

# **GUIDELINES FOR ADMISSION TO M. TECH. PROGRAM**

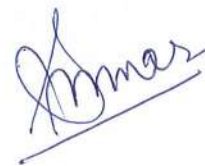


## **HARCOURT BUTLER TECHNICAL UNIVERSITY, KANPUR (2021-22)**

*Harcourt Butler Technical University (H.B.T.U.), Kanpur formerly H.B.T.I., Kanpur offers M. Tech Admission for the academic year 2021-22. This university offers admission into M. Tech. programmes in various disciplines of Engineering and Technology. Interested and Eligible candidates can apply through online mode for M. Tech. Admission from the official website.*

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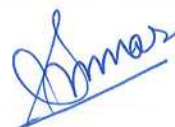
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## TENTATIVE

### Guidelines for Admission to M. Tech. (Full Time) Programs for 2021-22 at HBTU, Kanpur

1. **Applications for admission to M.Tech. programs at HBTU, Kanpur are invited for the session 2021-22.** Online Registration and Fee Payment [(Rs. 2500/- (Non-refundable)] can be made from **July 26, 2021 (Monday) to August 31, 2021 (Tuesday midnight)** through the University website [www.hbtu.ac.in](http://www.hbtu.ac.in). Detailed guidelines related to admission are also available on University website.
2. Candidates of UP domicile only are eligible for the admission to M. Tech. programs. Candidates are advised to read the guidelines carefully, check their eligibility and take note of applicable reservation policy etc. before filling the online application form.
3. 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.
4. 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. These formats are subject to change as per the orders of Govt. of Uttar Pradesh. Note that the OBC certificate for such candidates should be issued on or after 01.04.2021 (mandatory condition for non-creamy layer for OBC candidates).
5. 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.
6. 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. In case of any legal dispute, the jurisdiction will be limited to Kanpur courts only.
7. 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.
8. 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.
9. 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.

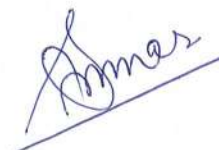
10. Written examination and document verification for M. Tech. Admissions will be conducted at HBTU Kanpur. A separate intimation will be displayed on HBTU website for this purpose.
11. Academic fee for admission to M. Tech. Full Time is Rs. 1,20,000=00. (Rs. One Lakh Twenty Thousand Only) for session 2021-22. There will be a 10% increase in the Annual Academic Fee every year.
12. **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.**
13. All the information / intimation related to M. Tech. Admissions 2021-2022 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.
14. 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.
15. **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 forfeited and any request for withdrawal / refund will not be entertained under any circumstances.**

### **Eligibility Criteria**

M. Tech. Program is offered by the following departments:

1. Mechanical Engineering
2. Civil Engineering
3. Electronics Engineering
4. Oil Technology
5. Food Technology
6. Biochemical Engineering
7. Chemical Engineering
8. Paint Technology
9. Plastic Technology

The eligibility criteria for M. Tech. Admission in above mentioned programs is given in Table 1.

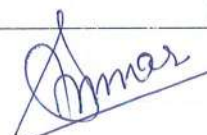


**TABLE 1: ELIGIBILITY CRITERIA FOR ADMISSION TO  
M.TECH. (FULL TIME) PROGRAMS**

Sl. No.	Department	Specialization	Intake	Qualification
<b>School of Engineering</b>				
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.
<b>School of Chemical Technology</b>				
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.	<b>Biochemical Engineering</b>	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.	<b>Chemical Engineering</b>	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.	<b>Paint Technology*</b>	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.	<b>Plastic Technology*</b>	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 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.

\* GATE Scholarship is not available for M. Tech. in the Deptt. of Paint Technology and Plastic Technology.

### Reservation of Seats

#### a) Vertical Reservation:

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

#### b) Horizontal Reservation (Sub-categories):

Sub-category	Code	Maximum Percentage of Total Seats
a. Dependents of Freedom Fighters from U.P.	UPFF	02%
b. Sons / Daughters of Defence Personnel of U.P. either retired (superannuated) or killed / Disabled in action or Defence Personnel posted in U.P. / Defence Personnel permanent resident of U.P. and posted outside U.P.	UPAF	05%
c. Handicapped / Disabled persons of U.P.	UPHC	05%
d. Girls of U.P.	UPGL	20%

c) The candidates can be given only one type of horizontal reservation out of UPFF / UPAF / UPHC (*Certificate no. 4, 5 & 6 respectively*). **However, the Girl candidates can also claim for any one of UPFF / UPAF / UPHC along with UPGL.**

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 of U.P. and the Defence Personnel posted in U.P. on the date of admission.
- h) Benefits of UPGL subcategory will automatically be given to all eligible female candidates.

### Medical Standards

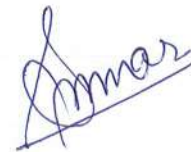
- a) Candidates will have to submit a certificate of Medical Fitness / Handicapped on Certificate no. 8 at the time of Document Verifications at HBTU, Kanpur.
- b) The medical standards prescribed are given below:

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 of Uttar Pradesh 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






**TABLE 2: FEE STRUCTURE FOR M.TECH. (FULL TIME) PROGRAMS**

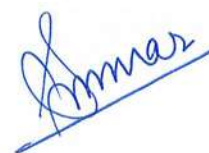
Sl. No.	Particular	M.Tech. (Full Time)
A	<b>Tuition Fee</b>	<b>60000</b>
<b>B</b>	<b>Non - Govt. Component</b>	
<b>1</b>	<b>Examination Charges</b>	
	University Exam Charges	7000
	Enrolment Charges (one time)	1000
	Degree & Marksheets Charges	500
	Exam. Contingencies Charges	750
	Insurance & other misc. expenditure on unspecified items.	750
	<b>Total</b>	<b>10000</b>
<b>2</b>	<b>User Charges</b>	
	Registration Charges	500
	Recreation Charges	1500
	Identity Card Charges	200
	Student Welfare Fund	500
	Magazine Charges	250
	Medical Facility Charges	1000
	Computing infra Charges	7000
	University Day Activity Charges	500
	Training & Placement Charges	1500
	Industrial Exposure Charges	750
	Univ. Student Activity Council Charges	2000
	Computer peripherals & Stationary Charges	2000
	Library Facility Charges	2000
	Laboratory Charges	1500
	Student Aid & other misc. expenditure on unspecified items.	800
	<b>Total</b>	<b>22000</b>
<b>3</b>	<b>University Development &amp; Facilities Charges</b>	
	Univ. Development Charges	2500
	Univ. Electricity Charges	7500
	Fire & Water Charges	300
	Electronic Infra Charges	300
	Research Initiatives Charges	200
	Training Programmes Charges	400
	Awards & Automation Charges	800
	Skill Development Charges	500
	Conferences & Innovative Projects Charges	500
	Entrepreneurship Activities Charges	500
	Outsourcing Facilities & other misc. expenditure on unspecified items.	500
	<b>Total</b>	<b>14000</b>
<b>4</b>	<b>Economically Weaker Section Fund</b>	<b>5000</b>
<b>5</b>	<b>Premium for Mediclaim of Students (per Annum)</b>	<b>1500</b>
<b>6</b>	<b>Other Charges</b>	
	Caution Money (Library/W.S/Labs) one time	5000
	Univ. Alumni Association Membership one time	1500
	Information Brochure Charges one time	300
	Contingent & Misc. Charges	700
	<b>Total</b>	<b>7500</b>
	<b>Grand Total (A+B)</b>	<b>120000</b>

**Note:** There will be a 10% increase in the Annual Academic Fee every year.



**TABLE 3: SCHEDULE FOR ADMISSIONS TO M. TECH. (FULL TIME)  
PROGRAMS FOR SESSION 2020-21 AT HBTU KANPUR**

<b>Sl. No.</b>	<b>Activity</b>	<b>Dates</b>
1.	Online submission of application forms on official website : <u><a href="http://www.hbtu.ac.in">www.hbtu.ac.in</a></u>	July 26 (Monday) to August 31, 2021 (Tuesday Midnight)
2.	Display of list of qualified candidates with valid GATE score.	September 04, 2021 (Saturday)
3.	Registration and full fee deposition by selected GATE score candidates	September 16 – 22, 2021 (Thursday – Wednesday)
4.	Display of list of Non-GATE score candidates eligible for Written Examination (Department & Programs wise)	September 28, 2021 (Tuesday)
5.	Written Examination of eligible Non-GATE score candidates and display of list of qualified candidates	October 01, 2021 (Friday)
6.	Registration and full fee deposition by selected Non-GATE score candidates	October 04 – 08, 2021 (Monday – Friday)



PROPOSED SEAT MATRIX FOR M.TECH. PROGRAM - 2021-22 AT HBTU, KANPUR

S.NO.	DEPARTMENT	SANCTIONED INTAKE	SEAT INCREASED	OPNO	OPCL	OPAF	OPFF	OPPH	OP	BCNO	BCGL	BCAF	BCTF	BCPH	OBC	SCNO	SCCL	SCAF	SCFF	SCPH	SC	STNO	STGL	STAF	STFF	STPH	ST	EWSNO	EMSGL	EWSAF	EWSFF	EWSPH	EWS	TOTAL AVAILABLE SEATS	
1	Mechanical Engineering	18	5	6	2	1	0	0	9	4	1	0	0	1	6	3	0	1	0	1	5	0	0	0	0	0	0	2	1	0	0	0	0	3	23
2	Electronics Engineering	18	5	6	2	0	0	1	9	5	1	1	0	0	7	3	0	0	1	0	4	1	0	0	0	0	1	1	0	0	0	0	2	23	
3	Civil Engineering	18	4	5	2	1	0	0	8	4	1	1	0	0	6	3	1	0	0	1	5	0	1	0	0	0	1	2	0	0	0	0	2	22	
4	Chemical Engineering	18	4	6	2	0	0	1	9	4	1	0	0	1	6	3	1	1	0	0	5	0	0	0	0	0	0	2	0	0	0	0	2	22	
5	Bio-Chemical Engineering	12	3	4	1	1	0	0	6	3	1	0	0	0	4	2	1	0	0	0	3	0	0	0	0	0	0	1	1	0	0	0	2	15	
6	Food Technology	11	2	4	1	0	0	0	5	2	1	0	0	0	3	2	1	0	0	0	3	1	0	0	0	0	1	1	0	0	0	0	1	13	
7	Oil Technology	11	3	4	1	0	0	1	6	3	1	0	0	0	4	2	1	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	1	14	
8	Plastic Technology	15	4	6	1	0	1	0	8	4	1	0	0	0	5	3	1	0	0	0	4	0	0	0	0	0	0	1	0	0	0	1	2	19	
9	Paint Technology	15	4	5	2	1	0	0	8	3	1	0	1	0	5	3	1	0	0	0	4	0	0	0	0	0	0	1	0	1	0	0	2	19	
<b>Total</b>		<b>136</b>	<b>34</b>	<b>46</b>	<b>14</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>68</b>	<b>32</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>46</b>	<b>24</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>17</b>	<b>170</b>	

*Sumar*