



Jadavpur University  
Kolkata - 700032

**Faculty of Interdisciplinary Studies, Law & Management**  
**Admission to the Ph.D. Programme**  
**Session: July - December, 2023**

Date: 07 August, 2023

Applications are invited from **Indian nationals** for admission to the Ph.D. programme in the School of Automotive Engineering, School of Education Technology, School of Environmental Studies, School of International Relations and Strategic Studies, School of Laser Science & Engineering, School of Materials Science & Nanotechnology, School of Natural Products Studies, School of Nuclear Studies & Application, 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 completed 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 MA/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 of undergraduate and post-graduate study in a recognized university/institute.**

**Process of Application:**

- Candidates should apply in the prescribed form available on the website <https://jadavpuruniversity.in/> (<http://www.jaduniv.edu.in>)
- Candidates have to pay the application fees Rs. 500/- (Per Subject) online through SBI Collect System using Credit Card/Debit Card/Net Banking.
- After payment, the downloaded form is **to be submitted on and from 7<sup>th</sup> August, 2023 to 1<sup>st</sup> September, 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, Kolkata 700032.
- **The last date for online payment is 31<sup>st</sup> August, 2023.**
- **Payment Link:** <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=643164>
- **The last date for submission of the application form is 1<sup>st</sup> September, 2023 (4:30 p.m.)**
- **Those applicants who intend to submit the application form through speed post (Postal Address: Office of the Dean & Secretary, Faculty of Interdisciplinary Studies, Law & Management, Jadavpur University, Kolkata – 700032) may submit the scanned copy of the signed forms along with the testimonials to the email ID [secretaryfisl@jadavpuruniversity.in](mailto:secretaryfisl@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 with the application form:**

- i)** Two recent passport-size photographs.
- ii)** 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/or any other fellowship documents, 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, waiver from WRET and/or course-work 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 Viva-Voce/Presentation.**

- ❖ 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 programme 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-years 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 Automotive Engineering	<b>(Upto 3)</b> Gen – 2, SC - 1	<ul style="list-style-type: none"> <li>• Material Science, Fluid Mechanics and allied topics</li> </ul>
School of Education Technology	<b>(Upto 1)</b> SC-1	<ul style="list-style-type: none"> <li>• Machine Learning</li> <li>• Cyber Security</li> <li>• Pattern Recognition</li> </ul>
School of Environmental Studies	<b>(Upto 3)</b> Gen – 2, SC - 1	<ul style="list-style-type: none"> <li>• Environmental Biotechnology</li> <li>• Environmental Science/Engineering with special reference to the presence of toxic contaminants in environment like water, soil, plant and air and their distribution, magnitude, calamity, food chain contamination, health effects and mitigation strategies</li> </ul>

School of International Relations and Strategic Studies	<b>(Upto 12)</b> Gen – 5, SC – 3, ST – 1, OBC A – 1, OBC B – 1, PD - 1	<ul style="list-style-type: none"> <li>• South Asia</li> <li>• Asia Pacific</li> <li>• Strategic Studies</li> <li>• Europe</li> </ul>
School of Laser Science & Engineering	<b>(Upto 4)</b> Gen – 2, SC – 1, ST - 1	<ul style="list-style-type: none"> <li>• Advanced Manufacturing</li> <li>• Manufacturing Engg/Reliability Engg</li> <li>• Numerical modeling of laser material processing</li> <li>• Numerical modeling of medical problems using laser</li> </ul>
School of Materials Science and Nanotechnology	<b>(Upto 3)</b> Gen – 2, SC - 1	<ul style="list-style-type: none"> <li>• M.Tech in Electrical Engineering/MSc-Food and Nutrition/M.Sc. Botany with Specialization in Advanced Cell Biology</li> </ul> <p><b>Desirable:</b> Knowledge of Internet of Things/knowledge on therapeutic nutrition</p>
School of Natural Products Studies	<b>(Upto 3)</b> Gen – 2, SC - 1	<ul style="list-style-type: none"> <li>• Development and Characterization of Functional Food</li> <li>• Medicinal Plant</li> </ul>
School of Nuclear Studies & Application	<b>(Upto 2)</b> Gen – 1, SC - 1	<ul style="list-style-type: none"> <li>• Cyber-physical System in Data Acquisition</li> <li>• HiL Simulation of Reactor Control Systems</li> </ul>
School of Water Resources Engineering	<b>(Upto 8)</b> Gen – 4, SC – 2, St – 1, OBC A - 1	<ul style="list-style-type: none"> <li>• Waste Water Treatment, Electrochemistry</li> <li>• Membrane separation Waste Water Treatment Environmental Remediation</li> <li>• Ground and Surface Water Management, Water Resources Scenario under Changed Climate Scenario</li> <li>• Water Resources Engineering</li> </ul>
Dept. of Adult, Continuing Education & Ext.	<b>(Upto 5)</b> Gen – 3, SC – 1, ST - 1	<ul style="list-style-type: none"> <li>• Management / Engineering Management</li> <li>• Engineering (Mechanical / Mechatronics)</li> </ul>

- 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 **issues date of which should not be earlier than August 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 creamy layer of the 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/RGNF/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: **7<sup>th</sup> August, 2023 to 1<sup>st</sup> September, 2023.**
  - List of eligible candidates for written test (online/offline) and date & time of written admission test & direct interview will be displayed at Jadavpur University website shortly.

All Applicants must bring a Statement of Purpose (relevant for 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. Programme.

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