

GOVERNMENT COLLEGE OF ENGINEERING & CERAMIC TECHNOLOGY

WEST BENGAL

An autonomous institute under

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY

Vide UGC letter number F.22-1/2017(AC) Dated 17th October, 2017

Information Brochure

Ph. D Program Admission 2022 -2023

Applications are invited for admission to the Doctor of Philosophy (Ph. D) program in Department of Information Technology and Department of Ceramic Technology with the following specialization area as listed below. The applicants who have cleared UGC-NET (including JRF)/UGC-CSIR NET (including JRF)/SLET/GATE/teacher fellowship holders or passed M.E/M. Tech. or equivalent examinations from recognized Institute can apply directly. Selection of these candidates will be determined on the basis of their performance in the Interview.

Table 1: Department of Information Technology

1.	Machine learning and its Applications
2.	Social Network Analysis
3.	Image Processing and its Applications
4.	Electronic Device analytics
5.	Mobile Computing and its Applications
6.	High performance Computing
7.	Theoretical Computer Science
8.	Data Science
9.	Network Security
10.	IOT and its applications

Table 2: Department of Ceramic technology

1.	Waste material utilization and characterization
2.	Tribomechanical characterization of materials
3.	Glass Technology
4.	Refractories
5.	Whiteware, Tiles, Insulators and Sanitaryware
6.	Metal Ceramic composites, Textile ceramic composites
7.	Nanoceramics
8.	Bioceramics and its applications
9.	Advanced ceramics
10.	Cement and Concrete based material

1. Eligibility criteria for admission:

Candidates seeking admission to the Ph.D. program under the university must have minimum 55% marks or an equivalent CGPA in the qualifying Master's degree examination like M. E/M. Tech or equivalent examinations. Students with B.Tech degree in appropriate discipline may apply but have to appear in written examination.

Note:

- ❖ Candidates belonging to SC/ST/OBC (non-creamy layer)/Differently-abled categories shall have minimum 45% marks or an equivalent CGPA.
- ❖ A relaxation of 5% of marks, from 55% to 50%, may be allowed to the candidates, who obtained their Master's degree prior to 19th September, 1991.
- ❖ The eligibility marks of 55% (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of marks to the categories mentioned above are permissible based only on the qualifying marks without including the grace marks.

2. Selection of candidate:

The selection of a candidate shall be based on the performance in the interview conducted by the subject specific Ph.D Committees.

3. Fee structure:

- a) Application fee- Rs 500/-
- b) Enrolment interview fee- Rs 2,000/-
- c) PhD Program admission fee- Rs 6,000/-
- d) PhD thesis submission fee- Rs 19,500/-

4. Important dates:

- a) Last date for submission of online application: 14th January, 2023
- b) Enrolment interview date- Shall be informed through email.

5. Instructions for filling up the Application form

- a) The payment receipt of application fee of Rs. 500/- so obtained after online payment is to be attached with the application.
- b) After payment of application fee, apply online at <https://gcect.ac.in/> as per your eligibility for the Enrolment interview. Please read the instructions carefully to fill the correct application form.
- c) Discipline: Choose from the table1 or Table 2.
- d) If employed, upload the scanned copy of NOC(* Nobody will be allowed to appear in interview with original copy)
- e) Qualifications: Mention the highest degree first in a descending order.
- f) GATE/NET/SLET/Equivalent: Mention the details

g) Fee details: Mention the reference number of online fee payment.

h) The list of selected candidates in the interview shall be notified on the institute website.

6. Documents to be submitted:

a) Print out of filled application form and payment receipt at the time of interview.

b) Self-attested copy of all Mark sheets and degree certificates mentioned in the application form.

c) Self-attested copy of GATE/NET/SLET or relevant certificate for exemption of Entrance Test.

d) No objection certificate from employer in original along with Photo copy of the same, in case of employed applicant.

e) Two photographs (Passport size), one to be affixed on this form and one without signature & seal to be attached (for use in the Ph.D. registration letter) with this form

PAYMENT DETAILS INSTRUCTION FOR PH.D. APPLICATION (ENROLLMENT INTERVIEW)

Please submit the Ph.D. Application fees (Enrollment Interview) through online banking (Gpay / Phonepay/ Paytm / Net Banking / others) of Rs. 500/- (Five Hundred only) to the Institute Bank account as –

Account Details: State Bank of India, Beliaghata branch

A/C No. 30089300316

IFSC code: SBIN0001798

After payment of application fee you have to apply online at <https://gcect.ac.in/> by creating login id then as per your eligibility for the Direct Enrollment Interview, , Rs 500/- fee payment receipt (FORMAT: Doc/ PDF / Image/ JPEG) and one combined file with Highest Qualification Mark Sheet , Certificate, NET or GATE Certificate (if any), Caste Certificate (if any) (FORMAT: Doc / PDF).