

ACADEMIC PROGRAMS

The School of Chemistry and Biochemistry offers academic programs both at postgraduate (PG) and PhD levels. **M.Sc - Chemistry** has been offered since 2007 while **M.Sc - Biochemistry** started in 2015. Both the postgraduate programs are supported by excellent infrastructure, experienced and qualified faculty and TIET's placement cell.

What are carrier options after doing M.Sc. (Chemistry) from TIET?

After completing this program, students can opt for a doctoral degree either in India or abroad. They can also join as faculty in the colleges or coaching institutes besides joining chemical and IPR industry.

What does M.Sc. (Chemistry) program of TIET offer?

M.Sc-Chemistry at TIET offers a two-year (four semester) program designed to strengthen fundamental concepts of chemistry besides focussing on demands of the industry. There is an equal stress on both theory and practical that involve state of art techniques like NMR, XRD, SEM etc. The curriculum, revised periodically, employs advanced and most recent pedagogical approaches like student centric learning, research based teaching and experiential learning.

What makes doing M.Sc. (Chemistry) at TIET different from the similar programmes offered by other institutes?

The project in the final semester in any of the research labs of TIET and six to eight weeks of summer training at the end of 1st year are the unique features of this program. This gives our students an edge in terms of hands-on experience with advanced instruments, awareness of contemporary research topics, literature survey, thesis writing and presentation skills.

What about the students who passed from School of Chemistry and Biochemistry, TIET after completing M.Sc. (Chemistry)?

Many of our alumni after doing M.Sc-Chemistry are doing / completed Ph.D from the reputed institutes of India (IITs, IISERs, INST or RCB) and abroad (USA, Germany, Canada, Ireland). TIETs placement cell has helped place our students in reputed industries like Agilent technologies, Sun Pharma, IOCL, and coaching institutes like Aakash, Lakshya with attractive packages.

What is the eligibility criteria for doing M.Sc. (Chemistry) from TIET?

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 subjects at the graduation level.

Admission to the M.Sc. (Chemistry) programs shall be made on the basis of merit as per following criteria.

S. No.	Qualification	Weightage (%)
1.	MARKS IN CLASS 12 TH	40
2.	GRADUATION ❖ <i>Aggregate marks up to pre-final year</i>	60

❖ Overall minimum 60% (55% for SC/ST) in graduation shall be required to continue with the admission after declaration of the result

The result of my final semester has not been declared as yet. Can I still apply for the admission in the M.Sc. (Chemistry) programme?

Yes. You can still apply for admission to M.Sc. (Chemistry) programme and take provisional admission. We are aware of it and that is why we are preparing the merit list on the basis of aggregate marks up to pre-final year. You have time up to **December 31, 2021** to submit the proof of passing of the qualifying examination with the minimum percentage of marks as required.

Due to prevailing Pandemic Circumstances, it is not clear when my university will conduct the examination. Can I still apply for the admission in the M.Sc. (Chemistry) programme?

Yes. You can still apply for admission to M.Sc. (Chemistry) programme and take provisional admission even if due to pandemic your final examinations are not decided yet. You have time up to **December 31, 2021** to submit the proof of passing of the qualifying examination with the minimum percentage of marks as required.

How many students are admitted in M.Sc. (Chemistry) programme in an academic session?

Total number of students admitted in the programme are

S. No.	Category	Total Seats
1.	Open	20
2.	SC/ST*	8
3.	Physically Handicap*	2
4.	FN/NRI candidates	5
	Total	35

* In case, seats under this category remain vacant till last counselling, they are transferred to the open category

For more details and filling up the admission forms please refer the following links:

1. https://admission.thapar.edu/?_ga=2.157641274.1860981924.1621417393-666604951.1618196043
2. [https://admission.thapar.edu/downloads/60b88be0aec86028728739_11_ADMISSION_TO_MSC_PROGRAMS_\(1\)_1\).pdf](https://admission.thapar.edu/downloads/60b88be0aec86028728739_11_ADMISSION_TO_MSC_PROGRAMS_(1)_1).pdf)