves, Hyperbolic PDEs ● Statistical learning and predictive analytics ● Healthcare Analytics	3
			Chandigarh	● Numerical Solutions of Differential Equations	3
			Hyderabad	● Numerical Analysis, Differential Equations, Discrete Mathematics, Statistics ● Mathematical Fluid Dynamics ● Scientific Computing using Physics-Informed Neural Networks ● Semi-analytical Methods	4
			Navi Mumbai	● Thermoelasticity ● Heat Conduction ● Solid Mechanics ● Integral transforms	6
	Total				22
12	Applied Chemistry	Masters degree in Chemistry	Mumbai	● Organic Chemistry ● Green and Sustainable Chemistry	2
	Biology	Master's in Bio Tech/Microbiology / M Tech Bio Tech	Mumbai	● Green Technology	4
	Humanities and Social Sciences	Master's degree in English	Mumbai	● Disability studies ● Mythological Fiction ● Indian literatures and spatiality ● Literature and culture Studies, Medical humanities	7

				• Poetry • Science fiction studies • Communication studies	
			Indore	• Gender/ Women's Studies • Autobiographical Literature and Post- Colonial Studies • Cultural Studies	3
				Total	10
				Grand Total	310

4. Eligibility:

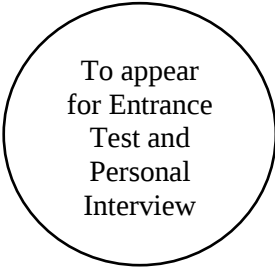
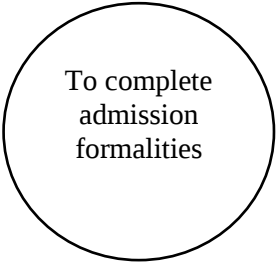
Candidates who have successfully completed: A 1-year/2-semester master's degree programme after 4 year/8 semester undergraduate degree or a 2-year/4-semester master's degree programme, after 3 year bachelor's degree programme or qualifications declared equivalent to the master's degree by corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in point scale wherever grading system is followed. OR an equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of educational institution. Further relaxation will be provided as per UGC norms.

Note:

- Candidates appearing or waiting for the final year result are eligible to apply. The candidate must have appeared for all his subject(s) / exams before the commencement of the program. However, their admission would be considered provisional, subject to their meeting the minimum eligibility criteria after their final examination results are announced.
- Candidates whose final mark sheet of the qualifying examination is not available at the time of their provisional admission are required to submit their final marksheet copy as soon as the result is declared. In such a case, if the candidate fails to meet the required eligibility criteria, then his/her admission will be cancelled, and the fees will be refunded as per NMIMS refund rules.
- Candidates are required to submit mark sheets of all degrees, degree certificates and AIU certificate (by the candidate who has completed their studies at foreign country) at the time of admission.

- Candidates who have obtained their degree by doing a part-time course or through distance learning, correspondence courses, externally, or open school from a recognized University are eligible to apply and register as per UGC guidelines.
- All admitted students will have to complete Ph. D. coursework as prescribed by the SVKM's NMIMS (Deemed to be University). On successful completion of Ph.D. course work student will be eligible for registration for the Ph.D. programme.

Admission process:

Ph.D. in Engineering and Technology Management			
Step 1	Step 2	Step 3	Step 4
 Initial Registration, Pay the application fees and complete the process	 Download call letter & Upload required documents	 To appear for Entrance Test and Personal Interview	 To complete admission formalities
• Visit www.nmims.edu • For registration, click on “Apply Now” and create an account. • Candidates will get the registration number on their registered email ID to fill and complete the application form. • Before filling the online form, please read all the instructions carefully mentioned in the instruction handout, important dates, and Terms & Conditions given in the online application form.	• Only candidates who register successfully will be confirmed for the Entrance Test & Personal Interview. • Candidates are required to download the call letter from the login dashboard. No separate call letter will be mailed or posted. • Upload the mentioned documents for the Entrance Test & Personal Interview.	• The Entrance Test and Personal Interview will be held at Mumbai Campus only.	• Selected candidates have to confirm his / her provisional admission by filling up the e-admission form, uploading required documents, and paying fees within the given timeline. • Only those candidates who complete the process by paying fees will be provisionally admitted to the program.

5. Online registration & Payment of Registration Fees:

- Online registration available at www.nmims.edu
- Registration fee is non-refundable / non-transferable.
- Online Registration Fee of Rs. 2,500/- plus GST if applicable (Please refer to online registration for payment details)
- Before filling the online registration form, please read all the instructions carefully mentioned in the instruction sheet, important dates, and Terms & Conditions given in the online application form.

6. Selection Process: Entrance Test & personal interview

- a) **Entrance Test:** (100 marks, 90 minutes), will be conducted at Mumbai campus only.

Section A: 50% Research methodology

Section B: 50% Area / Domain Specific

The candidate must have qualified the written test with qualifying marks as 50% conducted by SVKM's NMIMS Deemed to be University. Only entrance test-qualified candidates will be called for a personal interview.

Note: Candidates who have qualified (with valid period & valid score) in NET / SET / GATE / GPAT / JRF examination of the apex bodies in higher / technical professional education such as UGC, CSIR, ICMR or other equivalent examinations mentioned on the score card, such candidates are exempted from the NMIMS entrance test. However, they have to appear for a Personal Interview.

- b) **Personal Interview:**

- Presentation based on Statement of Purpose will be followed by Personal Interview.
- During interviews, candidates are expected to discuss their research interest/area.
- Final merit list will be based on entrance test & personal interview marks.

c) Weightage

- Entrance Test: 100 marks (70%)
- Personal Interview: 50 marks (30%)

7. Program Fees:

Effective fees for all Ph.D. students will be Rs. 50,000/- p.a.

Annual fees: Rs. 2,50,000/-

Annual Scholarship: Rs. 2,00,000/-

Scholarship form is available on the website:

<https://engineering.nmims.edu/academics/programmes/phd/>

The duly filled scholarship form (hard copy) should be submitted at the following address along with a copy of the registration form, a copy of the SOP, complete resume, admission form, and the admission offer letter copy (which is available on the student's dashboard):

Mukesh Patel School of Technology Management & Engineering
SVKM's Narsee Monjee Institute of Management Studies, V. L. Mehta Road, Vile
Parle (W), Mumbai – 400 056, India.

Note:

- Scholarship will be provided for up to 05 years or completion of the PhD program, whichever is earlier.
- If the student is found indulging in any unlawful activity, the scholarship will stand cancelled with immediate effect.
- PhD student will not be entitled to avail the scholarship if he/she re-registers for PhD or takes re-admission for the PhD program.

8. Fellowship: Fellowship will be provided to full-time PhD students in line with UGC.

Fellowship duration and amount: The fellowship is for a fixed period/ tenure of 2-3 years for Junior Research Fellow (JRF) and a maximum of 3 years for Senior Research Fellow (SRF). The maximum total duration of the fellowship is 5 years. The JRF amount will be INR 37,000 + HRA per month and the SRF amount will be INR 42,000 + HRA per month. The fellow will not be entitled to HRA if he/she utilizes the hostel facility provided by SVKM's NMIMS. Additionally, a contingency grant of INR 30,000/ year will be provided to the JRF and INR 60,000/ year will be provided to the SRF on the reimbursement basis.

9. Refund rules: Details will be shared at the time of admission

10. Important Instructions:

- Candidate has to check the website for all details. Please check the important dates. All announcements from the SVKM's NMIMS (Deemed to be University) will be through its website www.nmims.edu
- For cancellation/ withdrawal of admission: Withdrawal/cancellation means voluntary withdrawal/cancellation by the candidate for any reason. The candidate has to upload cancellation form duly filled and signed, fees paid receipt copy & cancelled cheque (personal account) to the mentioned link: <https://upload.nmims.edu/admission/cancellation/>
- The candidate who is pursuing PhD at SVKM's NMIMS (Deemed to be University), should not take PG / PhD admission in any other University.
- If at any stage, it is found that a candidate does not satisfy the eligibility criteria or the information furnished by him/ her in the application form is incorrect, his/her application for admission to the program, even if selected, will stand cancelled, and fees will be refunded as per the refund rule clause. Candidates' admission will be canceled by the university if they do not voluntarily withdraw.
- Candidate's document/s will be verified at the time of admission (if selected), and if found not eligible, admission will be cancelled, and fees will be refunded as per SVKM's NMIMS (Deemed to be University) refund policy.
- It is the sole responsibility of the candidate to ascertain whether they possess the necessary and requisite qualifications for admission at SVKM's NMIMS (Deemed to be University), as verification of the documents is done at the time of final admission.
- SVKM's NMIMS (Deemed to be University) has the full right to disqualify a candidate at any stage of the admission process if found ineligible.
- Candidates whose final mark sheet of the qualified examination is not available at the time of their provisional admission is required to submit their final marksheet copy as soon as the result declared. In such case, if the candidate fail to meet the required eligibility criteria then his/her admission will be cancelled and the fees will be refunded as per SVKM's NMIMS (Deemed to be University) refund rules.
- Admission to program is considered as **"Provisional Admission"** till the candidate submits all required and mandatory documents and the same are verified and approved. Suppose it is found that the candidate is not eligible at any stage (even after the course commencement).

In that case, admission will be cancelled and fees will be refunded as per refund rule clauses even if selected/ admitted to the program.

- The admission information handout's eligibility requirements will serve as the only document for program eligibility. The school's brochure or prospectus will only be used as a guide and not be used to refer to eligibility.
- Canvassing in any form will disqualify the candidate.
- All matters of dispute will be subject to the legal jurisdiction of Mumbai only.

11. Contact Information:

In case of any NMIMS Admission-related queries, contact:

- a) Toll-Free No.: 18001025138 – Monday to Friday (except public holidays), Saturday (only 2nd and 4th Saturday) Time: 09:00 - 18:00 hrs
- b) For any support and assistance, kindly log in to the dashboard <https://apply.nmims.edu> & raise a query in my query section.

SVKM's NMIMS (Deemed to be University)

Mukesh Patel School of Technology Management & Engineering-Batch 2026

Format for preparing SOP

Title: The Title of the proposed research topic should be concise (with a subtitle, if any), reflecting the scope of the investigation.

Aim of the proposed research topic: The broad aim of the proposed research topic, emphasizing the overall thrust of the proposed investigation, should be clearly mentioned.

Statement of the Problem: The problem to be investigated should be clearly contextualized in the theoretical framework of the discipline.

Overview of Literature: The problem identified should be logically linked to other studies on the theme in the literature delineating the need for the present investigation.

Conceptual Framework: The concepts to be used, their relevance and applicability to the study and their operationalization should be indicated.

Research Questions or Hypotheses: The research questions to be answered/ addressed need to be unequivocally stated.

Research Methodology:

- (a) **Coverage:** The proposal should clearly indicate the rationale/scope of the study, sampling frame, sampling methods, sampling size, units of observation, etc.
- (b) **Data Collection:** The proposal should indicate sources of data, types of data, tools and techniques for collection of various categories of proposed data.
- (c) **Data Analysis:** It should indicate the statistical techniques, if any, proposed to be used in data processing, specific packages for data analysis, content analysis, indices/scaling techniques proposed to be used, etc.

Implications: The proposal should state whether this research would bring forth any implications for policy-making either for the region concerned or the country, any methodological innovations, or contribute to theory building.

References: The proposal should include a 'List of References' mentioned in the text along with other important recent additions to the literature on the theme. The references should indicate the author, title, publisher, and year of publication.