



**Department of Pure Mathematics
University of Calcutta
35, Ballygunge Circular Road
Kolkata – 700 019**

Advertisement for admission to Ph. D. Programme in Pure Mathematics, 2024 –2025.

Applications are invited for admission to the Ph.D. programme in Pure Mathematics, C.U. (preferably in the areas Complex Analysis, Measure Theory, Functional Analysis, Rings of Continuous Functions and Differential Geometry). Candidates desirous of enrolling in the said Ph.D. programme are to apply online in the prescribed form (<https://forms.gle/Je3dJtH51PHuiXKRA>) after paying the prescribed **application fee of Rs. 100/- (online) through SBI Collect [<https://www.onlinesbi.com/sbicollect/>]*. Those who have already obtained M.Sc. Final Semester results can only apply. The details about the proposed admission test [RET] (written- MCQ type questions with single/multiple correct answers) and subsequent interview of the candidates are given below. The candidates who have cleared UGC / CSIR(JRF/LS) / NET / SET / SLET / valid GATE / NBHM for JRF / Inspire Fellowship or have passed equivalent examinations or passed the M. Phil examination are not required to take the Ph.D. entrance test (RET); however, they've to appear for the interview.**

*[To make the payment go to the site specified above, then choose **State-(West Bengal), Type-(Educational Institution)**, then select **Calcutta University** and proceed to **Category-(Payment of Misc. Fees)**, choose **Application for Admission to PhD** and proceed to the next step]

(a) Date and venue of written test for Ph.D. Entrance Examination (RET) – 18.07.2024 (12:00 noon. - 2:00 p.m.) , Department of Pure Mathematics, University of Calcutta; 35, Ballygunge Circular Road; Kolkata – 700 019.

On the day of his/her written test (RET), a candidate must submit the filled-in application form (i.e., the hard copy of the uploaded form) along with photocopies of all the testimonials.

(b) Date and venue of Interview for the qualified candidates: From 6th August, 2024 to 9th August, 2024 , Department of Pure Mathematics, University of Calcutta; 35, Ballygunge Circular Road; Kolkata – 700 019.

On the day of his/her interview, a candidate must submit the filled-in application form (i.e., the hard copy of the uploaded form) along with photocopies of all the testimonials.

Candidates are also requested to bring all the original testimonials for verification, on the day of his/her interview.

(c) Maximum Number of seats available for the Ph.D. Programme – 9

[Reservation regarding SC/ST and others will be followed as per rules]

(d) Syllabus – Topics covered in B.Sc.(Hons.) and M.Sc. courses in Pure Mathematics (excluding topics in elective papers)

(e) Candidates are required to **apply online** using the link given in the advertisement.

(f) Deadline for application – **05.07.2024**

(g) The list of successful candidates in the entrance test will be displayed in

the departmental Notice Board on **22.07.2024 (after 3:30 pm)**.

(h) Area of Research : i) Complex Analysis
ii) Functional Analysis
iii) Measure Theory
iv) Differential Geometry
v) Rings of Continuous Functions

(i) List of documents to be uploaded during filling up of the application form online :
[Size of the uploaded documents must not exceed 10 MB altogether]

- Recent colour photo of the candidate.
- M.Sc. final mark-sheet.
- Rank Card/Certificate etc. of NET/SET/GATE/M.Phil. etc.
- Caste Certificate, if applicable (SC/ST/OBC-A/OBC-B etc.).
- SBI Collect Transaction document.
- Application Form available with this advertisement (to be downloaded, filled up and signed before uploading)

All the candidates qualified for interview will be intimated individually through their email.

Qualifying RET does neither ensure any research fellowship nor guarantee registration for the Ph. D. degree.

For further details regarding the new regulations and admission procedure for Ph. D. programme in general, Calcutta University Website may be referred to (www.caluniv.ac.in).

Click on the Link to apply online : <https://forms.gle/Je3dJtH51PHuiXKRA>



Application Form for the Ph.D. Programme in the Department of Pure Mathematics
University of Calcutta

[Application Fee : Rs. 100/- through State Bank Collect]

Paste here a recent stamp size photo

Name (in block letters) :

Permanent Address:.....

..... PIN

Father's Name : Marital Status :

Whether SC/ST/OBC-A/OBC-B/PH..... (Attach self-attested supportive document).

Phone Number :

E-mail Address :@.....

Academic Qualification (Attach self-attested supportive documents) :

Name of the Examination	Year	Board/University	Subjects Taken	Division / Class	% of Marks

Whether Qualified in M. Phil / NET/ Valid GATE / SET /Equivalent Examination (NBHM /Inspire, etc.) :

Present Position :

On which area(s) you are interested to pursue your research (Tick mark [√] at most two) :

Complex Analysis / Functional Analysis / Measure Theory / Differential Geometry/ Rings of Continuous Functions

Place :

Date :

Signature of the Applicant