

Harcourt Butler Technical University, Kanpur -02

GUIDELINES FOR ADMISSION TO M.TECH. PROGRAMME

SESSION 2022-23

1. **Applications for admission to M.Tech. programs at HBTU, Kanpur are invited for the session 2022-23.** Online Registration and Fee Payment (Rs. 2500/- (Non-refundable) can be made from **June 28, 2022 (Tuesday) to July 19, 2022 (Tuesday midnight)** through the University website www.hbtu.ac.in. Detailed guidelines related to admission are also available on University website.
2. All eligible Indian residents may apply for M.Tech. programs. There is no age limit for the candidates seeking admission to the M.Tech. programs at HBTU Kanpur.
3. Candidates are advised to read the guidelines carefully and check their eligibility before filling the online application form. University will not be responsible for any error of judgement on the part of the candidate.
4. Accepting admission in HBTU Kanpur implies the acceptance by the candidate of all the provisions related to it. Any change in the rules, regulations, fee etc. shall apply mutatis mutandis to the admitted candidates.
5. Candidates seeking benefit of reservation are required to indicate the same in the Online Application Form. Original certificates are to be produced at the time of document verification along with one set of self-attested copies of each one of them. Formats for different certificates are available on the HBTU website. Note that the OBC certificate for such candidates should be issued on or after 01.04.2022 (mandatory condition for non-creamy layer for OBC candidates). Candidates from other states will get vertical reservation only (No Horizontal reservation). They are required to submit reserve category certificate issued by the Central Government.
6. If the result of the qualifying examination has not been declared till the date of document verification due to any reason whatsoever, the candidate shall not be eligible for admission under any circumstances.
7. If any document / declaration submitted by the candidate is found to be false at any stage, his / her admission will be cancelled and he / she may be liable for prosecution under the law.
8. The candidates must ensure their eligibility for admission to M. Tech. programs at HBTU Kanpur. University will not be responsible for any error of judgement on the part of candidates.
9. Candidates who have been awarded grades in the qualifying examinations are required to present conversion formula for equivalent percentage of marks from University / Institute. In absence of such conversion formula, the decision taken by the Admission Committee of HBTU Kanpur will be final.

10. Admission to M. Tech. (Full Time) programs will be through valid GATE score. In case of non-availability of sufficient GATE qualified candidates, the vacant seats will be filled by non-GATE candidates on the basis of performance in a Written Examination.
11. Written examination and document verification for M. Tech. Admissions will be conducted at HBTU Kanpur. A separate intimation will be displayed on HBTU website for this purpose.
12. Academic fee for admission to M. Tech. Full Time is Rs. 80,000=00. (Rs. Eighty Thousand Only) for session 2022-23.
13. **All the candidates are required to come with photo identity proof such as Aadhar Card / Driving License / PAN at the time of Written Examination and Counselling for Admission.**
14. All the information / intimation related to M. Tech. Admissions 2022-2023 will be made available on the University website <http://www.hbtu.ac.in>. Candidates are advised to frequently visit the website for updates. HBTU Kanpur will not be responsible for the consequences to the candidates due to the lack of communication.
15. In case of seat allotment, candidate is required to deposit full Academic Fee within the specified period otherwise, his / her admission will be cancelled. The seats thus, vacated will be filled by candidates of waiting list.
16. **If a candidate fails to report for Registration on due date or leaves the University after completing all the formalities of admission or leaves the study midway, Academic Fee deposited by the candidates will be any refunded as per AICTE / UGC guidelines.**
17. **University reserve the right to modify the Guidelines as and when required.**

Table 1: Eligibility criteria for admission to M.Tech. (Full time) programs

Sl. No.	Department	Specialization	Intake	Qualification
School of Engineering				
1.	Mechanical Engineering	Computer Aided Design	18	B.E. / B. Tech. or Equivalent in Mechanical Engineering with first division
2.	Civil Engineering	Environmental Science and Engineering	18	B.E. / B. Tech. or Equivalent in Civil Engineering / Environmental Engineering / Chemical Engineering with first division
3.	Electronics Engineering	Electronics and Communication Engineering	18	B.E. / B. Tech. or Equivalent in Electronics & Communication Engineering / Electronics Engineering/ Electronics & Telecommunication Engineering, with first division.
4.	Electrical Engineering	Power Electronics and Control	30	B.E. / B. Tech. or Equivalent in Electrical Engineering with first division.
5.	Computer Science and Engineering	Computer Science and Engineering	30	B.E. / B. Tech. in Computer Science, Information Technology, Electrical Engineering, Electronics Engineering & MCA with first division.
School of Chemical Technology				
Sl. No.	Department	Stream	Intake	Minimum Eligibility Criteria
1.	Oil Technology	Stream A	11	(i) B. Tech. / B. E. Degree in Oil Technology with First Division.
		Stream B		(i) B. Tech. / B. E. Degree in Food Technology, Biochemical Engineering, Chemical Engineering, Paint Technology, Plastic Technology, Leather Technology, Biotechnology or any other relevant/allied discipline with First Division.
		Stream C		(ii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Food Technology, Biochemistry, Biotechnology, Microbiology, Life-Sciences or any other relevant/allied discipline with First Division.
2.	Food Technology	Stream A	11	(i) B. Tech. / B. E. Degree in Food Technology with First Division.
		Stream B		(i) B. Tech. / B. E. Degree in Plastic Technology, Biochemical Engineering, Chemical Engineering, Paint Technology, Oil Technology, Dairy Technology, Leather Technology, Biotechnology or any other relevant/allied discipline with First Division.
		Stream C		(ii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Food Science, Food Technology, Biochemistry, Biotechnology, Microbiology, Life-Sciences or any other relevant/allied discipline with First Division.

3.	Biochemical Engineering	Stream A	12	(i) B. Tech. / B. E. Degree in Biochemical Technology with First Division.
		Stream B		(i) B. Tech. / B. E. Degree in Food Technology, Plastic Technology, Chemical Engineering, Paint Technology, Oil Technology, Leather Technology, Biotechnology or any other relevant/allied discipline with First Division.
		Stream C		(ii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Food Technology, Food Science, Biochemistry, Biotechnology, Microbiology, Life-Sciences or any other relevant/allied discipline with First Division.
4.	Chemical Engineering	Stream A	18	(i) B. Tech. / B. E. Degree in Chemical Engineering/Technology with First Division.
		Stream B		(i) B. Tech. / B. E. Degree in Food Technology, Biochemical Engineering, Plastic Technology, Paint Technology, Oil Technology, Leather Technology, Petroleum Engineering/Technology or any other relevant/allied discipline with First Division.
5.	Paint Technology*	Stream A	15*	(i) B. Tech. / B. E. Degree in Paint Technology / Surface Coating/ Printing Ink Technology with First Division.
		Stream B		(i) B. Tech. / B. E. Degree in Food Technology, Biochemical Engineering, Chemical Engineering, Oil Technology, Polymer Technology, Plastic Technology, Leather Technology, Biotechnology or any other relevant/allied discipline with First Division.
		Stream C		(ii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Polymer Chemistry, Food Technology, Biochemistry, Biotechnology, or any other relevant/allied discipline with First Division.
6.	Plastic Technology*	Stream A	15*	(i) B. Tech. / B. E. Degree in Plastic Technology/Polymer Engineering and Technology with First Division.
		Stream B		(i) B. Tech. / B. E. Degree in Food Technology, Biochemical Engineering, Chemical Engineering, Paint Technology, Oil Technology, Leather Technology, Biotechnology or any other relevant/allied discipline with First Division.
		Stream C		(ii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Polymer Chemistry, Food Technology, Biochemistry, Biotechnology, or any other relevant/allied discipline with First Division.

A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace marks) candidates belonging to SC / ST / OBC-NCL / PwD category for admissions to M. Tech. (Full-time) programs. B. Tech. candidates will be given preference over M.Sc. candidates in case of Chemical Technology branches.

Reservation of Seats

a) Vertical Reservation:

Category	Percentage of Reservation
(a) Scheduled Caste	21%
(b) Scheduled Tribe	02%
(c) Other Backward Classes	27%

b) Horizontal Reservation (Sub-categories):

Sub-category	Code	Maximum Percentage of Total Seats
a. Dependents of Freedom Fighters	FF	02%
b. Sons / Daughters of Defence Personnel Retired (superannuated) or killed / Disabled in action	AF	05%
c. Handicapped / Disabled persons	PH	05%
d. Girls	GL	20%

- c) The candidates can be given only one type of horizontal reservation out of FF / AF / PH (*Certificate no. 4, 5 & 6 respectively*). **However, the Girl candidates can also claim for any one of FF / AF / PH along with GL.**
- d) **Economically Weaker Section (EWS) Quota / Reservation (over and above with a maximum of 10% of the offered seat intake in the course)**
Candidates who wish to avail the benefit of EWS quota must not be covered under the existing scheme of reservation for the Scheduled Castes, Scheduled Tribes and the Socially and Economically Backward Classes. They must produce Certificate No. 12 issued by the Government Officer not below the rank of Tehsildar to claim the benefit of this reservation.
- e) Request for the change of category / sub-category filled during Online Registration Form shall not be entertained under any circumstances.
- f) Category / sub-category claims must be supported by the relevant certificates as per the format provided at the time of Document Verification. Otherwise, the allotment will be cancelled and the candidates shall be treated in General Category in the next round of counselling.
- g) Advantage of horizontal reservation in Armed Forces sub-category is available to sons / daughters of Defence Personnel.
- h) Benefits of GL subcategory will automatically be given to all eligible female candidates.
- i) Candidates belonging to other states will have to produce category certificate according to Centre Government list for reserved category.

Medical Standards

- a) Candidates will have to submit a certificate of Medical Fitness / Handicapped on Certificate no. 8 at the time of Document Verifications at HBTU, Kanpur.
- b) The medical standards prescribed are given below:

Height	Candidates should be physically fit to pursue his / her studies in opted course.
Weight	
Chest measurement	
Heart and lungs	No abnormality
Hernia, Hydrocele, Piles etc.	Presence of any of these is to be corrected before joining
Vision	Normal, if defective, it must be got corrected to 6/9 in the better eye and 6/12 in the worse one. Eyes should be free from congenital or any other disease
Hearing	Normal, If defective, it must be got corrected before joining.

Physically Handicapped / Disabled:

Physically Handicapped / Disabled persons will have a minimum of 5% reservation on the basis of impairment and mentioned below:

Type I	Minimum 40% permanent Visual impairment
Type II	Minimum 40% permanent Locomotors disability
Type III	Minimum 40% permanent speech and Hearing impairment

Note : Physically handicapped / Disability certificate should be issue by CMO of the district.

Table 2: Fee structure for M.Tech. (Full time) programs

Sl. No.	Particular	M.Tech.
		AY 2022-23
	Tuition Fee	40000.00
1	Examination Charges	
	University Exam Charges	5000.00
	Enrolment Charges (one time)	500.00
	Degree & Marksheets Charges	500.00
	Exam.Contingencies Charges	500.00
	Insurance & other misc. expenditure on unspecified items.	500.00
	Total	7000.00
2	User Charges	
	Registration Charges	250.00
	Recreation Charges	500.00
	Identity Card Charges	100.00
	Student Welfare Fund	500.00
	Magazine Charges	100.00
	Medical Facility Charges	500.00
	Computing infra Charges	3500.00
	University Day Activity Charges	250.00
	Training & Placement Charges	750.00
	Industrial Exposure Charges	350.00
	Univ. Student Activity Council Charges	750.00
	Computer peripherals & Stationary Charges	1000.00
	Library Facility Charges	1000.00
	Laboratory Charges	750.00
	Student Aid & other misc. expenditure on unspecified items.	800.00
	Total	11100.00
3	University Development & Facilities Charges	
	Univ. Development Charges	1500.00
	Univ. Electricity Charges	4000.00
	Fire & Water Charges	150.00
	Electronic Infra Charges	150.00
	Research Initiatives Charges	200.00
	Training Programmes Charges	400.00
	Awards & Automation Charges	500.00
	Skill Development Charges	250.00
	Conferences & Innovative Projects Charges	250.00
	Entrepreneurship Activities Charges	250.00
	Outsourcing Facilities & other misc. expenditure on unspecified items.	250.00
	Total	7900.00
4	Economically Weaker Section Fund	5000.00
5	Premium for Medclaim of Students (per Annum)	1500.00
6	Other Charges	
	Caution Money (Library/W.S/Labs) one time	5000.00
	Univ. Alumni Association Membership one time	1500.00
	Information Brochure Charges one time	300.00
	Contingent & Misc. Charges	700.00
	Total	7500.00
	Grand Total	80000.00

Table 3: Schedule for admissions to M. Tech. (Full time) programs for session 2022-23 at HBTU Kanpur

Sl. No.	Activity	Dates
1.	Online submission of application forms of GATE / Non-GATE candidates on official website : www.hbtu.ac.in	June 28, 2022 (Tuesday) to July 19, 2022 (Tuesday midnight)
2.	Display of list of qualified candidates with valid GATE score.	July 22, 2022 (Friday)
3.	Registration and full fee deposition by selected GATE score candidates	July 23 - 30, 2022 (Saturday-Saturday)
4.	Display of list of Non-GATE score candidates eligible for Written Examination (Department & Programs wise)	August 01, 2022 (Monday)
5.	Written Examination of eligible Non-GATE score candidates and display of list of qualified candidates	August 03, 2022 (Wednesday)
6.	Registration and full fee deposition by selected Non-GATE score candidates	August 05 – 10, 2022 (Friday – Wednesday)
7.	Commencement of Classes	August 11, 2022 (Thursday)