

Harcourt Butler Technical University, Kanpur -02

GUIDELINES FOR ADMISSION TO PhD PROGRAMME SESSION 2022-23

1. **Applications for admission to PhD programs at HBTU, Kanpur are invited for the session 2022-23.** Online Registration and Fee Payment 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 PhD programs. There is no age limit for the candidates seeking admission to the Ph.D. programs at HBTU Kanpur.
3. Candidates are advised to read the guidelines carefully and check their eligibility before filling the online application form.
4. Accepting admission at HBTU Kanpur implies the acceptance of all the provisions of admission by the candidate. 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. 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.
6. If the result of the qualifying examination has not been declared till the date of the document verification due to any reason, whatsoever, such 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 shall be cancelled and he / she may be liable to prosecution under the law. In case of any legal dispute, the jurisdiction will be limited to Kanpur courts only.
8. Incomplete application forms will be rejected and the sole responsibility of its consequences will be on the candidate. No representation in this regard will be entertained.
9. Academic Fee for admission to Ph.D. program is Rs. 65,000=00 (Rs. Sixty Five Thousand only) for session 2022-23.
10. Written examination / Interview and Document Verification for PhD admissions will be conducted at HBTU Kanpur. A separate intimation will be displayed on HBTU website for the purpose.

11. The candidates will be required to qualify in Written Examination comprising of Paper I & II. The contents of the Paper-I will have thrust on testing the skills of data interpretation, language proficiency, reasoning and logic design, research aptitude etc. Paper-II shall be subject specific. Both the papers will contain multiple choice type questions. A candidate is required to obtain an aggregate of 50 percent marks or more in Paper I & II to be called for interview. Weightage of Written Examination and Interview is 70 percent and 30 percent, respectively.
12. **Candidates with valid UGC-NET / CSIR-NET score card who have eligibility for UGC / CSIR Fellowship for PhD (Not for Lecturership) will be preferred over others for admission and they will not be required to appear in the Written Examination. However, they are required to appear for the interviews.**
13. All the departments have 5 PhD seats. Three seats are for full time candidates while one seat each for Sponsored and Part-time candidates. In case of non-availability of sufficient candidates in a particular category, seats may be mutually converted to accommodate applicants from other category.
14. 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.
15. **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 Interview / Counseling for Admissions.**
16. All the information related to PhD admissions for 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.
17. 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 from waiting list.
18. **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.**
19. **University reserve the right to modify the Guidelines as and when required.**

Table 1: Eligibility criteria for PhD programs in different departments of at HBTU Kanpur

Department	No. of Seats	Eligibility
School of Engineering		
Civil Engineering	05	(i) M. Tech. / M. E. Degree in relevant discipline with a minimum of 60 % marks or equivalent CGPA/ CPI. or (ii) B. Tech. degree with minimum 75% marks with 2 years professional experience. or (iii) MCA degree with a minimum of 60 % marks or equivalent CGPA/CPI for MCA Stream (Eligible for pursuing Ph.D. in CSE Engineering Department)
Computer Science & Engineering	10	
Electrical Engineering	05	
Electronics Engineering	05	
Mechanical Engineering	05	
School of Chemical Technology		
Chemical Engineering	05	(i) M. Tech. / M. E. degree in relevant discipline with a minimum of 60 % marks or equivalent CGPA / CPI. or (ii) B. Tech. degree with minimum 75% marks with 2 years professional experience. or (iii) M. Sc. degree with minimum 60% marks in Chemistry / Industrial Chemistry / Applied Chemistry / Bio Technology or equivalent
Bio-Chemical Engineering	05	
Food Technology	05	
Oil Technology	05	
Paint Technology	05	
Plastic Technology	05	
School of Basic & Applied Sciences		
Chemistry	05	M. Sc. degree in relevant discipline with a minimum of 60 % marks or equivalent CGPA / CPI
Physics	05	
Mathematics	05	
School of Humanities & Social Sciences		
Management / Economics	05	Master degree in relevant discipline / subject with a minimum of 60 % marks or equivalent CGPA / CPI

Note:

1. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace marks) to candidates belonging to SC / ST / OBC-NCL / PwD categories for admissions to Ph.D. programmes.
2. A University Fellowship of Rs. 15000=00 per month for a maximum period of three years will be granted to all Full-time PhD students.

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 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.

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

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

Ph.D. Programs Offered by the University

a) Full Time

A research scholar in this category is required to work full-time to pursue Ph.D. work. The student will be eligible to receive University scholarship of Rs. 15000=00 from the University. All applicable University Fee and expenditure for pursuing research shall be charged from the candidate.

b) Sponsored

A research scholar in this category is sponsored by a recognized R&D organization, academic institution, government organization, research laboratory or industry for pursuing Ph.D. in the University on full-time basis. Such students will be required to submit a Sponsorship Certificate from their respective organization along with their GPF / CPF / NPS contribution proof. The University shall not provide any assistantship / scholarship to such research scholars and all the applicable University fee and expenditure for pursuing research work shall be remitted by the sponsoring organization to the University. Research scholars under this scheme shall be treated as full-time students.

c) Part-time

A candidate working at a research centre recognized by the University, regular / contractual faculty members of this University / employees working in Govt. / Govt. aided / Private Engineering Colleges / Universities / Industries / Public sector organizations shall be considered for the admission under this category if their Organization is situated within 100 km distance from HBTU Kanpur. All such candidates have to submit No-Objection Certificate from their employers at the time of interview. Eligible faculty / staff members of the University shall be treated as Part-time students.

d) Quality Improvement Program (QIP)

QIP provides opportunities to faculty members of the degree awarding Engineering Institutions to improve their qualifications by admitting them to Ph.D. programs as per the rules prescribed in the QIP scheme of MHRD, Govt. of India. Research Scholars under this scheme shall be treated as full time students.

TABLE 2: FEE STRUCTURE FOR PhD PROGRAMS

Sl. No.	Particular	PhD Fee (in Rs.)
A	Tuition Fee	25000
B	Non - Govt. Component	
1	Examination Charges	
	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
	Total	10000
2	User Charges	
	Registration Charges	200
	Recreation Charges	100
	Identity Card Charges	200
	Student Welfare Fund	200
	Magazine Charges	250
	Medical Facility Charges	1000
	Computing infra Charges	3000
	University Day Activity Charges	200
	Training & Placement Charges	-
	Industrial Exposure Charges	-
	Univ. Student Activity Council Charges	500
	Computer peripherals & Stationary Charges	500
	Library Facility Charges	2000
	Laboratory Charges	1500
	Student Aid & other misc. expenditure on unspecified items.	350
	Total	10000
3	University Development & Facilities Charges	
	Univ. Development Charges	1000
	Univ. Electricity Charges	7500
	Fire & Water Charges	100
	Electronic Infra Charges	100
	Research Initiatives Charges	100
	Training Programs Charges	200
	Awards & Automation Charges	200
	Skill Development Charges	300
	Conferences & Innovative Projects Charges	200
	Entrepreneurship Activities Charges	200
	Outsourcing Facilities & other misc. expenditure on unspecified items.	100
	Total	10000
4	Economically Weaker Section Fund	-
5	Premium for Medclaim of Students (per Annum)	-
6	Other Charges	
	Caution Money (Library/W.S/Labs) one time	1000
	Univ. Alumni Association Membership one time	1500
	Information Brochure Charges one time	300
	Contingent & Misc. Charges	7200
	Total	10000
	Grand Total (A+B)	65000
	(Rupees Sixty Five Thousand Only)	

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

Table 3: Schedule for admissions to PhD 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, 2022 (Tuesday) to July 19, 2022 (Tuesday midnight)
2.	Display of list of candidates eligible for Written Examination (Department & Program wise)	July 22, 2022 (Friday)
3.	Written Examination, Interview and display of list of qualified candidates. (Candidates with UGC / CSIR Fellowship score (not for Lecturership) are exempted from written examination)	August 02-04, 2022 (Tuesday -Thursday)
4.	Registration and Academic full Fee deposition by selected candidates	August 05-10, 2022 (Friday – Wednesday)
5.	Commencement of classes	August 11, 2022 (Thursday)