



PRESIDENCY UNIVERSITY
Kolkata
Admission Notification for Ph.D. Programme
Session 2024-2025 (August cycle)

Ref.No. PU/FC/545/PhD/Notice/Aug/2024

Date: 25 /07/2024

Online Applications are invited from UGC or UGC – CSIR NET / NET – LS qualified candidates (with valid certificate) for admission to the Ph.D. Programme of Presidency University in various departments/school/institute for the session 2024-2025 (August cycle). Only completed online applications will be considered. Applicants are required to pay Rs 500/- as application fee (non-refundable) 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/OBC-A/OBC-B/ Person with Disability (PwD) as per UGC guidelines.
- c) UGC or UGC-CSIR NET/NET-LS qualified(with valid certificate).

B. Application Procedure and Important Dates:

Visit <https://presiuniv.ac.in/web/admission.php> for **Application procedure and online form**. 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.

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	: 30 th July, 2024
Start date for online payment	: 30 th July, 2024
Last date for applying online	: 13th August, 2024 (till 5pm)
Last date for online payment	: 13th August, 2024
Last Date for receiving Hardcopy of the application	: 21 st August, 2024
Interview/test schedule	: Will be communicated 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 available seats matrix						
		UR	SC	ST	OBC-A	OBC-B	EWS	Total
1	Bengali	01	01	01	01	01	01	06
2	History	0	01	02	02	01	01	07
3	Sociology	02	02	0	01	0	01	06
4	Hindi	01	0	0	0	0	01	02
5	English	01	01	0	0	0	01	03
6	Philosophy	01	01	01	0	0	01	04
7	Physics	20	11	03	05	03	06	48
8	Life Sciences	09	05	01	01	01	02	19
9	Economics	02	01	0	01	0	01	05
10	Mathematics	08	05	01	02	02	04	22
11	Chemistry	19	14	06	06	02	02	49
12	Statistics	01	0	0	01	0	01	03
13	Geology	05	02	02	02	02	02	15
14	Astrophysics	03	01	01	0	01	01	07
15	Institute of Health Sciences (Newtown campus)	07	03	0	0	0	01	11

D. Available Research Areas

Department/ School/ Institute Name	Available Research Areas **
Bengali	<ul style="list-style-type: none"> a) Fiction (3) b) Drama (1) c) Medieval Age Lit (1) d) Open (1)
English	<ul style="list-style-type: none"> a) Critical race and caste studies b) Subalternity and literature c) African literature d) 19th century Bengal e) Postcolonialism and Modernity f) Early 20th century intellectual history of the Indian subcontinent g) Posthumanism h) Literature of the Anthropocene i) British Romantic Literature
History	<ul style="list-style-type: none"> a) Political history of colonial and postcolonial South Asia b) Religious movements in colonial and postcolonial South Asia c) Religio-cultural history of colonial and postcolonial South Asia d) History of Modern Kashmir e) Modern Indian History f) Jewish History g) Genocide Studies h) Interfaith Relations i) Minority Studies
Philosophy	<ul style="list-style-type: none"> a) Ethics b) Social-Political Philosophy
Hindi	Open
Sociology	Open
Chemistry	<ul style="list-style-type: none"> a) Organic Chemistry b) Inorganic Chemistry c) Spectroscopy d) Theoretical Chemistry e) Material Chemistry f) Polymer Chemistry g) Electrochemical Energy Storage and Conversion h) Bioinorganic Chemistry
Geology	Open

Department/ School/ Institute Name	Available Research Areas **
Physics	<ul style="list-style-type: none"> a) Quantum Optics and Quantum Information (1) b) Gravitation and Early Universe Physics (2) c) Nuclear Physics: Theory & Experiment (3) d) Materials Science Experiment (2) e) String Theory (1)
Life Sciences	<ul style="list-style-type: none"> a) Molecular Virology (1) b) Molecular Microbiology (1) c) Cancer Proteogenomics (2) d) Epigenetic regulation in plant stress, human diseases (1) e) Cancer cell signalling & immunology (2) f) Microbiology (1) g) Endocrinology (1) h) Cancer biology (1) i) Disease biology (1) j) Biochemistry, Molecular Biology, Botany, Zoology, Instrumentation engineering (6) k) Phytochemistry, natural products, Chemotaxonomy and pharmacology (2)
Economics	Applied Development Economics, Social and Economic Network Analysis, Labour Economics, Monetary Policy
Mathematics	Geometric and Analytic Group theory, Group theory, Graph Theory, Inventory and Supply chain management (Computer programming knowledge preferable), Theoretical and Observational Cosmology, General Relativity, Lie Algebra and Representation Theory, Qualitative Theory of Ordinary Differential Equations, Dynamical Systems, Fractal Geometry and Fractal Geometry and Fractal Approximations, Complex Analysis / Ergodic theory, Rings of Continuous Functions, Nonlinear Dynamics.
Statistics	<ul style="list-style-type: none"> a) Nonparametric Inference, b) Statistical inference on manifold data, c) Test of hypothesis under curved exponential family, d) Robust Bayesian Inference, e) Sequential Design
Institute of Health Sciences (Newtown Campus)	<ul style="list-style-type: none"> a) Tumor Virology (1) b) Nanobiotechnology (1) c) Bacterial biofilm (1) d) Infectious disease and immunology (1) e) Cell biology of ciliogenesis and centrosome assembly (1) f) Biomaterials (1) g) Plant Molecular Biology (1) h) Innate immune regulation of Neurotropic viruses (1)

Department/ School/ Institute Name	Available Research Areas **
	i) Synthetic and medicinal chemistry (2) j) Hepatitis C virus induced liver disease (1)
Astrophysics	a) Cosmic Microwave Background b) Large Scale Structure c) Galaxy Evolution d) Numerical Simulations e) Active Galaxies f) Multi-wavelength Astronomy g) High Energy Astrophysics

**** 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/OBC-A/OBC-B/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 upload 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/shortlisted candidates will have to appear at test and interview / interview, conducted by the Departmental Ph.D. Selection Committees of the University. In interview, the candidates will be expected to discuss their research interests. Following the selection procedure, a list of selected candidates (preferably mentioning their areas of research interest(s) 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, Kolkata**