

PhD enrolment in Applied Physics (Instrumentation Engineering)

Applications are invited for admission to the Ph.D. programme in Applied Physics (Instrumentation Engineering). Candidates willing to pursue research work leading to the Ph.D. (Tech.) degree in Applied Physics (Instrumentation Engineering), University of Calcutta may apply as per the criteria below:

Total Number of Seats: 02

(Reservation Policy as per CU Norms)

Eligibility:

Candidates for admission to the Ph.D. program shall have a:

(i) Master's degree in Engineering/ Technology or its equivalent (equivalence to be approved by the corresponding body of this University), with at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale.

(ii) First class Bachelor's degree in Engineering or Master's degree in Science with at least 55% marks in aggregate. However, they have to pass through an entrance test (short answer type) and / or other formalities as per the CU PhD Regulation-2016.

A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-abled and other categories of candidates as per CU Ph.D. Regulations, 2016.

For further information candidates may go through University of Calcutta PhD regulation 2016 available at University website www.caluniv.ac.in.

Application Procedure:

Candidates should apply to the Head, Department of Applied Physics, in the proforma mentioned below by paying Rs. 100/- through a challan obtainable in the College Street cash counter of the University of Calcutta or through online by i) click <https://www.onlinesbi.com/sbicollect/icollecthome.htm> ii) Check box; Proceed iii) State of corporate/ institution- West Bengal ; Type of corporate/institution- Educational institutions iv) Educational institute name- CALCUTTA UNIVERSITY ONLINE PAYMENT v) Select payment category- Entrance fees for PhD program vi) Remarks- Entrance fees for RET 2025, Instrumentation Engineering, Department of Applied Physics

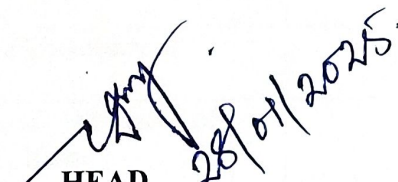
Entrance Test (Applicable to candidates as mentioned in C.U. Ph.D. Regulation-2016):

- The Ph.D. entrance test will consist of two parts (a) Written test (b) PPT presentation followed by interview. The written test will be of Multiple Choice Question type and/or Short Answer type. The examination will be of 1 (one) hour duration.
- The questions of the written test will, in general, cover topics of Instrumentation Engineering, Electrical Engineering, basics of Physics, Electronics, Communication Systems and Computer Science.
- Qualifying marks for the written test is fixed at 50%.
- The candidates qualified in the written test will have to appear for an interview with a PPT presentation on proposed area of research for final selection.
- The interview will be on the proposed area of research and related topics.

- The final selection will be on the basis of the criteria fixed by the Department.
- Declaration of names of selected candidates to be notified later through Departmental Notice Board and / or University website (Subject to approval of the Honorable Vice Chancellor).
- No TA/DA shall be paid to the candidate for appearing the Entrance Test or called for the Interview.

Important Dates:

Date of Publication of Advertisement in University website	10.02.2025
Last date for submission of duly filled in admission forms	03.03.2025
Publication of list of candidates to appear at the Entrance Test and list of candidates directly eligible to appear at the interview	07.03.2025
Date, Time and Venue of Entrance Test	12.03.2025 Department of Applied Physics 12 Noon
Publication of list of candidates qualifying for the interview	18.03.2025
Date, Time and Place of interview followed by a presentation of research proposal	24.03.2025 Department of Applied Physics 12 Noon
Publication of results	28.03.2025 (Subject to approval of the Hon'ble Vice Chancellor, CU)


HEAD
DEPARTMENT OF APPLIED PHYSICS

Head
Department of Applied Physics
University Colleges of Sc. & Technology
University of Calcutta
92, A.P.C. Road, Kolkata-700 009



University of Calcutta
Application Form for the admission to the Ph.D. Program in Applied Physics (Instrumentation Engineering) , Department of Applied Physics

Name (in block letters)	:	
Date of Birth	:	
Father's Name	:	
Sex (Male/Female /Third Gender)	:	
Marital Status	:	
Whether SC/ST/OBC/ Physically Challenged/	:	
Nationality	:	
Address for Communication	:	
Phone No/ Mobile No	:	
E-mail ID	:	
Employed/unemployed	:	
Name and address of employer, if any	:	
Whether qualified in NET/SLET/equivalent examination	:	
Field of Research		Instrumentation Engineering
Proposed Area of Research (A 400-word Research Proposal is to be attached with the application form. It is desirable to be in line	:	# separate sheet can be attached

with the Departmental research area.)		
Calcutta University Challan No. and Date	:	
Whether enrolled/ registered/ submitted/ awarded for PhD degree elsewhere	:	

Academic Qualifications :

Name of the Examinations	Year Of passing	Board /University	Subjects taken	Div./ Class	% of Marks	Equivalent grade if any
Madhyamik/ equiv.						
Higher Secondary/ equiv.						
B.Sc.(Hons.)						
M.Sc.						
B.Tech./ BE						
M.Tech./ME						

Signature of the applicant with date

* Filled in application forms, accompanied by self attested xerox copies of the relevant marksheets and certificates, **A 400-word Research Proposal** and the counterpart of a challan (obtainable from the Cash Counter of the University at the College Street campus) of Rs.100/- should be submitted to **the office of the Department of Applied Physics, 92, A. P. C. Road, Kolkata 700009 on all working days between 12 Noon to 4 PM. The challan should necessarily be endorsed by the HOD before deposition of fees at any Cash Counter of the University.**

** Original documents may be asked for as and when required by the appropriate authority

*** Employed candidates are required to submit a no-objection certificate from their present employer as and when required.

Receipt

Department of Applied Physics, University of Calcutta

Received one application form without verification from.....
for the Ph. D. Programme in Applied Physics (Instrumentation Engineering) through RET 2025 in
Applied Physics Department, CU.

Signature with stamp

.....✂.....



Ph.D. Programme Admission Test
Department of Applied Physics, University of Calcutta
RET 2025

HALL TICKET

Hall Ticket No.

Name:

Address:

Contact Phone / e-mail:

Venue: Department of Applied Physics, 92 A. P. C. Road, Kolkata 700 009

Time: 12 Noon

Paste a recent
passport size
photograph here

➤ **Other relevant points of Admission procedure:**

- Questions for the admission test will be set by: Prof. M. Mitra, Dr. C. Dey, Dr. S. Pal, Dr U. Mondal
- Answer scripts will be checked by the teachers of Instrumentation Engineering section of the Department.
- Interview Board: HOD (Chairman), Prof. M. Mitra, Dr. C. Dey, Dr. S. Pal, Dr U. Mondal
- All results will be published after approval of the Departmental Committee.