



**MAULANA AZAD**

**NATIONAL INSTITUTE OF TECHNOLOGY**

# **INFORMATION BROCHURE**

**Ph.D. Admissions**

**2018 -19**

**ACADEMIC SESSION 2018-19  
(EVEN SEMESTER)**

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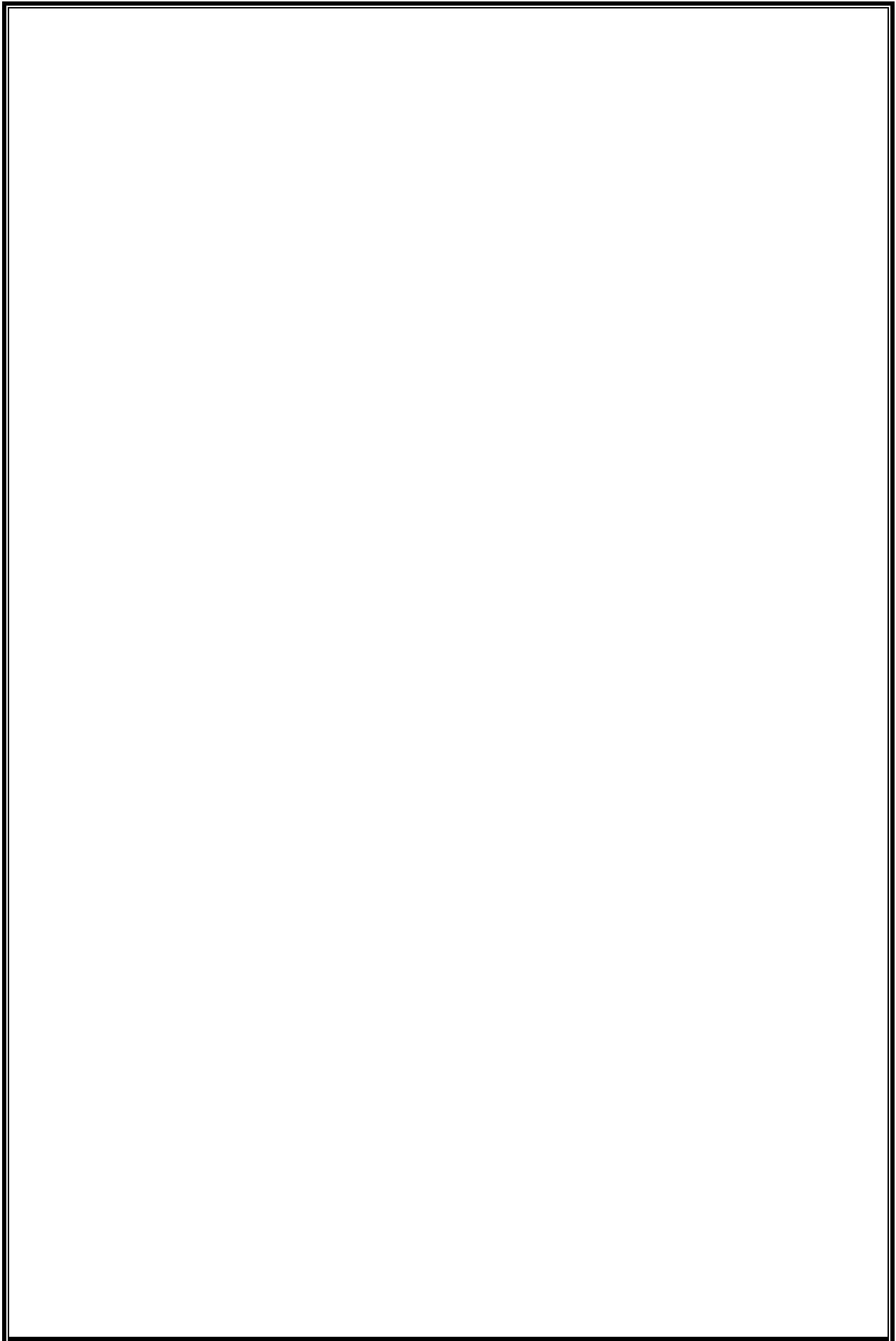
**MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL (M.P.)**

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### Note:

1. Detailed advertisement is available on the Institute Website <http://www.manit.ac.in>. **Candidates are advised to visit the institute website regularly for updates (if any). No individual communication via postal or e-mail shall be made regarding the written test by the institute.**
2. Applicants are advised to go through the institute's Ph.D. Ordinance and amendments as available on the institute website <http://www.manit.ac.in> for norms, rules and regulations.
3. Institute reserves the right to refuse admission to any candidate, or cancel the whole admission process, without assigning any reason.
4. In case of any ambiguity, typographical error or mistake, the decision of Director is final.
5. **All disputes related to admission are subject to Bhopal Jurisdiction only.**



## 1. ADMISSION CATEGORIES:

- i. Full Time Research Students.
- ii. Sponsored Full Time.
- iii. Project Staff (In all Department/Centers) (as per ordinance 10.1.1(3))  
JRF working in the Institute under Externally Funded Projects from agencies such as CSIR, UGC, DST, DAE, DRDO etc.

## 2. DEPARTMENT OFFERING Ph.D. PROGRAMMES:

S.No	Department
1.	Civil Engineering
2.	Computer Science & Engineering
3.	Electrical Engineering
4.	Electronics & Communications Engineering
5.	Mechanical Engineering
6.	Chemical Engineering
7.	Materials & Metallurgical Engineering
8.	Energy Centre
9.	Biological Science & Engineering
10.	Architecture & Planning
11.	Physics (Physics, Nanoscience & Engineering under Department of Physics)
12.	Chemistry
13.	Mathematics (Mathematics, Computer Applications & Bioinformatics under Department of Mathematics)
14.	Humanities and Social Science
15.	Management Studies

## 3. ELIGIBILITY:

- i. Master's Degree in the relevant discipline with minimum 75% marks (CGPA 7.5) and Bachelors Degree with minimum 65% (CGPA 6.5), from a recognized University/ Institution. For reserved category student's i.e. SC/ST/PwD a relaxation of 5% (0.5 in CGPA) is applicable. Reservations are as per prevailing GOI norms.
- ii. **Candidate should have VALID GATE score or NET qualification.**

S. No.	STREAM	ESSENTIAL QUALIFICATION IN RELEVANT AREA
1.	Engineering	Master degree in Engineering with minimum of 75% or CGPA 7.5, and GATE qualified.
2.	Sciences	Master degree in Sciences/ Engineering with minimum of 75% or CGPA 7.5 and NET/GATE qualified.
3.	Architecture and Planning	Master degree in Architecture / Planning with minimum of 75% or CGPA 7.5 and GATE qualified.
4.	Humanities and Social Sciences	Master degree in Humanities / Social Sciences with minimum of 75% or CGPA 7.5 and NET qualified.
5.	Management	Master degree in Management /Engineering with minimum of 75% or CGPA 7.5 and NET/GATE qualified.
6.	Computer Applications	Master degree in Computer Applications / Engineering with minimum of 75% or CGPA 7.5, and NET/GATE qualified.

#### 4. SEAT MATRIX:

S. No.	Department	OPEN	OBC-NCL	SC	ST	TOTAL
1.	Civil Engineering	10	5	2	1	18
2.	Computer Science & Engineering	7	3	2	1	13
3.	Electrical Engineering	6	3	2	1	12
4.	Electronics & Communications Engineering	7	3	2	1	13
5.	Mechanical Engineering	12	6	2	2	22
6.	Chemical Engineering	1	1	0	0	2
7.	Materials & Metallurgical Engineering	1	0	1	0	2
8.	Energy Centre	1	2	1	0	4
9.	Biological Science & Engineering	1	1	0	0	2
10.	Architecture & Planning	6	3	3	1	13
11.	Physics (Physics, Nanoscience & Engineering under Department of Physics)	1	1	0	0	2
12.	Chemistry	1	0	1	0	2
13.	Mathematics (Mathematics, Computers Applications, Bioinformatics under Department of Mathematics)	5	2	1	1	9
14.	Humanities & Social Sciences	1	1	0	0	2
15.	Management Studies	1	1	1	1	4
	<b>Total</b>	<b>61</b>	<b>32</b>	<b>18</b>	<b>9</b>	<b>120</b>

**Note:** The reservation of physically Handicapped (PwD) is 5% overall. Backlog of odd semester 2018-2019 is included in above seat matrix.

#### 5. (a) FEE STRUCTURE:

Ph.D. FEE DETAILS 2018 - 19				
S.No.	Fee Details (Applicable to all Category)	1 <sup>st</sup> Semester (At the time Admission)	2 <sup>nd</sup> Semester Onwards	Annual
1.	<b>Tuition Fee</b>	7500/-	7500/-	15000/-
2.	<b>Other Fees</b>	17347/-	6407/-	23754/-
	<b>Total:</b>	<b>24847/-</b>	<b>13907/-</b>	<b>38754/-</b>
	<b>Hostel Fees:</b>			
	<b>Hostel Maintenance Charges</b>	7500/-	7500/-	15000/-
	<b>Hostel Caution Money (Refundable)</b>	5000/-	00	5000/-
3.	<b>Hostel Electricity &amp; Water Charges</b>	3000/-	3000/-	6000/-
	<b>Hostel Rent</b>	i) Single Occupants	10000/-	20000/-
		ii) Double Occupants	7500/-	15000/-
		iii) Triple Occupants	5000/-	10000/-

- Hostel facility will be available to all Post Graduate students
- Mess charges as per actual and also as per prevailing rates

## 6. APPLICATION PROCEDURE:

Applications are invited for Full Time Ph.D. Programme in the Departments under specialization listed in point 2:

- a) The application form can be downloaded from the Institute website <http://www.manit.ac.in>. Duly completed application form in the prescribed format will only be considered.
- b) Completed form along with **non-refundable processing fee of Rs. 1500/- (Unreserved) and Rs. 1000/- for SC/ST/PwD candidates should be submitted to Assistant Registrar (Academic), MANIT Bhopal – 462003 upto 15/11/2018**. The payment of processing fee is to be done only through SBI online “**SBI Collect**” into the account of the Director, MANIT, Bhopal. The envelope must contain the following header, “Application form for Ph.D. Admission in ..... Department”. Applicant must submit separate application form along with separate processing fees, if he/she wishes to apply in different departments. Applications received after due date will not be entertained.

**No individual communication via postal or e-mail shall be made regarding the written test by the institute. The schedule of the Written Test will be displayed on the institute website. Candidates are advised to visit the institute website regularly for further updates.**

- c) **Selection will be based on written test conducted at Institute level.** For each department, admission test of two hours (02 hr) duration containing three sections of total 200 marks with the following structure will be conducted in the Institute:

**Section 1:** English (50 Marks, 30 Minutes, 25 Questions).

**Section 2:** Mathematical Ability (50 Marks 30 Minutes, 25 Questions).

***Section 1 and 2 of written test of 1 hour is common for all the departments, Section 3 written test of 1 hour will be conducted separately for each department.***

**Section 3:** Concerned Subject (100 Marks, 60 Minutes, 50 Questions).

Copies of Section 3 will only be evaluated when student will attain

minimum total 40 marks in Section 1 and Section 2. Branch wise Merit list will be prepared on the basis of total marks of Section 3 only.

For Architecture & Planning, Bio-informatics, Humanities, Management, Biological Sciences and Chemistry a separate examination of Mathematics will be conducted. **A relaxation of 5% in minimum normalized cut off in the written test will be given to SC/ST/PwD Candidates.**

There is negative marking for wrong answers. One fourth marks will be deducted for every wrong answer i.e. **4R-W**.

For section 3 written test, GATE/NET syllabus of respective discipline will be applicable.

All the candidates are advised to visit their respective Department/Institute website in which they are seeking admission, contact the proposed Supervisor and prepare the synopsis in advance.

**No TA/DA will be paid for attending the written test.**

**d) Merit List Preparation:**

- Weightage of written test - 50%
- Weightage of UG - 10%
- Weightage of PG - 10%
- Weightage of **VALID** GATE/NET marks - 30%

**7. TEACHING ASSISTANCE:** Selected candidates shall get Teaching Assistantship as per Ph.D. ordinance/amendments and Institute norms.

*(Selected Candidates will be eligible for Teaching Assistance at the approved rates and guidelines as notified by MHRD from time to time. This shall be awarded to the students of this category on a semester-to-semester basis depending on semester registration, satisfactory academic performance of the scholar as per Ph.D. Ordinance Clause 10.2.2).* Selected candidates will be required to assist in teaching in the department equivalent to 8 hrs per week.

## 8. DOCUMENTS REQUIRED:

The candidates are required to bring following documents in original at the time of admission (Please enclose self attested photocopy of the following documents along with the application form).

- a. 10<sup>th</sup> Class Certificate & Marksheet
- b. 12<sup>th</sup> Class Certificate & Marksheet
- c. Graduation Marksheet All semester
- d. Graduation Degree Certificate
- e. Post Graduation Marksheet all semester
- f. Post Graduation Degree Certificate
- g. Character Certificate from the Institute last attended
- h. **VALID** GATE score card / NET qualified certificate.
- i. OBC/SC/ST/PH Certificate , If applicable
- j. OBC – NCL certificate issued on or after 01<sup>st</sup> April, 2018 in the enclosed format (**Annexure-I**)
- k. Transfer Certificate from the Institute last attended.
- l. Migration Certificate from the University last attended (**If appearing in qualifying examination then completion certificate is required from the Institute**).
- m. SBI Collect receipt copy.

## 9. SCHEDULE:

**(Institute reserves the right to change the schedule as per the requirement)**

- |                                |            |
|--------------------------------|------------|
| • Last Date of form submission | 15/11/2018 |
| • Date of written test         | 30/11/2018 |
| • Declaration of Result        | 17/12/2018 |
| • Admission Date               | 26/12/2018 |
| • Start of Course work         | 02/01/2019 |

## 10. ADDRESS FOR COMMUNICATION:

Assistant Registrar (Academics)

Maulana Azad National Institute of Technology (MANIT)

Bhopal (MP) 462003

**DIRECTOR**