

Harcourt Butler Technical University, Kanpur -02

GUIDELINES FOR ADMISSION TO M.Sc. PROGRAMMES

SESSION 2022-23

1. **Applications for admission to M.Sc. 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 the admission to M.Sc. 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. University will not be responsible for any error of judgement on the part of the candidate.
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 01.04.2022 (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.
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.Sc. 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 will be final.

9. **Admission to M.Sc. programs will be through valid IIT JAM-2022 score. In case of non-availability of sufficient JAM qualified candidates, the vacant seats may be filled by non-JAM candidates on the basis of their score in an Entrance Examination to be conducted by HBTU, Kanpur. The syllabus of JAM-2022 will be the syllabus for Entrance Examination.**
10. **If some candidate wants to apply for more than one M.Sc. program, he/she should submit separate Online application form.**
11. Written examination and document verification for M.Sc. Admissions will be conducted at HBTU Kanpur. A separate intimation will be displayed on HBTU website for this purpose.
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.Sc. Admissions 2022-23 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.**
16. **University reserve the right to modify the Guidelines as and when required.**

Table 1: Minimum eligibility criteria for admission to M.Sc. programs

Department	Program / Specialization	Intake	Qualifying Degree	Minimum marks	
				GEN	SC/ST/ OBC-NCL / PwD
Physics	M.Sc. (Opto-Electronics)	30	<p>Bachelor's degree (at least 10+2+3) with Physics as a major/honours subject and Mathematics as one of the other subjects</p> <p>OR</p> <p>Bachelor's degree (at least 10+2+3) with Physics as a subject for at least two years / four semesters and mathematics for at least one year/ two semesters.</p>	<p>a minimum of 55% marks or 6.0 CPI / CGPI in a scale of 10 in major/ honours subject without rounding off</p> <p>OR</p> <p>a minimum of 60% marks or 6.5 CPI / CGPI in a scale of 10, in aggregate, without rounding off.</p>	<p>a minimum of 50% marks or 5.5 CPI / CGPI in a scale of 10 in major/ honours subject without rounding off</p> <p>OR</p> <p>a minimum of 55% marks or 6.0 CPI / CGPI in a scale of 10, in aggregate, without rounding off.</p>
Chemistry	M.Sc. (Chemical Sciences)	30	<p>Bachelor's degree (at least 10+2+3) with Chemistry as a major/ honours subject</p> <p>OR</p> <p>Bachelor's degree (at least 10+2+3) with Chemistry as a subject for three years/ six semester.</p>	<p>a minimum of 55% marks or 6.0 CPI / CGPI in a scale of 10 in major/ honours subject without rounding off</p> <p>OR</p> <p>a minimum of 60% marks or 6.5 CPI / CGPI in a scale of 10, in aggregate, without rounding off.</p>	<p>a minimum of 50% marks or 5.5 CPI / CGPI in a scale of 10 in major/ honours subject without rounding off</p> <p>OR</p> <p>a minimum of 55% marks or 6.0 CPI / CGPI in a scale of 10, in aggregate, without rounding off.</p>
Mathematics	M.Sc. (Mathematics and Data Science)	30	<p>Bachelor's degree (at least 10+2+3) degree with major/ honours in Mathematics.</p> <p>OR</p> <p>Bachelor's degree* (at least 10+2+3) with Mathematics as a subject for two years / 4 semesters (*including major/honours in Computer Science/Statistics / Information Technology)</p>	<p>a minimum of 55% marks or 6.0 CPI / CGPI in a scale of 10 in major/ honours subject without rounding off</p> <p>OR</p> <p>a minimum of 60% marks or 6.5 CPI / CGPI in a scale of 10, in aggregate, without rounding off.</p>	<p>a minimum of 50% marks or 5.5 CPI / CGPI in a scale of 10 in major / honours subject without rounding off</p> <p>OR</p> <p>a minimum of 55% marks or 6.0 CPI / CGPI in a scale of 10, in aggregate, without rounding off.</p>

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

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 after 01.04.2022 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.
- i) Candidates belonging to other states will have only vertical reservation. Centre Government list for reserved category candidates will be accepted.
- j) In case of non-availability of sufficient candidates in a particular category the seats may be mutually converted to accommodate interested 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 (Divyang):

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

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

Table 2: Tentative fee structure for M.Sc. programs

Program	Duration	Total Fee				Total
		2022-23		2023-24		
		Odd Sem.	Even Sem.	Odd Sem.	Even Sem.	
M.Sc.	2 Year	Rs. 15,000/-	Rs. 10,000/-	Rs. 10,000/-	Rs. 10,000/-	Rs. 45000/-

Note: This academic fee does not include Hostel and Mess charges.

Table 3: Tentative schedule for admissions to M.Sc. programs for session 2022-23 at HBTU Kanpur

Sl. No.	Activity	Dates
1.	Online submission of application forms on official website : www.hbtu.ac.in	June 28 (Tuesday) to July 19, 2022 (Tuesday, Midnight)
2.	Display of list of qualified candidates with valid IIT JAM -2022 score.	July 22, 2022 (Friday)
3.	Registration and full fee deposition by selected JAM score candidates	July 22 – August 01, 2022 (Friday – Monday)
4.	Display of list of Non-JAM score candidates eligible for Written Examination (Department & Program wise)	July 23, 2022 (Saturday)
5.	Written Examination of eligible Non-JAM score candidates	August 01, 2022 (Monday)
6.	Display of list of qualified / selected candidates	August 02, 2022 (Tuesday)
7.	Registration and full fee deposition by selected Non- JAM score candidates	August 03 – 10, 2022 (Wednesday – Wednesday)
8.	Commencement of classes	August 11, 2022 (Thursday)