



PRESIDENCY UNIVERSITY
Kolkata
Admission Notification for Ph.D. Programme
Session 2025-2026 (Even)

Ref.No. PU/FC/1037/PhD/notice/2025

Date: 15/12/2025

Online Applications are invited from UGC or UGC – CSIR NET qualified candidates for admission to the Ph.D. Programme of Presidency University in various departments/school/institute for the session 2025-2026 (Even). Only completed online applications will be considered. Applicants are required to pay Rs 500/- (non-refundable) as application fee after submission of online form within stipulated date. No application will be considered without payment of Application Fee.

A. Essential qualification:

- a) Candidates for admission to the Ph.D. program shall have a Master's degree with at least 55% of marks in aggregate or its equivalent grade.
- b) A relaxation of 5% of marks or an equivalent relaxation of grade may be allowed for those belonging to SC/ST Person with Disability (PwD) as per UGC guidelines.
- c) UGC or UGC-CSIR NET qualified with valid NET certificate. The marks obtained in the NET by the candidates in Category 2 (LS & PhD) and Category 3 (PhD only) will be valid for a period of one year for admission to Ph.D.

B. Application Procedure and Important Dates:

Application form will be available in <http://14.139.217.88/> . Interested candidates are required to fill up the online application form. Application number will be generated after completion of online application. Use the system generated application number to pay the non-refundable application fee of Rs-500/- (and applicable bank charges) in SBI Collect Portal. Application Form will be generated after 2-3 working days from the date of payment. **Send/ drop the Application form along with mark-sheets/grade-cards, certificates and synopsis and copy of the Payment Receipt** to the following address:

To
The Secretary, Faculty Councils,
Presidency University,
86/1, College Street,
Kolkata-700073

No application will be considered without payment of non-refundable application fee.

Important Dates

Start date for applying online	: 15 th December, 2025
Start date for online payment	: 15 th December, 2025
Last date for applying online	: 29 th December, 2025 (till 12 noon)
Last date for online payment	: 29 th December, 2025 (till 2 Pm)
Last Date for receiving Hardcopy of the application	: 5 th January, 2025 (till 3PM)
Interview/test schedule	: Will be informed by the Department

C. Provisional Seat Matrix:

Department wise and category wise availability of seats are given below. Reservation of seats for Person with Disability (PwD) will be as per Department of Higher Education (University branch), Government of West Bengal order no 1084(20)-Edn(U)/EH/1U-89/13 dated 7th December, 2018. PwD seats are included in the total number of seats in respective department/School/Institute.

Sl. NO.	Department/ School/ Institute Name	Category wise vacancy list						
		UR	SC	ST	OBC-A	OBC-B	EWS	TOTAL
1	Chemistry	10	08	03	03	00	05	29
2	Physics	22	09	03	06	03	06	49
3	Life Sciences	12	05	02	04	03	01	27
4	Mathematics	11	06	01	03	03	03	27
5	Statistics	02	02	01	01	01	01	08
6	Economics	03	02	01	01	01	01	09
7	Hindi	01	00	00	00	00	1	02
8	Philosophy	03	00	00	00	00	02	05
9	Geology	08	04	01	01	01	01	16
10	Geography	05	02	02	02	02	04	17
11	Astrophysics	01	03	01	00	00	01	06
12	Institute of Health Sciences	05	03	01	01	02	01	13
13	Bengali	01	02	00	00	01	00	04

D. Available Research Areas

Department/ School/ Institute Name	Available Research Areas **
Hindi	Open
Bengali	a) Open- 02 b) Drama-01 c) Translation-01
Institute of Health Sciences	a) Neurobiology and Epigenetics (1) b) Plant Molecular biology (2) c) Leukemia Biology & Epigenetics (1)

	d) Infectious disease and immunology (1) e) Nanomedicine & Biomedical Imaging (1) f) Molecular Endocrinology and Cancer Biology (1) g) Synthetic and Medicinal Chemistry (2) h) Nanobiotechnology (1) i) Molecular biology of targeted therapy in breast cancer (1) j) Micro-RNA modulation in cervical cancer (1) k) Micro-nutrient homeostasis in crop plants (1)
Philosophy	a) Ethics b) Issues of Justice c) Logic d) Applied Ethics e) Practical ethics f) Medical Ethics g) Environmental Ethics
Chemistry	a) Organic Chemistry b) Inorganic Chemistry c) Physical Chemistry d) Energy Storage e) Environmental Chemistry f) Material Science
Statistics	Candidates must have NET in Mathematical Sciences / Statistics / Population Studies.
Astrophysics	a) Cosmic Microwave Background b) Large Scale Structure c) Galaxy Evolution d) Numerical Simulations e) Active Galaxies f) Multiwavelength Astronomy g) High Energy Astrophysics
Geology	a) Invertebrate Palaeontology and sedimentary geochemistry. b) Sedimentology c) Structural Geology and Tectonics d) Planetary Geology e) Hydrogeology f) Geophysics g) Quaternary Geology h) Geochemistry i) Environmental Geology j) Ore Geology k) Organic Biogeochemistry l) Carbon sequestration

Physics	<ul style="list-style-type: none"> a) Nuclear reactions b) Gravitation c) Quantum optics d) Material science
Mathematics	<ul style="list-style-type: none"> a) Functional Analysis and operator Algebra-3 b) Geometric and Analytic Group Theory (desired prerequisites – an exposure to differential geometry and algebraic topology) -3 c) Optimization Techniques and Operations Research – 4 d) Mathematical Physics (applications to relativity and cosmology -- requires ODE, PDE, Classical Mechanics, Numerical Analysis, Geometry, etc)-4 e) Lie Algebra and Representation Theory - 2 f) Mathematical biology-2 g) Mathematical Analysis and Fractal Geometry-2 h) Complex Analysis & Holomorphic Dynamics-2 i) Rings of Continuous Functions-2 j) Nonlinear Dynamics -3
Economics	Open
Life Sciences	<ul style="list-style-type: none"> a) Impact of heavy metal exposure on pathogenesis of non-communicable diseases (2) b) Crop improvement via Genome editing and Transgenics (1) c) Biochemical and biophysical characterization of photo-switchable transcription factors/ DNA- repair enzymes for applications in optogenetics and synthetic biology (3) d) Computational Biology, Bioinformatics (3) e) Neurophysiology (1) f) Airborne pollution related inflammation Biology (1) g) Cancer immunology, Cancer cell signalling & therapeutics (3) h) Molecular Phyto PathoGenesis : Biotechnological Strategies for Enhancing Crop Disease Resistance, Biocontrol of Plant Pathogens (2) i) Collective cell migration, Drosophila (2) j) Molecular endocrinology and reproductive physiology and reproductive disorders (3) k) Microbiology (1) l) Eco-toxicology, ecological modelling of marine ecosystem under projected climate change scenario, Marine biotechnology (2) m) Integrative Proteogenomic and Chronobiological Mechanisms in Cancer Progression (3)

Geography	a) Geography of Tourism b) Geomorphology c) Climatology d) Pedology e) River Dynamics f) Natural Hazard g) Tectonics h) Lake/ reservoir sedimentation and sediment connectivity i) Urban Rivers j) Urban water logging and water governance k) Thunderstorms, drought and ground water stress l) Water resource management m) Sustainable development n) Environment o) Political Geography
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**** Note:** Number and/ or Category, mentioned within parenthesis against any research area, represents number of vacancy under the specified category (if any) for the specified research area.

E. Reservation of Seats for SC/ST/OBCA/OBCB/EWS/PWD

The reservation policies of West Bengal State Higher Education Institutions (Reservation in Admission) Act, 2013 and West Bengal State Higher Education Institutions (Reservation in Admission) Act, 2014 will be followed for admission in reserved seats for SC/ST/ OBC A/OBC B/EWS/PWD along with any extent orders as applicable at the time of admission.

Candidates claiming such seats must submit relevant Certificate issued by the competent Authorities as given below.

The certificate is to be produced during interview, admission etc. If the certificate is then found to be invalid, the candidate will lose the opportunity of admission in reserve category and will be treated as General category.

Reservation of seats for PWD candidates

- a) According to Section 2(r) of the RPWD Act, 2016, “**persons with benchmark disabilities**” means a **person with not less than forty percent (40%) of a specified disability** where specified disability has not been defined in measurable terms and includes a person with disability where specified disability has been defined in measurable terms, as certified by the certifying authority.
- b) Accordingly, reservation in PWD seats will be available for the following types of disabilities, percentage of disability being not less than 40%.
 - i. Locomotor disability as specified in the Schedule of RPWD Act, 2016.
 - ii. Visual impairment as specified in the Schedule of RPWD Act, 2016.
 - iii. Hearing impairment as specified in the Schedule of RPWD Act, 2016.
 - iv. Speech & language disability as specified in the Schedule of RPWD Act, 2016

- v. Intellectual disabilities as specified in the Schedule of RPWD Act, 2016
- vi. Mental illness.
- vii. Disabilities caused due to chronic neurological conditions and blood disorder.
- viii. Multiple disabilities including deaf blindness.

c) PWD certificates are to be issued by any of the authorities as given in the Order No. 289-HF/O/PHP/IR-05/2017 dated 29.08.2018 by the Government of West Bengal, Health & Family Welfare Department (PHP Branch).

Competent Authorities for the issuance of SC/ST Certificate for WB domicile candidates claiming under such reserve category of seats

SC/ST Certificates are to be issued by any of the following authorities:

- (i) Sub-Divisional Officers for all districts except Kolkata
District Welfare Officer, Kolkata & Ex-Officio Joint Director, B.C.W. Dept. in case of Kolkata Municipal Area [as defined in clause (9) of Section 2 of K.M.C Act, 1980]

Competent Authorities for issuance of EWS Certificate for WB domicile candidates claiming under such reserved category of seats and others.

As per Office Memorandum No. 325-PAR(AR)/3P-1/2019 dated 09th July 2019 issued by the Personnel & Administrative Reforms Department (Administrative Reforms Cell), Govt. of West Bengal read with Memorandum No. 959-BCW/MR-52/2019 dated 18th May 2023 issued by Backward Classes Welfare Department, Govt. of West Bengal, EWS Certificates are to be issued by any of the following authorities:

- a) District Magistrate/ Additional District Magistrate
- b) Sub-Divisional Officers
- c) District Welfare Officer, Kolkata and Ex-officio JD, BCW & TD in respect of Kolkata covering the jurisdiction of the Kolkata Municipal Corporation.

N.B. For eligibility and other details, please follow the Memorandums mentioned above.

Competent Authorities for the issuance of OBC-A (NCL*) / OBC-B (NCL*) Certificate for candidates claiming under such reserve category of seats:

As per Notification vide No. 374(71)-TW/EC/MR-103/94 dated 27/7/1994, read with Memorandum No. 1204-SBCW/MR-67/10 dated 27/7/2015 issued by Backward Classes Welfare Department, Govt. of W.B., the Sub Divisional Officer of a Sub- Division in a District is the certificate issuing authority. In Kolkata such certificate is issued by such an officer as the State Government by modification authorizes. Accordingly, the District Welfare Officer, Kolkata, and Ex-officio Joint Director, BCW Dept. has been notified to act as the certificate issuing authority in respect of Kolkata covering the jurisdiction of the Kolkata Municipal Corporation.

***NCL- Non-Creamy Layer**

F. Selection Procedure

All applicants are required to submit a research proposal within 500 words. Applicants may be shortlisted by the department/school/institute based on the research proposals/area of availability of guide in the proposed research areas and other academic criteria. All eligible candidates will have to appear at test and interview / interview, conducted by the Departmental Ph.D. Selection Committees of the University following the UGC guidelines. In interview, the candidates will be expected to discuss their research interests. Following the selection procedure, a list of qualified candidates will be published and displayed by the University through the official website. Candidates selected for the Ph.D. Programme will be attached to the respective Department/ School/ Institute at the time of their provisional admission and will be required to enroll on payment of a non-refundable fee, determined by the University.

Sd/-

Secretary, Faculty Councils, Presidency University