



# **Admission Guidelines**

**2024-2025**

## **Joint Doctoral Degree Program**

**Gurugram University, Gurugram**

**Haryana**

**&**

**Indian Institute of Technology, Mandi**

**Himachal Pradesh**



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## About Gurugram University

Gurugram University, state government university established under Haryana Act 17 of 2017, is rapidly emerging as one of the Haryana's most prestigious educational institution. With a vision to lead in global education, the university is committed to fostering transcultural learning, intellectual growth, and cutting-edge research. It aspires to be a microcosm of the nation, attracting students from every corner of the country and nurturing them into socially and morally responsible individuals through a learner-centric approach. Gurugram University is dedicated to guiding students on a transformative journey from studentship to the pinnacle of discipleship by focusing on the development of academic, professional, technical, industry, and life skills.

In the 2024-25 academic session intake, Gurugram University is set to offer over 80 programs at UG, PG and Ph.D. level across 17 departments in faculty of Sciences, Engineering & Technology, Life Sciences, Social Sciences, Law & Humanities, and Commerce & Management, reinforcing its position as a global institution. The university aims to be a socially conscious center of knowledge and advancement, equipped to meet the challenges of global change while empowering its faculty to enhance student development. With Gurugram city evolved into a hub for medical tourism, IT, and multinational companies, the university seeks to transform the city into a center of educational tourism in the Delhi NCR region. Aligned with its mission to become a socially conscious center of knowledge and advancement, Gurugram University is equipped to tackle the challenges of global change. By pursuing international alliances and collaborative initiatives, Gurugram University is dedicated to achieving global excellence.

Institute Webpage: <https://gurugramuniversity.ac.in/>

## About IIT Mandi

The Indian Institute of Technology Mandi (IIT Mandi), one of the premier technical institutes in India. IIT Mandi was established in 2009 with the aim of providing world-class education and cutting-edge research in engineering, science, and technology. Since its inception, the institute has strived to achieve excellence in education, research, and innovation.

Located in the scenic town of Mandi in the Himalayan foothills, the institute offers a unique learning experience to its students. With state-of-the-art facilities and world-class faculty members, IIT Mandi provides a conducive environment for research and learning. The institute offers undergraduate, postgraduate, and doctoral programs in various disciplines of engineering, sciences, and humanities.

At IIT Mandi, we believe in fostering an environment of innovation and creativity. Our faculty members are renowned experts in their fields and are committed to providing their students



with the best possible education. With our multidisciplinary approach to education, we aim to produce graduates who are well-rounded and equipped to solve real-world problems.

We take pride in our research culture and encourage our students to engage in cutting-edge research in various fields. Our research facilities are equipped with state-of-the-art equipment and resources, providing our students with ample opportunities to explore their interests and pursue their passions.

Institute Webpage: [www.iitmandi.ac.in](http://www.iitmandi.ac.in)

## About PhD JDP

The Joint Degree Program (JDP) offers PhD students enrolled in both institutions the chance to collaborate on a multidisciplinary research project with faculty members and research teams from IIT Mandi and Gurugram University, Gurugram, as well as to take advantage of the facilities and professional development opportunities offered by both institutions.

## Important Guidelines for PhD Application

1. Please read the instructions given in the brochure carefully before filling up the applications.
2. Online Application form & Information brochure (Including the admission schedule along with the important dates) is available on the institute website at the following link: <https://alliance.iitmandi.ac.in/Gurugramuniversity/>
3. You are required to submit the application form ONLINE. No Downloadable Forms will be available after filling the form, you are advised to take a print of your application for your records.
4. The application fee is as follows:

| Category                                       | Amount in ₹ |
|--|-------------|
| General  | 1,000/-     |
| SC/BC/EWS/Differently Abled Persons of Haryana | 250/-       |

5. Mode of Payment: Online through the University Webportal
6. One application fee is valid for the single application. The application fee is NON-REFUNDABLE.
7. The reservation policy of Govt of Haryana shall be applicable.
8. You should check Institute website for results / important announcements.
9. You should check emails sent to your email address provided in your application for all important communications and announcements if any.

10. Merely fulfilling eligibility criteria does not entitle a candidate to be called for the written test/interview. Decision of Institute authorities will be final.
11. Admission is based on the basis of NET/ GATE/CSIR/DST or any other equivalent National level Test (with validity period) Score, weightage and Interview as mentioned in University Ordinance.
12. Interview performance in addition to general eligibility criterion, the applicants must also satisfy the eligibility criteria specified for the respective Departments / Centres / Schools / Interdisciplinary Groups.
13. Candidates, if called for document verification, should show/ bring with them all the original certificates and documents as mentioned in application form.

## Important Dates for Admission

|  |  |
|--|--|
| Starting date for filling Online Application     | 1 <sup>st</sup> September, 2024                                |
| Last date for filling Online Application         | 20 <sup>th</sup> September, 2024 (5:00PM)                      |
| Declaration of shortlisted candidates list       | Will be Published on IIT Mandi and Gurugram University website |
| Shortlisted candidates will be informed by email |  |

## Admissions Process

The admissions process will be managed by the IIT Mandi – Gurugram University Joint Admissions Sub-committee (JASC) constituted at the School/Department/Centre level and according to each Institution’s admissions procedure. Candidates must meet the admissions requirements of both institutions. The eligibility criteria for enrolling in a joint PhD program will be same as that of a regular PhD program/ERP of the individual institute. The details of the same can be found in the PhD ordinance of the individual institute.

- IIT Mandi [https://www.iitmandi.ac.in/pdf/ordinances/Ordinances\\_phd\\_mtech.pdf](https://www.iitmandi.ac.in/pdf/ordinances/Ordinances_phd_mtech.pdf)
- Gurugram University -<https://gurugramuniversity.ac.in/academics/ordinances>

All applicants will be expected to apply through an online admissions portal.

## General Qualifications

In the present call, the students for the PhD JDP will be admitted only in the Regular category.

### Eligibility

Master's Degree with 55% marks in the main subject (or an examination recognized as equivalent thereto)/allied subject (or an examination recognized as equivalent thereto) OR its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in a point scale wherever grading system is followed, calculations of marks as per CBCS pattern).

A relaxation of 5% marks i.e. from 55% to 50% marks in the aforesaid Degrees is allowed for those candidates belonging to SC/ST/BC (Block A & B) non-creamy layer)/ Differently Abled of Haryana, Economically weaker section and other categories as per decision of commission from time to time.

In case of candidate possessing Degree equivalent to Master's Degree from a Foreign University, degree equivalence certificated issued by AIU is mandatory.

*In addition to general eligibility criterion, the applicants must also satisfy the eligibility criteria specified for the respective Projects/Departments / Centres / Schools / Interdisciplinary Groups. Over and above the general eligibility criteria for admission, candidates need to satisfy additional criteria for financial support / fellowship, as specified under specific admission categories.*

### Admission Criteria

The admission in Ph.D. Joint Degree Program (JDP) Programme shall be made in order of merit on the basis of the following criteria :

| Sr. No. | Particulars  | Weightage  |
|---------|--|--|
| 1.      | UG examination   | 05% of %age marks obtained.  |
| 2.      | PG examination   | 10% of %age marks obtained.  |
| 3.      | Weightage of Marks to candidates who have qualified NET (Category 1,2 and 3) or GPAT (with validity) or GATE (with validity) or CSIR/DST/ICMR/ICSSR or any other equivalent National level Test Score (with validity period) | 70% of total percentage/percentile of NET/ GATE/CSIR/DST or any other equivalent National level Test (with validity period). |
| 4.      | Interview  | 15 marks   |

## Contact Details

In case of any query related to the Ph.D. Programme admission process you may contact respective school / Centre, the contact details are:

### Gurugram University

| Name of School/Centre /Department                                    | Email ID   | Contact No. |
|--|--|-------------|
| Dept. of Pharmaceutical Sciences                                     | <a href="mailto:pharmacy@gurugramuniversity.ac.in">pharmacy@gurugramuniversity.ac.in</a>                     | 9416055522  |
| Dept. of Management  | <a href="mailto:dept.mgmt@gurugramuniversity.ac.in">dept.mgmt@gurugramuniversity.ac.in</a>                   | 9810867688  |
| Dept. of Media Studies<br>Dept. of English & Other Foreign Languages | <a href="mailto:dept.media@gurugramuniversity.ac.in">dept.media@gurugramuniversity.ac.in</a>                 | 9871621567  |
| Dept. of Economics   | <a href="mailto:deptofeconomics@gurugramuniversity.ac.in">deptofeconomics@gurugramuniversity.ac.in</a>       | 9416035388  |
| Dept. of Physics   | <a href="mailto:dept.physics@gurugramuniversity.ac.in">dept.physics@gurugramuniversity.ac.in</a>             | 9810148929  |
| Dept. of Psychology<br>Dept. of Social Works                         | <a href="mailto:dept.psychology@gurugramuniversity.ac.in">dept.psychology@gurugramuniversity.ac.in</a>       | 8219363880  |
| Dept. of Engineering & Technology                                    | <a href="mailto:dept.enggandtech@gurugramuniversity.ac.in">dept.enggandtech@gurugramuniversity.ac.in</a>     | 9810484802  |
| Dept. of Commerce  | <a href="mailto:dept.comm@gurugramuniversity.ac.in">dept.comm@gurugramuniversity.ac.in</a>                   | 9728157599  |
| Dept. of Political Science & Public Policy                           | <a href="mailto:dept.polsci@gurugramuniversity.ac.in">dept.polsci@gurugramuniversity.ac.in</a>               | 9999610854  |
| Dept. of Chemistry   | <a href="mailto:dept.chemistry@gurugramuniversity.ac.in">dept.chemistry@gurugramuniversity.ac.in</a>         | 9560020015  |
| Dept. of Physiotherapy   | <a href="mailto:dept.physiotherapy@gurugramuniversity.ac.in">dept.physiotherapy@gurugramuniversity.ac.in</a> | 9448343356  |
| Dept. of Mathematics   | <a href="mailto:dept.mathematics@gurugramuniversity.ac.in">dept.mathematics@gurugramuniversity.ac.in</a>     | 9811098211  |
| Dept. of Law   | <a href="mailto:dept.law@gurugramuniversity.ac.in">dept.law@gurugramuniversity.ac.in</a>                     | 8901181080  |
| Dept. of Indian Knowledge and Languages                              | <a href="mailto:dept.english@gurugramuniversity.ac.in">dept.english@gurugramuniversity.ac.in</a>             | 8802485693  |
| Dept. of Education   | <a href="mailto:dept.pubad@gurugramuniversity.ac.in">dept.pubad@gurugramuniversity.ac.in</a>                 | 9467030980  |
| Dept. Bio-Sciences   | <a href="mailto:abyzkuk@gmail.com">abyzkuk@gmail.com</a>   | 7015362805  |
| Dept. of Environmental Sciences                                      | <a href="mailto:abyzkuk@gmail.com">abyzkuk@gmail.com</a>   | 7015362805  |
| Dept. of Architecture  | <a href="mailto:drmukesh@gurugramuniversity.ac.in">drmukesh@gurugramuniversity.ac.in</a>                     | 9812496959  |

### IIT Mandi

| Name of School/Centre  | Email ID   | Contact No.   |
|--|--|---------------|
| School of Biosciences & Bioengineering                         | <a href="mailto:sbboffice@iitmandi.ac.in">sbboffice@iitmandi.ac.in</a>               | 01905-267061  |
| School of Chemical Sciences                                    | <a href="mailto:scsoffice@iitmandi.ac.in">scsoffice@iitmandi.ac.in</a>               | 01905-267277  |
| School of Civil & Environmental Engineering                    | <a href="mailto:scene_admissions@iitmandi.ac.in">scene_admissions@iitmandi.ac.in</a> | 01905-267180  |
| School of Computing and Electrical Engineering                 | <a href="mailto:sceoffice@iitmandi.ac.in">sceoffice@iitmandi.ac.in</a>               | 01905-267071  |
| School of Humanities & Social Sciences                         | <a href="mailto:shssoffice@iitmandi.ac.in">shssoffice@iitmandi.ac.in</a>             | 01905-267719  |
| School of Management   | <a href="mailto:somoffice@iitmandi.ac.in">somoffice@iitmandi.ac.in</a>               | 01905-267119  |
| School of Mathematical & Statistical Sciences                  | <a href="mailto:smssoffice@iitmandi.ac.in">smssoffice@iitmandi.ac.in</a>             | 01905-267929  |
| School of Mechanical and Materials Engineering                 | <a href="mailto:smmeadmissions@iitmandi.ac.in">smmeadmissions@iitmandi.ac.in</a>     | 01905-267138  |
| School of Physical Sciences                                    | <a href="mailto:spsoffice@iitmandi.ac.in">spsoffice@iitmandi.ac.in</a>               | 01905-267812  |
| Indian Knowledge System and Mental Health Application (IKSMHA) | <a href="mailto:iksmha@iitmandi.ac.in">iksmha@iitmandi.ac.in</a>                     | 01905-267786  |
| Centre Artificial Intelligence and Robotics (CAIR)             | <a href="mailto:cairoffice@iitmandi.ac.in">cairoffice@iitmandi.ac.in</a>             | ----          |
| Centre for Quantum Science and Technologies (CQST)             | <a href="mailto:arvindthapliyal@iitmandi.ac.in">arvindthapliyal@iitmandi.ac.in</a>   | 01905-267899  |
| Centre for Human Computer Interaction (CHCI)                   | <a href="mailto:chcioffice@iitmandi.ac.in">chcioffice@iitmandi.ac.in</a>             | 01905- 267187 |

## Academic Structure

### Program management

A Doctoral Advisory Committee (DC) shall be set up for each JDP Scholar to support and monitor progress of the JDP Scholar throughout the candidature until the thesis has been submitted. The DC shall consist of the following members.

|  |             |
|--|-------------|
| Chair/Head of the School/Department of the Home Institute or his/her nominee | Chairperson |
| Supervisor from the Home institute   | Member      |
| Supervisor from the Host institute   | Member      |
| Co-supervisor (s), if any with justification                                 | Member (s)  |
| Subject Expert from the Home Institution                                     | Member      |
| Additional members may be appointed to meet the requirements                 | Members     |

### Coursework Requirements

The JDP Scholar shall satisfy the minimum academic coursework requirements of the Home Institution. Additional courses may be taken when recommended by the DC. If a JDP scholar credits a course in one institution, the credits will be automatically transferred to the other institution and will be counted towards the degree requirement.

### Joint Degree Program Structure

- Candidates have a **“Home Institution”** where they begin their studies and spend the majority of time. The expectation is that candidates will spend a minimum of 12 months at the other, **“Host Institution”** the timing and duration of this will depend on the program of research but in general will be in the second or third year of the degree. Travel to and study at the Host Institution will be subject to the usual requirements of the institute.
- As a condition of enrolment on the PhD JDP, candidates are required to:
- Spend a minimum of one year\* (two semesters) enrolled at each institution.
  - \*Candidates registered as part-time PhD or under External Registration program need to spend the minimum residential requirement criteria of both the institute as mentioned in their ordinances and regulations.
- Undertake a program of progress monitoring and examination that meets the requirements of both institutions.
- Comply with the rules, regulations, policies, codes and procedures of both institutions.
- Write and submit a thesis for defense by oral examination at the home Institution.
- Candidates for the PhD JDP will be enrolled in a PhD program in parallel at both institutions. The supervisory team will comprise academics from both institutions who will provide guidance and support throughout the doctoral program. Candidates will benefit from the research community, networking, and collaborations of the IIT



Mandi – GU, Gurugram. Through enrolment at both institutions, candidates will have access to services and support provided at IIT Mandi and GU, Gurugram, including a variety of professional and personal development opportunities for researchers.

- The primary supervisor shall be from the Home Institution. There must be a Joint supervisor from the Host Institution.
- The PhD JDP includes a tailored program of progress monitoring to fulfil the requirements of both institutions. On successful completion of the program requirements, candidates will be awarded a PhD degree jointly by both the Institutions.

### Admissions are currently open under the following research projects

|   |   |   |
|---|---|---|
| 1 | <b>Project Title.</b><br><b>Development of Artificial e-Skin for Prosthetic Limb Applications</b>                                 |   |
|   | Home Institute: IIT Mandi<br>Supervisor: Prof. Satinder K. Sharma<br>School/Dept.: School of Computing and Electrical Engineering | Host Institute: GU, Gurugram<br>Supervisor: Dr. Sumit Choudhary<br>School/Dept.: Department of Engineering and Technology |
| 2 | <b>Project Title.</b><br><b>Development of Alternate Material Devices on Cost-effective Silicon Substrates</b>                    |   |
|   | Home Institute: GU, Gurugram<br>Supervisor: Dr. Sumit Choudhary<br>School/Dept.: Department of Engineering and Technology         | Host Institute: IIT Mandi<br>Supervisor: Dr. Robin Khosla<br>School/Dept.: Department of Civil Engineering                |
| 3 | <b>Project Title.</b><br><b>Development and Optimization of 2D Materials for Neuromorphic Computing</b>                           |   |
|   | Home Institute: GU, Gurugram<br>Supervisor: Dr. Sumit Choudhary School/Dept.:<br>Department of Engineering and Technology         | Host Institute: IIT Mandi<br>Supervisor: Dr. Ranbir Singh<br>School/Dept.: School of Mechanical and Materials Engineering |



## Fees, Scholarships and Funding

- The JDP Scholar shall pay tuition fees only to their Home Institution throughout the duration of the JDP including the duration of study at the Partner Institution as per its fee structure.
- No tuition fee will be charged by the host institution. However, the student needs to bear the boarding and lodging charges. Scholarships will be awarded based on merit, and the value and conditions of any scholarship awarded will be in accordance with the terms and conditions of the awarding institution.
- Regardless of the scholarship awarded, students on the joint PhD program will be personally responsible for the following expenses unless otherwise advised:
  - Incidental fees and charges at either institution
  - Accommodation and living expenses at either institution
  - All personal expenses and non-compulsory additional fees at the host institution
  - All debts incurred by candidates during their stay at either institution
  - Any other debts incurred by candidates during the Joint PhD Program
  - Further the grants in respect of attending conferences will be provided only by the home institute.

### Fees details:

The selected candidate needs to pay the fee only to the Home institution and the details about the fee structure can be found below:

The research scholars enrolled for Ph.D. course shall deposit their fee as per fee structure notified or laid down from time to time by the University during the Ph.D. Course.

No fees/dues deposited by the research scholar shall not be refunded by the University in case the research scholar leaves the Ph.D. Programme at his/her own level or found ineligible.

### Ph.D. course work fee (to be paid by those who are required to complete course work):

Course work fee Rs. 30000/-

For Ph.D. Programme every research scholar shall pay fee as under:

|   |                                  |
|---|----------------------------------|
| <b>Registration Fee</b><br>In case of foreign/NRI students except for students from less developed countries, this fee shall be US \$1500 | Rs. 20000/                       |
| <b>Annual Fee</b>   | Rs. 30000/                       |
| <b>Evaluation fee to be charged at the time of submission of Ph.D. thesis</b>   | Rs.10000/-                       |
| <b>Late fee for delayed payment of annual fee:</b><br>- upto six months<br>- beyond six months  | Rs.1000/- p.m.<br>Rs.2000/- p.m. |



The fees shall be subject to changes as decided by the University from time to time.

Note: - At the time of admission, fee/fund like enrolment registration, tuition fee, sports, Union, Library, Magazine, medical, Examination fee and other funds may not be charged from the SC students whose parents' annual income is not more than Rs. 2.5 lacs. The claim on account of such fee may be submitted to the Higher Education Commissioner, Haryana, Panchkula after getting the same vetted from the Auditors of the Directorate for reimbursement.

Instructions received from the State Government from time to time on this issue shall be followed.

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