

**Jadavpur University**  
**Faculty of Interdisciplinary Studies, Law & Management**

**Admission to the Ph.D Program**  
**Session: January 2023 – June 2023**

Date: 03 February 2023

Applications are invited from **Indian nationals** for admission to the Ph.D. program in the School of Advanced Studies in Industrial Pollution Control Engg., School of Bioscience & Engineering, School of Education Technology, School of Environmental Studies, School of International Relations and Strategic Studies, School of Languages & Linguistics, School of Laser Science & Engineering, School of Materials Science & Nanotechnology, School of Mobile Computing & communication, School of Natural Products Studies, School of Nuclear Studies & Application, School of Oceanographic Studies, School of Water Resources Engineering, and Dept. of Adult, Continuing Education & Extension.

For eligibility criteria and other details related to Ph.D click on <https://jadavpuruniversity.in/download-centre/ph-d-regulation-2017/>

**Note: 1. All applicants must have complete results of 2-Year MA/M.Sc/M.E or equivalent degree from any university/institute recognized by the UGC.**

**2. Applicants who have obtained an M.A/M.Sc/M.E or equivalent degree of less than two (2) years' duration, must have completed at least a total of five (5) years (M.A and M.Sc)/ of six (6) years (M.E) of undergraduate and postgraduate study in a recognized university/institute.**

**Process of Application:**

- Candidates should apply in the prescribed form available on the website <https://jadavpuruniversity.in/>
- Candidates have to pay the application fees of Rs. 500/- (Per Subject) online through SBI Collect System using Credit Card/Debit Card/Net Banking.
- After payment, the completed application form is **to be submitted on and from 03 February 2023 to 28 February 2023 (11:30 a.m. to 4:30 p.m.)**, along with an online payment receipt and all testimonials to the Office of the Dean & Secretary, Faculty of Interdisciplinary Studies, Law & Management, 1<sup>st</sup> Floor of School of Oceanographic Studies Building (Opposite to University Press), Jadavpur University Main Campus, 188 Raja S. C. Mallik Road, Jadavpur, Kolkata 700032, West Bengal.
- **The last date for online payment is 27 February 2023 (4:30 p.m.)**.
- **Payment Link: <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=643164>**
- **The last date for submission of the application form is 28 February 2023 (4:30 p.m.)**
- **Those applicants who intend to submit the application form through speed post may submit the scanned copy of the signed forms along with the testimonials to the email ID [secretaryfism@jadavpuruniversity.in](mailto:secretaryfism@jadavpuruniversity.in) after submission of the application fees. University shall not be liable for any kind of postal delay.**

The following documents should be attached to the application form:

- i) Two recent passport-size photographs.
- ii) Self-attested copies of all mark sheets and certificates, Madhyamik admit card/certificate for verification of age, SC/ST/ OBC-A/OBC-B /PD certificate, where applicable.

- iii) NET/SET/GATE certificate, if any.
- iv) A candidate who has a two-year M.Phil. Degree from any university other than Jadavpur University will be required to submit a certificate from the competent authority stating that the selection to the M.Phil course has been made through a written test and that a full paper on Research Methodology of at least one-semester duration was taught in the M.Phil course. *Otherwise, a waiver from WRET and/or coursework shall **not** be granted.*
- v) Online payment receipt downloaded from SBI server after online payment.

**Candidates will be selected through a Written test (WRET) and Interview.**

\* Unreserved candidates must obtain at least 50% marks, OBC A & OBC B candidates must obtain at least 45% marks, and SC & ST candidates must obtain at least 37.5% marks to clear the Written test (WRET) and qualify for the interview.

\* The candidate who has an M.Phil (Regular two-year course) degree and was admitted to the M.Phil program through a written test or has qualified NET/SET/GATE shall be entitled to get exemption from the written admission test and shall be called directly for an interview.

**\* A candidate who has a two-year M.Phil degree from any university other than Jadavpur University must submit a certificate from the competent authority stating that the selection to the M.Phil course has been made through a written test and that a full paper on Research Methodology of at least one-semester duration was taught in the M.Phil course.**

**Proper documents must be attached with applications for exemptions from written admission test Subject to the above conditions.**

**Tentative vacancy:**

<b>Name of the School/ Dept.</b>	<b>Total Vacancy</b>	<b>Area of the Research Field</b>
School of Advanced Studies in Industrial Pollution Control Engg.	<b>Up to 2</b> [General-1; SC- 1]	Eligibility: Master Degree in Energy Science/ Energy Engineering or Technology/ Biotechnology/Chemical Engineering with Mathematics as one of the subjects in 10 and 10+2 level
School of Bioscience and Engineering	<b>Up to 2</b> [General-1; SC- 1]	Production of enzyme and its application
School of Education Technology	<b>Up to 2</b> [General-1; SC- 1]	1. Security in Wireless Adhoc Network 2. Machine Learning applications in interdisciplinary domain 3. Image Processing and Pattern Recognition
School of Environmental Studies	<b>Up to 4</b> [General: 2, SC: 1, ST: 1]	1. Environmental Biotechnology 2. Bio-science with specialization in food & Nutrition and having work experience in water and nutritional research with special reference to groundwater contaminants 3. Isotope Geochemistry 4. Microplastic contamination in food

School of International Relations and Strategic Studies	<b>Up to 3</b> [General: 2, SC: 1]	1. International Relations, Foreign Polity, Diplomacy 2. South Asia Society & Politics
School of Languages & Linguistics	<b>Up to 3</b> [General: 2, SC: 1]	1. Languages and education policies 2. Linguistics and translation studies 3. Semantic-Pragmatic interface
School of Laser Science & Engineering	<b>Up to 2</b> [General: 1, SC: 1]	Numerical modelling of laser materials processing and use of laser for medical problems
School of Materials Science and Nanotechnology	<b>Up to 3</b> [General: 2, SC: 1]	Nanotechnology & Extractive metallurgy; Eligibility: M.Tech in Nanoscience and Technology/M.Sc in Physics with specialization in Electronics
School of Mobile Computing & communication	<b>Up to 2</b> [General: 1, SC: 1]	Internet of Things, Body Area Network, Unmanned Aerial Vehicles, Intelligent Transportation Systems
School of Natural Products Studies	<b>Up to 6</b> [General-3; SC- 1; ST-1; OBC A-1]	Characterization of Traditional food, Development of Functional Food, Pharmacology & Toxicology in the screening of natural product
School of Nuclear Studies & Application	<b>Up to 2</b> [General: 1, SC: 1]	Spray atomization, Combustion, Computational fluid dynamics
School of Oceanographic Studies	<b>Up to 3</b> [General: 2, SC: 1]	Delta Studies, Climate impacts, Adaptation, Migration, SDGs
School of Water Resources Engineering	<b>Up to 13</b> [General-6; SC- 3; ST-1; OBC A- 1; OBC B-1; PD-1]	Water Resources Engineering; Water Resources & Hydraulic Engineering
Dept. of Adult, Continuing Edn. & Ext.	<b>Up to 5</b> [General-3; SC- 1; ST-1]	Engineering (Mechanical / Mechatronics)

- As per circular Nos. BC-16014/1/82-SC dt.06/08/1984 & BCD-1, D.O.12017/11/89-SCD(R.CELL) dt.09/01/1990 and letter No.1510-SCW dt.31/05/2007 of the Government of West Bengal, the Scheduled Castes/ the Scheduled Tribes of the states other than West Bengal are not entitled to get the benefit of reserved quota in educational institutions in West Bengal unless they can produce Domicile Certificate as a proof for residing in West Bengal for at least 10 years issued by the [competent authority](#).
- A Candidate applying for a seat reserved for the OBC-A / OBC-B category (wherever applicable) must produce an OBC certificate (the issue date of which should not be earlier than January 2022) issued by the competent authority that clearly indicates (i) the category (A or B) he/she belongs to. (ii) that he/she does not belong to the creamy layer of society. Without submission of such an appropriate certificate, the applicant shall NOT be considered for seats reserved for OBC-A / OBC-B category.

As per the rules of the Government of West Bengal, the OBC-A and OBC-B candidates of the states other than West Bengal are not entitled to get the benefit of reserved quota in educational institutions in West Bengal unless they can produce Domicile Certificate as a proof for residing in West Bengal for at least 10 years issued by the [competent authority](#).

- **M.Phil students of Jadavpur University who have successfully defended their viva-voce examinations and have valid Continuing UGC Fellowship (GATE/NET-JRF/RGNE/Moulana Azad and the like) may also apply. They may be considered under Continuing Fellowship Holder category provided they have *not* registered themselves in any other university/Institute after completing their M.Phil degrees at Jadavpur University. The gap period between the date of publication of Final M.Phil result and registration/enrollment in the Ph.D. programme (if selected) must NOT be more than one year.**
- **An applicant shall *not* be considered for admission if s/he is already enrolled in a Ph.D. programme in any other university/institute or in any other department of Jadavpur University.**
- **The candidates are advised to note the following schedule.**
  - **Dates for submission of applications: 03 February, 2023 to 28 February, 2023.**
  - **List of eligible candidates for written test and date & time of written admission test & interview will be displayed at Jadavpur University website.**

All Applicants must bring a Statement of Purpose (relevant to his/her intended field of research, not more than 500 words) at the time of the interview.

The candidates are advised to consult the University website for Ph.D. regulation 2017 before applying for Ph.D. Program.

**Secretary  
Faculty of I.S.L.M  
Jadavpur University**