SVKM's NMIMS Deemed-to-be University

Mukesh Patel School of Technology Management & Engineering

Ph.D. in Engineering & Technology Management (Fall – 2020 Batch)

Instruction Sheet

1. **Programmes & Specialisation:**

   - A full time/ part time PhD program
   - A few Teaching Assistantships will be available for candidates in the full time PhD programme.
   - Ph. D. is offered in the following domains:
     - Engineering**:** Electronics & Telecommunication, Computer, Information Technology, Civil Engineering, Earth Sciences / Geology, Mechanical Engineering, Applied Physics, Applied Chemistry, Applied Mathematics, and Chemical Engineering.
     - Technology Management

2. **Eligibility and Admission Criteria:**

   a. **Ph.D. (Engineering):**

   Candidates for admission to the Programme shall have a Master's degree (M.E./ M.Tech.) / (M.Phil / M. Sc. for Applied Physics, Applied Chemistry & Applied Mathematics). Minimum 2 years Programme or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree 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 for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.

   b. **Ph.D. (Technology Management):**

   Candidates for admission to the Programme shall have a Master's degree M.E. / M.Tech. / (MBA with B.E. / B.Tech.) (Minimum 2 years Program) / M.C.A. or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed) or an equivalent degree 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 for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.

Note:
- Candidates appearing or awaiting for final year result are **NOT ELIGIBLE** to apply. Candidates are required to submit marksheet at the time of admission.

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

3. **Duration of the Programme:** Minimum 3 including course work & Maximum 6 Years (full time)

4. **Intake: (for Fall 2020 Batch):**

Sr No	Department	Eligibility	Mumbai		Shirpur		Total
			Specialization	Seats	Specialization	Seats	
1	Electronics & Telecommunication Engineering	Masters degree in Computer, Information Technology, Electronics, Electronics & Telecommunication Engineering, Electrical, Mechatronics.	• Biomedical Engineering • Power Electronics and Renewable Energy • Control and Communication Engineering • Signal Processing • Soft Computing	6	Nil	Nil	6
2	Computer Engineering	Masters degree in Computer, Information Technology, Electronics, Electronics & Telecommunication Engineering, Electrical, Mechatronics.	• Networking, Blockchain and Distributed Computing	1	Artificial Intelligence and Machine Learning	1	2
3	Information Technology	Masters degree in Computer, Information Technology, Electronics, Electronics & Telecommunication Engineering, Electrical, Mechatronics.	• Web Mining and Data Analytics • Wireless Sensor Networks • Smart Grid Communications	3	Nil	Nil	3
4	Civil Engineering	Masters degree in Civil Engineering, Construction.	• Water resources Engineering • Geotechnical Engineering • Structural Geology and Geotectonic	5	Structural Engineering	2	7
6	Mechanical Engineering	Masters degree in Mechanical, Production, Mechatronics, Automobile, Automation, Robotics Engineering, Textile Machinery.	• Sustainable Development, Remanufacturing, Manufacturing Engineering • Thermal Engineering • Supply Chain Management • Vibration	3	• Thermal Engineering • Material Engineering	2	5

7	Applied Physics	• M.Phil. or Masters degree in Applied Physics	• Graphene nanostructure • Material Science	3	Non Linear optics	1	4
8	Chemistry	• M.Phil. or Masters degree in Applied Chemistry	• Surfactant development • synthesis of fine chemicals • Sustainable process development • Catalysis and Material research • Green chemistry	2	Inorganic and Nano chemistry	1	3
9	Mathematics	• M.Phil. or Masters degree in Applied Mathematics	• Integral transforms and special functions • Computational fluid dynamics • Fractal Geometry , Discrete Mathematics	2	Fluid Dynamics	1	3
10	Textile	• Masters degree in Mechanical, Production, Mechatronics, Automobile, Automation, Robotics Engineering.	-	-	Textile Technology	2	2
11	Technology Management	*Masters 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 • Information Technology • Civil Engineering • Mechanical Engineering • Chemical • Or allied branches	• Technology and Innovation Management, Emerging Technologies in Business & Management, Blockchain • Financial Markets and Risk Management, Corporate Finance • Operations Management • Green Supply Chain Management • Energy Management • Transportation Economics	3	• Management • Strategy Marketing • Entrepreneurship	2	5
			Total	**28**		**12**	**40**

5. **Online registration & Payment of registration fee:**

Online registration:

- Visit www.nmims.edu for online registration

- Before filling the online form, please read all the instruction carefully mentioned in instruction sheet, important dates and also Terms & Condition given in online application form.

Payment of Registration fee:

- Pay registration fee of Rs 1,500/- (Non-refundable). (Please refer online registration for payment details.)
- Registration fee is **NON REFUNDABLE**
- On the basis of information indicated in the Application Form, call letter for Test / personal interview will be communicated to the candidate as per important dates through the NMIMS website.

- Call letter of written test will be sent to Candidate's registered e-mail ID. Only successive candidates of written test will be called for further Personal Interview.
- NET / SET candidates will be called directly for Personal Interview only.
- Candidate will not be permitted to join the admission process unless he / she send the SOP with the necessary required documents. The candidate is requested to send their SOP & Presentation at MPSTME.SOP@NMIMS.edu from their registered e-mail ID. Subject line should have contained their Registration Number & Full name. Candidate is allowed to submit their SOP / Presentation at one time only, no up-dation / revision / re-submission will be allowed. The last date of SOP/Presentation submission is 7th July 2020 till 12 noon.

6. **Selection Process:** Written Test & Personal Interview

   A) **Written Test (Time: 50 minutes / Total: 50 Marks), will be conducted through online platform.**

      Section A: 50% of Research Methodology

      Section B: 50% Area / Domain Specific

      The candidate must have qualified written test with qualifying marks as 50% conducted by the NMIMS University.

      NOTE: The candidate qualified in UGC-NET (including JRF) / UGC-CSIR NET (including JRF) / SLET / GATE / Teacher Fellowship holder or have passed M.Phil. program are exempted from NMIMS entrance test. However, they have to appear for Personal Interview.

   B) **Personal Interview (Total 50 Marks), will be conducted through online platform.**

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

7. **Fees:**

   Fees for 2019-2020 for first year (for information only): Rs. 90,000/- p.a.

   Fees for current year/batch will be intimated at the time of admission.

8. **Refund Rules:** The Schedule of refund of fees will be as follows as per UGC rule October 2018.

   If a student chooses to withdraw from the program of study in which he / she is enrolled, the institution concerned shall follow the following five-tier system for the refund of fees remitted by the student.

Sr. No.	Percentage of Refund of Aggregate fees	Point of time when notice of withdrawal of admission is served to HEI

(1)	100%	15 days or more before the formally-notified last date of admission (on or before 25th July 2020)
(2)	90%	Less than 15 days before the formally-notified last date of admission. (i.e. from 26th July 2020 to 10th August 2020)
(3)	80%	15 days or less after the formally-notified last date of admission (i.e from 11th August 2020 to 25th August 2020)
(4)	50%	30 days or less, but more than 15 days, after formally-notified last date of admission (i.e from 26th August to 9th September 2020)
(5)	00%	More than 30 days after formally-notified last date of admission (i.e. 10th September 2020 onwards)

In case of (1) in the table above, the deduction will be 5% of the fees paid as processing charges from the refundable amount, subject to a maximum of Rs 5,000/-.

Note: The above refund rules are subject to revision as per UGC notification (as applicable).

Candidates to refer Important Dates of the respective programme.

9. **Important Instructions:**

- Please see the important dates and preserve it as a guide. All announcements from the University will be through its website www.nmims.edu and there will be no separate mail sent.

- It is the sole responsibility of the candidate to check whether he / she is eligible for the program as per the eligibility criteria stated above.

- AIU certificate is mandatory for those candidates who have completed their Post-graduation from overseas Universities

- **For cancellation/ withdrawal of admission:** Withdrawal / cancellation means voluntary withdrawal / cancellation by candidate for any reason. Candidate should email at **admissioncancellation@nmims.edu**, the soft copy of admission cancellation form duly filled and signed (form available on www.nmims.edu & https://www.nmims.edu/students/, fee paid receipt copy & cancelled cheque (personal account only).

- Canvassing in any form will disqualify the candidate.

- If at any stage, it is found that a candidate does not satisfy the eligibility criteria or the information furnished by him / her is incorrect, then application for the admission to the Program, even if selected and fees paid, will stand cancelled and fees will be forfeited.

- NMIMS has full right to disqualify a candidate at any stage of admission process if found ineligible.

- All disputes under Mumbai jurisdiction only.