



हरकोर्ट बटलर प्राविधिक विश्वविद्यालय

नवाबगंज, कानपुर – 208002, उ.प्र., भारत

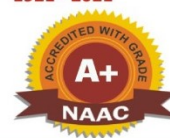
HARCOURT BUTLER TECHNICAL UNIVERSITY

NAWABGANJ, KANPUR - 208002, U.P., INDIA

(Formerly Harcourt Butler Technological Institute, Kanpur)

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100+ YEARS
1921 - 2021



GUIDELINES FOR ADMISSION TO M.Sc. PROGRAMMES AT HBTU, KANPUR ACADEMIC SESSION 2025-26

1. Applications for admission to M.Sc. programs at HBTU, Kanpur are invited for the session 2025-26. Online Registration and Fee Payment of Rs. 2500/- (Non-refundable) can be made through the University website <https://erp.hbtu.ac.in/MSC.aspx>
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 are advised to read the guidelines carefully, check their eligibility and applicable reservation category etc. before filling and submitting the Online Registration Form. University will not be responsible for any error of judgement on the part of the candidate.
5. All the information in connection with M.Sc. Admission 2025 shall be made available through the admission website: <https://erp.hbtu.ac.in/MSC.aspx> and <https://www.hbtu.ac.in>. The candidates are advised to regularly visit these websites. University will not be responsible for any loss to candidate due to the lack of communication.
6. Candidates seeking benefit of reservation are required to indicate the same in the Online Application Form. 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 01.04.2025** (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 Government of India.
7. If the result of the undergraduate examination / qualifying examination has not been declared till the date of document verification due to any reason, whatsoever, the candidate shall be eligible for provisional admission only and final admission would be subject to fulfilment of all the eligibility criteria.
8. 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.

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 the absence of such conversion formula, the decision taken by the Admission Committee will be final.
10. Admission to M.Sc. programs will be through valid scores in any of the following entrance examinations:
 - i. IIT JAM - 2025
 - ii. CUET (PG) - 2025
 - iii. GAT B – 2025 (only for M.Sc. Biotechnology)

However, the candidates with valid JAM score will be given preference for admission followed by CUET (PG)-2025 then other entrance examination qualified candidates.

In case of non-availability of sufficient qualified candidates through these exams, the vacant seats may be filled through the University Entrance Test-2025 (UET-2025) to be conducted at HBTU, Kanpur. The syllabus of JAM-2025 will be the syllabus for the UET-2025.

11. If some candidate wants to apply for more than one M.Sc. program, he/she should submit separate online application form.
12. The document verification for M.Sc. admissions will be conducted offline at HBTU Kanpur.
13. 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.
14. 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 refunded after deduction of Rs. 5000/- or as per the UGC/AICTE guidelines.
15. University reserves the right to modify the guidelines as and when required.

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

Department/School	Program / Specialization	Intake	CUET (PG) Paper Code 2025-26	Qualifying Degree	Minimum marks
School of Basic and Applied Sciences					
Physics	M.Sc. in Physics (Specialization in Material Science and Nanotechnology)	38	MTQP08 / SCQP18 / SCQP24	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 with aggregate of 55% marks (50% for SC/ ST / OBC-NCL / PwD) or equivalent CPI.	a minimum of 55% marks or equivalent CPI / CGPI (relaxation of 5% for SC/ST/OBC-NCL/PwD)
Chemistry	M.Sc. Chemistry (Chemical Sciences)	38	SCQP08	Bachelor's degree (at least 10+2+3) with Chemistry as a subject for three years/ six semester. A minimum of 55% marks (50% for SC/ ST / OBC-NCL / PwD) or equivalent CPI.	a minimum of 55% marks or equivalent CPI / CGPI (relaxation of 5% for SC/ST/OBC-NCL/PwD)
Mathematics	M. Sc. in Mathematics and Data Science	38	SCQP09 / SCQP19 / SCQP27	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) with aggregate of 55% marks (50% for SC/ ST / OBC-NCL / PwD) or equivalent CPI.	a minimum of 55% marks or equivalent CPI / CGPI (relaxation of 5% for SC/ST/OBC-NCL/PwD)

School of Pharmaceutical and Biological Sciences					
Department of Biotechnology	M.Sc. in Biotechnology	38	SCQP01/ SCQP03/ SCQP05/ SCQP06/ SCQP07/ SCQP08/ SCQP11/ SCQP12/ SCQP17/ SCQP19/ SCQP20/ SCQP24/ SCQP25/ SCQP28	Bachelor's degree (B.Sc./ B.Tech./ B.Pharm/ B.V.Sc. / M.B.B.S.) with any of the subjects amongst Zoology, Botany, Chemistry, Microbiology, Biochemistry, Environmental Science, Biotechnology, Mathematics, Physics, Medical Laboratory Technology, Medical Microbiology, Bioinformatics, Food Technology, Nutrition Science, Computer Science, Hospital Administration and allied subjects at Bachelor level.	a minimum of 55% marks or equivalent CPI / CGPI (relaxation of 5% for SC/ST/OBC-NCL/PwD).
Department of Biotechnology	M.Sc. in Biochemistry	38	SCQP01/ SCQP03/ SCQP05/ SCQP06/ SCQP07/ SCQP08/ SCQP11/ SCQP12/ SCQP17/ SCQP19/ SCQP20/ SCQP24/ SCQP25/ SCQP28	Bachelor's degree (B.Sc./ B.Tech./ B.Pharm/ B.V.Sc./M.B.B.S.) with any of the subjects amongst Zoology, Botany, Chemistry, Microbiology, Biotechnology, Environmental Science, Biochemistry, Mathematics, Physics, Medical Laboratory Technology, Medical Microbiology, Bioinformatics, Food Technology, Nutrition Science, Computer Science, Hospital Administration and allied subjects at Bachelor level.	a minimum of 55% marks or equivalent CPI / CGPI (relaxation of 5% for SC/ST/OBC-NCL/PwD).

RESERVATION OF SEATS

a) Vertical Reservation

Category	Code	Reservation (%)
(a) Scheduled Caste	SC	21%
(b) Scheduled Tribe	ST	02%
(c) Other Backward Classes	OBC	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.
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 other Backward Classes. They must produce income certificate (Certificate No. 12) issued on or after 01/04/2025 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 son / daughter of Defence Personnel of U.P. and the Defence Personnel posted in U.P. on the date of admission.
- h) Automatically, benefits of UPGL subcategory will be given to all eligible female candidates.
- i) Candidates belonging to other states will have only vertical reservation. Central Government list for reserved categories 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: DETAILED RESERVATION OF SEATS

DEPARTMENT	SPECIALIZATION	OPEN					Other Backward Class					Schedule Caste					Schedule Tribe					Economically Weaker Section					Total available seats
		OPNO	OPGL	OPAF	OPFF	OPPH	BCNO	BCGL	BCAF	BCFF	BCPH	SCNO	SCGL	SCAF	SCFF	SCPH	STNO	STGL	STAF	STFF	STPH	EWSNO	EWSGL	EWSAF	EWSFF	EWSPH	
School of Basic and Applied Sciences																											
Mathematics	Mathematics and Data Science	10	3	1	0	1	6	2	1	0	1	6	2	0	0	0	1	0	0	0	0	4	0	0	0	0	38
Physics	Material Science and Nanotechnology	10	3	1	0	1	6	2	1	0	1	6	2	0	0	0	1	0	0	0	0	4	0	0	0	0	38
Chemistry	Chemical Sciences	10	3	1	0	1	6	2	1	0	1	6	2	0	0	0	1	0	0	0	0	4	0	0	0	0	38
School of Pharmaceutical and Biological Sciences																											
Biotechnology	Biotechnology	10	3	1	0	1	6	2	1	0	1	6	2	0	0	0	1	0	0	0	0	4	0	0	0	0	38
Biotechnology	Biochemistry	10	3	1	0	1	6	2	1	0	1	6	2	0	0	0	1	0	0	0	0	4	0	0	0	0	38

Table 3: Fee Structure for M.Sc. Programs

Program	Duration	Total Fee				Total
		2025-26		2026-27		
		SEM 1	SEM 2	SEM 3	SEM 4	
School of Basic and Applied Sciences						
M.Sc. Mathematics and Data Science	2 Year	Rs. 15,000/-	Rs. 10,000/-	Rs. 10,000/-	Rs. 10,000/-	Rs. 45000/-
M.Sc. Material Science and Nanotechnology	2 Year	Rs. 15,000/-	Rs. 10,000/-	Rs. 10,000/-	Rs. 10,000/-	Rs. 45000/-
M.Sc. Chemical Sciences	2 Year	Rs. 15,000/-	Rs. 10,000/-	Rs. 10,000/-	Rs. 10,000/-	Rs. 45000/-
School of Pharmaceutical and Biological Sciences						
M.Sc. Biotechnology	2 Year	Rs. 60,000/- (annual)		Rs. 55,000/- (annual)		Rs. 1,15,000/-
M.Sc. Biochemistry	2 Year	Rs. 60,000/- (annual)		Rs. 55,000/- (annual)		Rs. 1,15,000/-

Note: This academic fee does not include hostel and mess charges.

Table 4: Tentative Schedule for the Admission Process to the M.Sc. Programme at HBTU, Kanpur for the Academic Session 2025–26

Sr. No.	Activity	Dates
Phase I Admission Process		May 08-June 30, 2025
1.	Online submission of application form by candidates having valid IIT JAM / CUET(PG)-2025 / GAT B – 2025 (only for M.Sc. Biotechnology) / If no valid score card is available, candidate may apply for University Entrance Test 2025 (UET-2025) on official website : www.hbtu.ac.in	May 08- June 15, 2025
2.	Display of Programme wise list of qualified candidates with valid IIT JAM / CUET(PG)-2025/ GAT B – 2025 (only for M.Sc. Biotechnology) score and candidates eligible for University Entrance Test 2025 (UET-2025)	June 20, 2025
3.	Document Verification, and Registration by selected IIT JAM / CUET(PG)-2025/ GAT B – 2025 (only for M.Sc. Biotechnology) candidates	June 24, 2025
4.	Academic Fee deposition by selected GATE / CUET-PG(2025) / GAT B – 2025 (only for M.Sc. Biotechnology) candidates (Online)	June 24-June 25, 2025
6.	University Entrance Test 2025 (UET 2025)	June 25, 2025
7.	Display of Programme wise list of University Entrance Test 2025 qualified candidates	June 27, 2025
8.	Document Verification and Registration by University Entrance Test 2025 qualified candidates	June 30, 2025
9.	Academic Fee deposition by University Entrance Test 2025 qualified candidates (Online)	June 30-July 01, 2025
Phase II Admission process for vacant seats after Phase I		To be announced later
10.	Commencement of Classes for all M.Sc. admitted candidates	August 01, 2025