

## 6. M.Sc. PROGRAMS

Thapar Institute of Engineering & Technology offers following M.Sc. programs of 2-years duration (4 Semesters):

- i. M.Sc. (Bio-Technology)
- ii. M.Sc. (Chemistry)
- iii. M.Sc. (Mathematics)
- iv. M.Sc. (Mathematics and Computing)
- v. M.Sc. (Physics)

### 6.1 ELIGIBILITY:

#### i. M.Sc. (BIO-TECHNOLOGY)

**Eligibility:** Candidates with bachelor's degree with minimum of 60% (55% for SC/ST) marks in graduation from recognized University in Physical, Biological, Agricultural, Veterinary, and Fishery Sciences, Pharmacy, Engineering Technology, 4-Years BS (Physician Assistant) Course, Medicine (MBBS) or BDS.

#### ii. M.Sc. (CHEMISTRY)

**Eligibility:** Recognised Bachelor's degree in Science of minimum 3-years duration with 60% (55% for SC/ST) marks in aggregate and **Chemistry as one of the subject at the graduation level.**

#### iii. M.Sc. (MATHEMATICS AND COMPUTING) and M.Sc. (MATHEMATICS)

**Eligibility:** Recognised Bachelors degree of minimum 3-years duration with 60% (55% for SC/ST) marks in aggregate and **Mathematics as one of the subject at the graduation level.**

#### iv. M.Sc. (PHYSICS)

**Eligibility:** Recognised Bachelor's degree in Science of minimum 3-years duration with 60% (55% for SC/ST) marks in aggregate and **Physics as one of the subject at the graduation level.** The program shall have following three specializations:

- i. Nuclear Science and Technology
- ii. Modern Electronics
- iii. Materials Technology

### 6.2 No. of seats in each M.Sc. program:

Programme	Number of Seats			
	Open	SC/ST	PH	Total
M.Sc. – Bio-Technology	20	8	2	30
M.Sc. – Chemistry	20	8	2	30
M.Sc. – Mathematics	14	5	1	20
M.Sc. – Mathematics and Computing	14	5	1	20
M.Sc. – Physics	14	5	1	20
<b>Total</b>	<b>82</b>	<b>31</b>	<b>7</b>	<b>120</b>

5 seats in each MSc programme are available for FN/NRI candidates. Refer section 10 for eligibility and other conditions.

1% over and above seats are reserved for children of employees of Thapar Institute of Engineering & Technology. The candidates seeking admission under this category are required to satisfy the eligibility as mentioned above for various M.Sc. programs.

### 6.3 Mode of Selection:

Admissions in all the M.Sc. programs shall be made on the basis of merit prepared by giving 40% weightage to 12<sup>th</sup> marks and 60% weightage to Graduation marks (aggregate marks upto pre-final year). Overall minimum 60% (55% for SC/ST) in graduation shall be required to be eligible for admission. Graduation must be done from a recognized University.

**6.4 APPLICATION FEE : Rs. 1000/-**

### 6.5 IMPORTANT DATES

**Last date for receipt of completed application forms : June 30, 2022**

#### **M.Sc. Admission Schedule**

Candidates are advised to check the website and their registered email ID regularly for counselling schedule.

### 6.6 IMPORTANT NOTE

- 1 The candidate seeking admission in different M.Sc. programs have to fill single form only with requisite fee mentioning discipline preferences.
- 2 Candidates having any pending backlog in the first two years of Graduation shall not be considered for admission.
- 3 In case of a tie among candidates securing equal marks in the merit list, the same will be broken in accordance with the following criteria:
  - a. Candidate senior in age shall rank higher in order of merit.
  - b. In the case of a tie in age also, a candidate getting higher percentage of marks in the qualifying examination shall be ranked higher in order of merit.
  - c. In the case of a tie in percentage of marks in the qualifying examination also, a candidate securing higher percentage of marks in matriculation/secondary or equivalent examination shall rank higher in order of merit.
- 4 **Percentage of marks secured at the end of 2nd year of graduation shall only be considered even if the candidate has completed the graduation.**
- 5 Candidates appearing in the final exam of the qualifying degree are also eligible to apply. Such candidates have to furnish following undertaking at the time of counselling.

*"I am applying on my own risk and responsibility as my final result of the Qualifying Exam has not been declared.*

*I do hereby declare that I do not have any backlog paper in any of the previous semesters (Years) of study of the qualifying exam and also, I do not expect any backlog in my final exam.*

*I assure you that I will produce the proof of passing of my Qualifying Examination with the minimum percentage of marks required on or before **December 31, 2022**, failing which my admission shall stand cancelled and I shall not claim any right on any count whatsoever."*