



## **Rolling Advertisement for Admission to Ph.D. Programs**

IIT Jodhpur invites applications for admission to Ph.D. programs in specific disciplines and inter-disciplinary areas.

**The aim of the Ph.D. Program is to develop graduates having good knowledge and research training in classical and emerging areas. IIT Jodhpur hosts Ph.D. program in areas of technology, engineering, sciences, liberal arts, management and entrepreneurship.** The applications are invited in the following centers/departments/schools:

- (1) Artificial Intelligence and Data Science
- (2) Bioscience and Bioengineering
- (3) Center for Emerging Technologies for Sustainable Development
- (4) Chemistry
- (5) Chemical Engineering
- (6) Civil and Infrastructure Engineering
- (7) Computer Science and Engineering
- (8) Electrical Engineering
- (9) Liberal Arts
- (10) Mathematics
- (11) Management and Entrepreneurship
- (12) Mechanical Engineering
- (13) Metallurgical and Materials Engineering
- (14) Physics

In addition, the applications are also invited in the following inter-disciplinary areas:

- (1) Digital Humanities
- (2) Internet of Things and Applications
- (3) Quantum Information and Computation
- (4) Robotics and Mobility Systems
- (5) Smart Healthcare
- (6) Space Science & Technologies

Detailed information about the research areas of Faculty Members in the above disciplines can be obtained from the Institute website at [www.iitj.ac.in](http://www.iitj.ac.in). The applicants are strongly encouraged to go through profiles of Faculty Members and to get familiar with their specialization and research interest.

### ***A. Application Procedure***

Applicants are requested to use the following link to fill and submit the application form online:

[https://oa.iitj.ac.in/PG\\_ADMISSION/](https://oa.iitj.ac.in/PG_ADMISSION/) (For Indian Nationals Only)

[https://oa.iitj.ac.in/OA\\_PG\\_ADMISSION\\_INTRNL/](https://oa.iitj.ac.in/OA_PG_ADMISSION_INTRNL/) (For INRA and Foreign Applicants Only)

*This is a rolling advertisement and this online link will remain active throughout the year, however, applications will be processed at least twice a year. For Semester I (Semester II), applications submitted by 20 April (20 October) will be considered.*

Applicants are required to pay the processing fee of Rs.300 for General, GEN-EWS, OBC and Rs.150 for SC, ST, and PD applicants *online* while submitting the application form. Indian Nationals Residing Abroad (INRA) and Foreign applicants are also required to pay the application processing fee of Rs.300.

**In case of any query, candidates may contact the Office of Academics (office\_academics\_pg@iitj.ac.in) for issues related to online application, Automation (oa\_automation@iitj.ac.in) for payment related issues and other general queries may be directed to the offices of the respective departments/school/IDRPs (See Section G of this letter).**

Applicants shortlisted for the written test and/or interview will be required to bring the final submitted application form duly signed along with a copy of all educational documents and GATE/NET(JRF)/NBHM (or equivalent) score card at the time of written test and/or interview.

The Institute admits students to the doctoral degree programs in the following categories, namely

**(a) Full-Time Regular**

In campus student who can register for up to full credit permissible per semester. A student supported by a project of the institute will be considered a full-time regular student.

**(b) Full-time Sponsored**

In campus student who can register for up to full credit permissible per semester. The candidate is sponsored either by his/her employer or by self. A self-sponsored candidate must have two years of relevant industrial/R&D/academic experience.

**(c) Part-time**

A part-time student is a working professional who, while employed, attend regular classes as per the schedule of the Institute. The student must be employed in the neighbourhood of IIT Jodhpur. The student must produce a NOC from the employer for pursuing the program at IIT Jodhpur. The student can register only for a limited number of credits as compared to a full-time regular student.

**(d) External**

A student working in an industry/R&D establishment/academic institution which is equipped with the necessary research and library facilities. The employer must relieve the student to stay in the campus to complete the minimum residency requirements.

**(e) Part-time (online)**

A part-time (online) student is a working professional who, while employed, attend classes in a synchronous audio-visual mode as per the schedule of the Institute including limited contact sessions. The student is expected to register for limited number of credits per semester. The student will need to spend at least 12 months in the campus before submission of the Ph.D thesis distributed over the entire period of the programme as per the academic requirement. The student must produce a NOC from the employer for pursuing the programme at IIT Jodhpur certifying that the employer will also provide access to resources for proper execution of the research work.

**(f) Indian Nationals Residing Abroad (INRA) and Foreign Nationals**

An Indian National who must have been residing abroad continuously for at least one year at the time of applying for admission are eligible for admissions under INRA category.

Candidates who holds foreign passports (including persons with OCI or PIO cards) are eligible to apply for admission as foreign candidates.

## ***B. Eligibility for Admission***

The eligibility criteria prescribed below are the absolute minimum. The Selection Committee may prescribe requirements over and above these.

### ***(a) Ph.D. Program (Regular)***

- (i) Candidates admitted in this category shall not be a registered student in any other academic program in India or abroad, and shall not be a full-time or part-time employee of any organization in India or abroad.
- (ii) The applicant must have a master's degree in engineering, pharmacy, agricultural science, science, humanities, social sciences, management with at least 60% marks or at least 6.0/10 CPI or CGPA for GEN/GEN-EWS/OBC (55% for SC/ST/PD),

OR

The applicant must have MBBS with MD/MS, BVSc with MVSc, BDS with MDS, BPTth with MPTh, BOTH with MOTh or equivalent with at least 60% marks or at least 6.0/10 CPI or CGPA for GEN/GEN-EWS/OBC (55% for SC/ST/PD) in bachelor's degree,

OR

The applicant must have a bachelor's degree of minimum four-year duration in engineering or science or medicine or pharmacy or agricultural science or veterinary science or equivalent with at least 70% marks or at least 7.0/10 CPI or CGPA for GEN/GEN-EWS/OBC (65% for SC/ST/PD).

### ***(b) Ph.D. Program (Sponsored/External/Part-time)***

- (i) Candidates admitted in this category shall not be a registered student in any other academic program in India or abroad.
- (ii) The applicant must have a master's degree in engineering, pharmacy, agricultural science, science, humanities, social sciences, management with at least 60% marks or atleast 6.0/10 CPI or CGPA for GEN/GEN-EWS/OBC (55% or 5.5/10 CPI or CGPA for SC/ST/PD),

OR

The applicant must have MBBS with MD/MS, BVSc with MVSc, BDS with MDS, BPTth with MPTh, BOTH with MOTh or equivalent with at least 60% marks or at least 6.0/10 CPI or CGPA for GEN/GEN-EWS/OBC (55% or 5.5/10 CPI or CGPA for SC/ST/PD) in bachelor's degree,

OR

The applicant must have a bachelor's degree of minimum four-year duration in engineering or science or medicine or pharmacy or agricultural science or veterinary science or equivalent with at least 70% marks or at least 7.0/10 CPI or CGPA for GEN/ GEN-EWS /OBC (65% for SC/ST/PD).

- (iii) The applicant must have a **minimum of two years** of work experience (after qualifying degree) in industry/R&D laboratories/Academic Institutions at the time of registration I program.
- (iv) The applicant must qualify the written test and/or interview conducted by IIT Jodhpur.

### ***(c) Ph.D. Program (Indian Nationals Residing Abroad (INRA) and Foreign Nationals)***

The applications of INRA and foreign nationals may be processed by the departments as and when they are received or according to any schedule convenient to the department. The applications should be scrutinized to make sure that, both in terms of qualifications and attainment they are comparable with the candidates admitted in the general category. Department will conduct VC based interview for ascertaining suitability of the candidate. The candidates under these category will be admitted as Self-Financing Student (Full program), if selected for admissions.

The applications of foreign nationals, who are sponsored by the Indian Council of Cultural Relations (ICCR), Study in India program or any other GOI programs are required to apply through proper channel as specified on their official websites.

### ***C. Financial Assistance***

Candidates admitted to Ph.D. Program (Regular) will be eligible for financial assistance as per the norms of IIT Jodhpur.

(a) A candidate having B.Tech./B.S. (four-year program)/Master's degree with GATE/NET(JRF)/NBHM (or equivalent) can have financial assistance as per MHRD norms/or equivalent applicable for non-science Departments.

(b) The requirement of GATE is exempted for an applicant with M.Tech or equivalent post-bachelor's degree.

I A student may be exempted from GATE as per MHRD guidelines.

**In addition to the regular assistantship through funding agencies, PhD students will also be eligible for a top-up amount of up to Rs. 40000 per month depending on the availability of projects with Supervisors and the performance of student in course and research work.**

### **D. Additional financial support to present high quality research work in National and International Conferences of repute**

The regular Ph.D. students will be allowed a partial financial support up to Rs. 1.00 lakh for attending and presenting a research paper in an International conference of repute once during the program. In exceptional cases, the Institute may provide a partial financial support up to Rs. 2.00 Lakhs for presenting high quality research work in an International Conferences of repute.

In addition, regular Ph.D. students will also be allowed a partial financial support of Rs. 25,000/= as contingency grant including travel for attending and presenting a paper in a National conference/workshop/Symposia/Workshop/Seminar or to collect data/field work.

### ***E. Reservation Policy***

The norms of reservation for different categories shall be adopted as laid down by the Ministry of Human Resource Development, Government of India.

### ***E. Communications***

All communications related to Ph.D. admissions will be done only through email.

### ***F. Important Dates***

<b>Milestones</b>	<b>Date</b>
Last date of filling online application form	<b>Throughout the year</b>
Cut-off date for an application to be considered for the admission process	<b>20 April (for Semester I) 20 October (for Semester II)</b>
Announcement of short listed applicants for the admission process	<b>25 April (for Semester I) 25 October (for Semester II)</b>
Date of written test and/or Interview	<b>To be announced</b>

### ***G. Whom to contact***

In case of any query, the applicants may contact to the offices of the department/school, where they are applying to.

<b>Department/IDRP/School</b>	<b>Phone No.</b>	<b>Email</b>
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Bioscience and Bioengineering	0291-2801202	office_bioscienceandbioengineering@iitj.ac.in
Computer Science and Engineering	0291-2801252	office_cse@iitj.ac.in
Chemistry	0291-2801302	office_chemistry@iitj.ac.in
Electrical Engineering	0291-2801352	office_ee@iitj.ac.in
Liberal Arts	0291-2801402	office_hss@iitj.ac.in
Mathematics	0291-2801452	office_mathematics@iitj.ac.in
Mechanical Engineering	0291-2801502	office_me@iitj.ac.in
Metallurgical and Materials Engineering	0291-2801552	office_materials@iitj.ac.in
Physics	0291-2801602	office_physics@iitj.ac.in
Chemical Engineering	0290-2801702	office_che@iitj.ac.in
Civil and Infrastructure Engineering	0290-2801652	office_civil@iitj.ac.in
Management & Entrepreneurship	0291-2801802	head_sme@iitj.ac.in
School of Artificial Intelligence and Data Science	0291-2801252	office_saide@iitj.ac.in
Robotics and Mobility Systems	0291-280-1042	office_idrp@iitj.ac.in
Digital Humanities	0291-280-1042	office_idrp@iitj.ac.in
Internet of Things and Applications	0291-280-1042	office_idrp@iitj.ac.in
Quantum Information and Computation	0291-280-1042	office_idrp@iitj.ac.in
Smart Healthcare	0291-280-1042	office_idrp@iitj.ac.in
Space Science & Technologies	0291-280-1042	office_idrp@iitj.ac.in
Indian Nationals Residing Abroad (INRA) and Foreign Nationals	0291-2801509	ad_iro@iitj.ac.in
Center for Emerging Technologies for Sustainable Development	0291-2801717	office_cetsd@iitj.ac.in