



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)

Phone : +91-0512-2534001-5, 2533812, website : <http://www.hbtu.ac.in>, Email : vc@hbtu.ac.in

100+
YEARS
1921 - 2021



GUIDELINES FOR ADMISSION TO BS-MS (Mathematics and Data Science) PROGRAMME, SESSION 2024-25

1. **Applications for admission to the BS-MS (Mathematics and Data Science) program at HBTU Kanpur will be through Online Counselling process for the session: 2024-25.** Online Registration and Fee Payment [Rs. 2500/- (Non-refundable)].
2. All the information in connection with BS-MS (Mathematics and Data Science) Admission 2024 shall be made available through the official website: <https://hbtu.admissions.nic.in> and <https://www.hbtu.ac.in>. The candidates are advised to visit the website regularly. University will not be responsible for any loss to the candidate due to the lack of communication.
3. The admission to BS-MS program will be carried out strictly on the merit of the candidate in accordance with the **JEE (Mains) 2024 CRL rank (AIR)** followed by **CUET (UG)-2024**, and then **University Exam** taken in order, subject to the availability of the seat in the category.
4. First phase of online counselling will be based on **JEE (Mains) 2024 CRL rank (AIR)**, if seats remain vacant the second phase of online counselling will be based on **CUET (UG)-2024 rank (Refer point 18, page-5)**.
5. Third phase of admission will be through offline- on campus **University Entrance Exam** provided seats remain vacant after the above stated two phases.
6. Candidates are advised to read following guidelines carefully, check eligibility and applicable reservation category, etc. before filling and submitting the Online Registration Form. University will not be responsible for any error of judgment on the part of the candidate.
7. **Academic Eligibility:**
 - a) The candidate must have **clearly passed** the Intermediate (10+2) **qualifying examination** from U.P. Board or its equivalent from any other recognized Board/University with a **minimum of five subjects in which Mathematics and Physics are compulsory subjects** along with **one of the subjects** from **Chemistry/ Computer Science**.
 - b) **Candidates must obtain at least 55% marks (50% for SC / ST / OBC-NCL / Persons with Disability (PwD) candidates)** in aggregate in the above three subjects i.e. **Mathematics, Physics and Chemistry / Computer Science**.

- c) Qualifying examination Boards, where grades are being awarded, needs to submit equivalent percentage conversion certificate.
- d) In addition, all other eligibility conditions for appearing in JEE (Mains)-2024/ CUET (UG)-2024 examinations shall be applicable to the candidates.

8. **Domicile Requirement:**

- a) A candidate who has passed the intermediate (10+2) qualifying examination from Institution **located in U.P.** is eligible for counselling.
- b) A candidate who has passed the qualifying examination **from outside U.P.** is also eligible for admission provided his/ her parents (Mother or Father) are Permanent Residence of U.P. In such cases, the candidate is required to submit a **Permanent Residence Certificate of U.P. of his / her parents (Father or Mother) issued on or after 01.04.2024 (Certificate No. 03)**
- c) Candidates who are wards of Defence Personnel settled in U.P. or Posted in U.P. on the date of Entrance Examination of **JEE (Mains) 2024/CUET (UG)-2024, Certificate No. 5** to claim the benefit.

OR

Officers/Employees of All India Services belonging to U.P. Cadre are also eligible. They are required to submit **Certificate No. 10** to claim the benefit.

- 9. Accepting admission to HBTU Kanpur implies the acceptance by the candidate and his/ her parents of all the terms and conditions laid down by the University. Any change in the rules, regulations, fees, and other specific conditions etc. of the University shall apply mutatis mutandis to the admitted candidates.
- 10. Candidates claiming advantage of reserved categories, and sub-categories are required to indicate the same in the Online Registration Form and are not required to submit any certificate to the University at this stage. Scanned copies of all relevant documents are to be uploaded after seat allotment and deposition of the Seat Acceptance Fee. Formats for various certificates are available on the HBTU, Kanpur website (www.hbtu.ac.in). **The certificates for OBC candidates need to be issued on or after 01.04.2024 (mandatory condition for non-creamy layer OBC candidates).**
- 11. In case, the Board/University awards only grades for the qualifying examination (10+2) without providing an equivalent percentage of marks, the candidate should obtain a certificate from the Board/University specifying equivalent marks and upload it after deposition of the registration Fee for Document Verification. In case, such a certificate is not uploaded by the candidate, the decision of the Admission Committee regarding his / her eligibility shall be final.
- 12. 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 Court only.

13. Category Definitions, Category Codes, and the Certificate requirements

- a) Candidates who have passed the qualifying examination from an Institution located in the State of Uttar Pradesh and who do not claim any reserved category is eligible for admission to all the courses at HBTU, Kanpur **against available General (OPEN) seats.**

[Code: **UPGE**] *No category certificate is required from such candidates.*

- b) Candidates who have passed the qualifying examination from an Institution located in the State of U.P. and are permanent residents of Uttar Pradesh and belong to Scheduled Caste (SC) of Uttar Pradesh / Scheduled Tribe (ST) of Uttar Pradesh / Other Backward Classes (Non-Creamy Layer- NCL) of Uttar Pradesh are eligible for admission against available reserved seats of their category.

[Respective Code: **UPSC / UPST / UPBC**] *Certificate No. 1 or 2, as applicable, is required.*

- c) Candidates who have passed the qualifying examination from an Institution located outside Uttar Pradesh and **whose parents** are domicile of Uttar Pradesh and who have not claimed for **any reserved category**, are eligible for admission to courses offered at HBTU, Kanpur under General (OPEN) category.

IMPORTANT: Such candidates have to upload the Permanent Residence Certificate of *his / her parents* (Father or Mother only) for Online Document Verification.

[Code: **UPGD**] *Certificate No. 3 is required from such candidates.*

- d) Candidates who have passed the qualifying examination from an Institution located outside Uttar Pradesh and whose parents are domicile of Uttar Pradesh and who belong to Scheduled Caste of Uttar Pradesh / Scheduled Tribe of Uttar Pradesh / Other Backward Classes (NCL) of Uttar Pradesh are eligible for admission against reserved seats of their category.

[Respective Codes: **GDSC / GDST / GDBC**] *Such candidates must upload the Permanent Residence Certificate of his / her parents (**Father or Mother only**) (Certificate No. 3) and category certificate (Certificate No. 1 or 2 as applicable for Online document verification.)*

- e) The domicile requirement for the son/ daughter of the following is relaxed and admission is permitted:

- Defence Personnel settled in Uttar Pradesh on the date of Entrance Examination of JEE (Mains) 2024 / CUET (UG)-2024 after retirement / being disabled in action or Defence Personnel killed in action and the dependents settled in Uttar Pradesh on the date of Entrance Examination of JEE (Mains) 2024 / CUET (UG)-2024. *(Certificate no. 5 is required).*
- Defence Personnel who are not domicile of Uttar Pradesh but are posted in Uttar Pradesh on the date of the Entrance Examination of JEE (Mains) 2024. *(Certificate no. 5 is required)*

- Wards of Employees of All India Services belonging to Uttar Pradesh cadre. (Certificate no. 10 is required)

[Code: GDDA] GDDA candidates will be considered as UPGD category for all other benefits.

14. 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 the 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 an income certificate (Certificate No. 12) issued after 01.04.2024 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 the 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 the UPGL subcategory will automatically be given to all eligible female candidates.
- i) Candidates belonging to other states will have only vertical reservations. 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.

15. **Medical Standards:**

- a) Candidates will have to submit a certificate of Medical Fitness / Handicapped on Certificate no. 8.
- b) The medical standards prescribed are given below:

Height	Candidates should be physically and mentally 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 (PwD):

Physically Handicapped / Disabled persons of Uttar Pradesh will have a minimum of 5% reservation based on impairment as 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 issued by the CMO of the district hospital.

- 16. Formats for various certificates to be uploaded (as applicable) are available on the University website www.hbtu.ac.in or <https://hbtu.admissions.nic.in>
- 17. **University reserves the right to modify the Guidelines as and when required.**
- 18. **CUET (UG) Rank Calculation:**

Formula for Rank calculation:

Rank 1 will be given to the highest normalized score obtained by the candidate in any one of the two CUET (UG) – 2024 subjects, i.e., **Computer Science/ Informatics Practices (Subject Code: 308) OR Mathematics/ Applied Mathematics (Subject Code: 319).**

Note:

- (i) **Normalised score/ marks of any one subject (Computer Science/ Informatics Practices (Subject Code: 308) OR Mathematics/ Applied Mathematics (Subject Code: 319) will be considered, so candidates must ensure giving input of their highest mark.**
- (ii) **Enter the normalised score/ marks up to 4 decimal places only.**

(iii) In case of clash, highest total marks of two compulsory qualifying examination subjects, i.e., Mathematics and Physics entered by all candidates will be assigned better rank.

(iv) If clash still persists, the candidate with higher age will be assigned better rank.

TABLE 1: SEAT MATRIX

DEPARTMENT OF MATHEMATICS	
PROGRAM: BS-MS (Mathematics and Data Science)	
SANCTIONED INTAKE	30
OPNO	10
OPGL	3
OPAF	1
OPFF	0
OPPH	1
BCNO	6
BCGL	2
BCAF	1
BCFF	0
BCPH	1
SCNO	6
SCGL	2
SCAF	0
SCFF	0
SCPH	0
STNO	1
STGL	0
STAF	0
STFF	0
STPH	0
EWS	4
TOTAL AVAILABLE	38

Table 2: Stepwise Online counselling procedure and Fee deposition for BS-MS (MDS) Program 2024-25

1st phase online counselling based on JEE (Mains) 2024 CRL rank (AIR)

STEP 1	Online Registration at https://hbtu.admissions.nic.in & Deposit Registration Fee of Rs. 2500=00 (Non Refundable)
STEP 2	FIRST ROUND COUNSELLING STARTS AFTER THE DISPLAY OF SEAT ALLOTMENT RESULT
2.1	2.1.1 : View Result 2.1.2 : If Seat is allotted, deposit Seat Acceptance Fee in prescribed time Rs. 20,000=00 (for GEN / OBC) & Rs. 12,000=00 (for SC / ST candidates).
2.2	2.2.1 : Upload all relevant documents for Online Document Verification 2.2.2 : After Successful Document Verification Deposit Balance Annual Academic Fee Rs. 60,000=00 (for GEN / OBC) & Rs. 68,000=00 (for SC / ST candidates) Do Academic Registration on University ERP
2.3	2.3.1 : Withdrawal / Cancellation If candidate opts for Withdrawal option or fails to satisfy any of the above activity in stipulated time: The candidate will automatically be out of counselling process. • Refund will be made in due course of time as per refund policy.
STEP 3	SECOND ROUND COUNSELLING STARTS AFTER THE DISPLAY OF SEAT ALLOTMENT RESULT
3.1	3.1.1 : View Result 3.1.2 : If Seat is allotted in Second Round, deposit Seat Acceptance Fee in prescribed time Rs. 20,000=00 (for GEN / OBC) & Rs. 12,000=00 (for SC / ST candidates). 3.1.3: Upload all relevant Document for verification 3.1.4: After Successful Document Verification: Deposit Balance Annual Academic Fee Rs. 60,000=00 (for GEN / OBC) & Rs. 68,000=00 (for SC / ST candidates) 3.1.5: Do Academic Registration on University ERP
3.2	3.2.1 : Withdrawal / Cancellation If candidate opts for Withdrawal option or fails to satisfy any of the above activity in stipulated time, then the candidate will automatically be out of counselling process. • Refund will be made in due course of time as per refund policy.

2nd phase online counselling based on CUET(UG)-2024

STEP 1	Online Registration at https://hbtu.admissions.nic.in & Deposit Registration Fee of Rs. 2500=00 (Non Refundable)
1.1	1.1.1: View Result 1.1.2: If Seat is allotted in Third Round, deposit Seat Acceptance Fee in prescribed time Rs. 20,000=00 (for GEN / OBC) & Rs. 12,000=00 (for SC / ST candidates). 1.1.3: Upload all relevant documents for Online Document Verification 1.1.4: After Successful Document Verification: Deposit Balance Annual Academic Fee Rs. 60,000=00 (for GEN / OBC) & Rs. 68,000=00 (for SC / ST candidates) Do Academic Registration on University ERP
1.2	1.2.1 : Withdrawal / Cancellation If candidate opts for Withdrawal option or fails to satisfy any of the above activity in stipulated time, then the candidate will automatically be out of counselling process. • Refund will be made in due course of time as per refund policy.

3rd phase (offline- on campus) based on University Entrance Exam

STEP 1	To be announced later
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Note:

1. Online counselling process is a time bound process. Candidates are advised to do the needful strictly within the time frame given for the activity. Otherwise, the Candidate will automatically be out of counselling process.
2. Candidates are further advised to visit University Website: www.hbtu.ac.in or <https://hbtu.admissions.nic.in> regularly for timely update.

Refund Policy:

A sum of Rs. 5000/- will be deducted as processing fee in case of withdrawal after submitting Seat Acceptance Fee / Full Academic Fee. Other deductions will be as per UGC guidelines.

Important Note:

- **All refunds will be processed after the last date of Admissions for session 2024-25.**
- **Please fill all the BANK ACCOUNT related information VERY CAREFULLY for timely refund.**
- **If the refund gets stuck or goes to the wrong account due to the incorrect/ wrong information furnished by the candidate then the University will not be responsible).**

TABLE 3: TENTATIVE ACTIVITY SCHEDULE

<i>1st phase online counselling based on JEE (Mains) 2024 CRL rank (AIR)</i>				
Sl. No.	Activity	Sub Activity	Dates	
1.	Online Registration	Online Registration & Fee Payment & Online Choice filling and Choice locking	To be announced soon	
2.	1 st Round Counselling	1 st Round Seat Allotment		
		View Result		
		➤ Deposit of Seat Acceptance Fee ➤ Online Document Submission & Verification, Response by candidate to query (if required)		
		➤ After successful document verification Deposit Balance Academic Fee. ➤ Do Academic Registration on University ERP		
		Withdrawal		
3.	2 nd Round Counselling	2 nd Round Seat Allotment		
		View Result		
		➤ Deposit of Seat Acceptance Fee ➤ Online Document Submission & Verification, Response by candidate to query (if required)		
		➤ After successful document verification Deposit Balance Academic Fee. ➤ Do Academic Registration on University ERP		
		Withdrawal		
<i>2nd phase online counselling based on CUET(UG)-2024</i>				
1.	Online Registration	Online Registration & Fee Payment & Online Choice filling and Choice locking		
2.	Counselling procedure	Seat Allotment		
		View Result		
		➤ Deposit of Seat Acceptance Fee ➤ Online Document Submission & Verification, Response by candidate to query (if required)		
		➤ After successful document verification Deposit Balance Academic Fee. ➤ Do Academic Registration on University ERP		
		Withdrawal		
<i>3rd phase (offline- on campus) based on University Entrance Exam</i>				
1.	Entrance Exam	Guidelines will be issued later (if required)		

TABLE 4: FEE STRUCTURE FOR BS-MS (MDS) PROGRAM FOR SESSION 2024-25

Sl. No.	Particular	BS-MS(MDS)
		AY 2024-25
	Tuition Fee	35000.00
1	Examination Charges	
	University Exam Charges	5000.00
	Enrolment Charges (one time)	1000.00
	Degree & Marksheets Charges	500.00
	Exam. Contingencies Charges	0.00
	Total	6500.00
2	User Charges	
	Registration Charges	500.00
	Recreation Charges	1000.00
	Identity Card Charges	200.00
	Student Welfare Fund	500.00
	Magazine Charges	250.00
	Medical Facility Charges	1000.00
	Computing infra-Charges	5000.00
	University Day Activity Charges	500.00
	Training & Placement Charges	1500.00
	Industrial Exposure Charges	500.00
	Univ. Student Activity Council Charges	2000.00
	Library Facility Charges	500.00
	Laboratory Charges	250.00
	Student Aid & other misc. expenditure on unspecified items.	800.00
	Total	14500.00
3	University Development & Facilities Charges	
	Univ. Development Charges	2500.00
	Univ. Electricity Charges	5500.00
	Fire & Water Charges	300.00
	Electronic Infra Charges	0.00
	Research Initiatives Charges	0.00
	Training Programmes Charges	400.00
	Awards & Automation Charges	0.00
	Skill Development Charges	500.00
	Conferences & Innovative Projects Charges	400.00
	Entrepreneurship Activities Charges	400.00
	Total	10000.00
4	Economically Weaker Section Fund	5000.00
5	Premium for Mediclaim 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