

# **SVKM's NMIMS University**

## **Mukesh Patel School of Technology Management & Engineering**

### **Ph.D. in Engineering & Technology Management (Batch 2019)**

#### **Instruction Sheet**

#### **1. Programmes & Specialisation**

- Ph.D. Engineering: Electronics & Telecommunication, Computer, Information Technology, Civil Engineering, Earth Sciences / Geology, Mechanical Engineering, Applied Physics, Applied Chemistry, Applied Mathematics, and Textile.
- Ph.D. 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 2019 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.	<ul style="list-style-type: none"> <li>• Sensor Networks</li> <li>• Biomedical Engineering</li> <li>• Power Electronics and Renewable Energy</li> <li>• Controls and Communication Engineering</li> </ul>	5	Nil	Nil	5
2	Computer Engineering	Masters degree in Computer, Information Technology, Electronics, Electronics & Telecommunication Engineering, Electrical, Mechatronics.	<ul style="list-style-type: none"> <li>• Image and Video Processing</li> <li>• Distributed Computing</li> <li>• Blockchain</li> <li>• Networking</li> </ul>	4	AI and Machine Learning	2	6
3	Information Technology	Masters degree in Computer, Information Technology, Electronics, Electronics & Telecommunication Engineering, Electrical, Mechatronics.	<ul style="list-style-type: none"> <li>• Machine learning</li> </ul>	1	Nil	Nil	1
4	Civil Engineering	Masters degree in Civil Engineering, Construction.	<ul style="list-style-type: none"> <li>• Water resources</li> <li>• Structural Engineering</li> <li>• Engineering Geology</li> </ul>	3	Structural Engineering	2	5
5	Earth Sciences / Geology	Masters degree in Earth Sciences / Geology or Engineering Geology	<ul style="list-style-type: none"> <li>• Engineering Geology</li> </ul>	2	Nil	Nil	2
6	Mechanical Engineering	Masters degree in Mechanical, Production, Mechatronics, Automobile, Automation, Robotics Engineering, Textile Machinery.	<ul style="list-style-type: none"> <li>• Manufacturing and Design</li> <li>• Supply chain management</li> <li>• Thermal Engineering</li> </ul>	4	<ul style="list-style-type: none"> <li>• Thermal Engineering</li> <li>• Material Engineering</li> </ul>	2	6
7	Applied Physics	<ul style="list-style-type: none"> <li>• M.Phil. or Masters degree in Applied Physics</li> </ul>	<ul style="list-style-type: none"> <li>• Nanotechnology</li> <li>• Material Science</li> <li>• Plasma Physics</li> </ul>	3	Non Linear optics	1	4

8	Applied Chemistry	<ul style="list-style-type: none"> <li>• M.Phil. or Masters degree in Applied Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>• Process Development</li> <li>• Green Chemistry</li> </ul>	2	Inorganic and Nano chemistry	1	3
9	Applied Mathematics	<ul style="list-style-type: none"> <li>• M.Phil. or Masters degree in Applied Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>• Integral transforms and special functions</li> <li>• Heat and Mass Transfer</li> <li>• Fractal Geometry</li> </ul>	2	Fluid Dynamics	1	3
10	Textile	<ul style="list-style-type: none"> <li>• Masters degree in Mechanical, Production, Mechatronics, Automobile, Automation, Robotics Engineering.</li> </ul>			Textile Technology	2	2
11	Technology Management	<i>Masters degree in any of the following:</i> <ul style="list-style-type: none"> <li>• Electronics and Telecommunication Engineering</li> <li>• Computer Engineering</li> <li>• Information Technology</li> <li>• Civil Engineering</li> <li>• Mechanical Engineering</li> <li>• Chemical</li> <li>• Or allied branches</li> </ul>	<ul style="list-style-type: none"> <li>• Innovation Management</li> <li>• Operations Management</li> <li>• Financial Management</li> <li>• Human Resource Management</li> </ul>	3	<ul style="list-style-type: none"> <li>• Management</li> <li>• Strategy Marketing</li> <li>• Entrepreneurship</li> </ul>	2	5
			<b>Total</b>	<b>29</b>		<b>13</b>	<b>42</b>

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

##### Online registration:

- Visit [www.nmims.edu](http://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

Forward below mentioned documents to:

To:  
Admissions Department,  
SVKM's NMIMS University,  
V. L. Mehta Road, JVPD Scheme,  
Vile Parle (West), Mumbai-400 056.

### List of Documents

- Copy of duly filled Online application form
- Post-Graduation Marksheet (All years) & Certificate (Self attested photo copy)
- Statement of Purpose (Format attached).SOP should describe area of research
- **UGC-NET / SET (including JRF) / UGC-CSIR NET / SET (including JRF) / SLET / GATE / Teacher Fellowship or M.Phil. Certificate** (if applicable) (Self attested photo copy) (if appeared, Self-attested photo copy)
- **Candidate's application form will not be considered if they fail to submit the above mentioned document till 12<sup>th</sup> April 2019.**
- Candidate will not be permitted to Join the programme unless he/she submit the application along with SOP & list of documents (as mentioned above) in time **AND** complete the selection process successfully.

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

#### A) Written Test (Time: 90 minutes / Total : 50 Marks)

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)

- 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 2018-2019 for first year (for information only): Rs. 80,000/- p.a.

**Fees for current year 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)	<b>100%</b>	15 days or more before the formally-notified last date of admission (on or before 15 <sup>th</sup> July 2019)
(2)	<b>90%</b>	Less than 15 days before the formally-notified last date of admission. (i.e. from 16 <sup>th</sup> July 2019 to 31 <sup>st</sup> July 2019)
(3)	<b>80%</b>	15 days or less after the formally-notified last date of admission (i.e. from 1 <sup>st</sup> August 2019 to 15 <sup>th</sup> August 2019)
(4)	<b>50%</b>	30 days or less, but more than 15 days, after formally-notified last date of admission (i.e. 16 <sup>th</sup> August 2019 to 30 <sup>th</sup> August 2019)
(5)	<b>00%</b>	More than 30 days after formally-notified last date of admission (i.e. from 31 <sup>st</sup> August 2019 onwards)

**\*(Inclusive of course fees and non-tuition fees but exclusive of caution money and security deposit)**

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](http://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 of admission required cancellation request letter & original fee receipt to be scanned and send by courier/post to Mumbai address as below :

To:  
Admissions Department,  
SVKM's NMIMS University,  
V. L. Mehta Road, JVPD Scheme,  
Vile Parle (West), Mumbai – 400 056.

The cancellation form is made available on the website [www.nmims.edu](http://www.nmims.edu)

- 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, than 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.