

**Indian Institute of Information Technology, Design & Manufacturing
Jabalpur (Under Ministry of Education, Govt of India)**
Dumna Airport Road, P O Khamaria, Jabalpur - 482005 (www.iiitdmj.ac.in)

The Institute invites applications for admission to its Doctoral Programme in Computer Science & Engineering (CSE), Electronics & Communication Engineering (ECE), Mechanical Engineering (ME), Design (DS), Natural Science (Physics (Phy)) and Mathematics (Math)) and Liberal Arts (English (Eng)) under the following categories:

FULL TIME

- i) Institute Assistantship (IA)
- ii) Govt./Semi Govt. Fellowship Award (FA) (MeitY, CSIR, UGC, DAE, DST, DBT, NBHM, etc.)
- iii) Sponsored Candidates (SW)

PART TIME

- i) Institute Staff (IS), for Institute Staff of IIITDM Jabalpur
- ii) Project Staff (PS), for Project Staff of IIITDM Jabalpur
- iii) External candidates, sponsored by recognized R & D organizations / academic institution / industry (EX) (Institute Assistantship, Govt./Semi Govt. Fellowship Award, Part time for Institute Staff of IIITDM Jabalpur, Project Staff of IIITDM Jabalpur and External candidates, sponsored by recognized R & D organizations / academic institution / industry)
- iv) Special part time Ph.D. programme for working Professionals

Eligibility for Admissions

A minimum of 60 percent marks OR a CPI/CGPA of 6.0 (on the scale of 10.00) shall be required at the master's level qualifying examination (M.Tech./ M.E. /M.Des./ M.Sc./ M.A./ M.B.A., etc.) as the specified minimum for admission in a Ph.D. programme for concerned disciplines. Please see the table below for the eligibility criteria for each discipline.

| PhD (Name of the Discipline) | Minimum Qualifications* | Other Essential Requirement | Desirable |
|--|--|--|---------------------------------------|
| PhD in Computer Science and Engineering | ME/M.Tech in (CS/ CSE/ IT /CE /CST/CT/ CSA/ or in any CS related Subjects like AI/Software Systems/Computing/Machine learning, etc.) with B.E./B.Tech. | Qualified GATE in Computer Science and Information Technology (CS) or Engineering Sciences (XE) or CSIR/UGC-JRF. | Graduate Degree as per the Annexure-1 |
| PhD in Electronics and Communication Engineering | ME/M Tech in (EE/ECE/PC/ICE) or in any EE or ECE related Subjects with B.E. /B.Tech. | Qualified GATE in Electrical Engineering (EE) or Electronics and Communication Engineering (EC) | |

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| | | or Instrumentation (IN) or Biomedical Engineering (BM) or Engineering Sciences (XE). | |
| PhD in Mechanical Engineering | ME/M Tech in (ME/PI/IPE/AE) or in any ME related Subjects with B.E./B.Tech. | Qualified GATE in Mechanical Engineering (ME) or Production and Industrial Engineering (PI) or Engineering Sciences (XE) or Aeronautical Engineering (AE). | |
| PhD in Design | Masters degree in Design (M.Des.), Technology (M.Tech.) and Architecture (M.Arch.)with B.E./B.Tech./B.Des./ B.Arch. Masters degree in Fine Arts, Drawing, Painting and Architecture. However, such candidates must hold B.E./B.Tech./B.Des./B.Arch. degree | Qualified GATE/CEED NET or similar National Eligibility Test | Graduate Degree as per the Annexure-1 |
| PhD in Natural Science (Physics and Mathematics) | M.Sc./ M.Phil. in Physics or Mathematics or relevant area | Qualified GATE or CSIR/UGC-JRF A candidate who has Qualified CSIR/UGC-JRF | |
| PhD in English | M.A./M.Phil. in English | Qualified GATE or CSIR/UGC-JRF | |

*Minimum duration for such masters' programme shall be two years.

Institute Assistantship (IA)

The students having qualified GATE/CEED/CSIR/UGC-JRF score will only be admitted under this category. The students admitted under this category are entitled to financial support (Teaching Assistantship), as per the Ministry of Education (MOE) norms. Further, the student is required to assist 8 hours of work per week assigned by the Discipline.

Fellowship Award (FA)

The Fellowship award will be awarded by various Government/ Semi Government agencies. The candidates will be admitted to the category if they have financial supported from Govt./ Semi govt. agencies such as CSIR, UGC, DAE, DST, DBT, NBHM, MeitY, Digital India, ARDB, AERB, DAE etc.). The candidates under this category may be assigned teaching assignment per week by the Discipline, as per the requirement of the concerned fellowship.

Sponsored Candidate (SW)

These candidates are sponsored by recognized R&D organizations/ industries listed with NSE or SEBI for doing research work in the Institute. Candidates are expected to be relieved for full time research work at the Institute for a minimum period of three years. Students admitted under the category will not receive any financial support from the Institute.

Institute Staff (IS)

This category is only for the persons employed as Institute Staff at IIITDM Jabalpur and the candidate should have worked in the Institute for at least 2 years on a regular position at the time of admission.

Project Staff (PS)

This category refers to the candidates working as JRF/SRF in sponsored projects undertaken by the faculty of the Institute.

- a. All JRF and SRF appointed in the sponsored research projects must register for the PhD under the supervision of the PI and Co-PI of the Project.
- b. A duly constituted committee as per the norms of the project funding agency must select them.
- c. Such candidates may be converted to regular PhD students (IA category) based on the performance at the end of the project duration. The condition for a maximum of three and half years including JRF/SRF period will be applicable for giving assistantship/ fellowship.
- d. The PS shall perform the tasks assigned by the PI of the Project.

External (EX)

This category refers to a student employed in an R&D organization/ industry listed with SEBI or NSE/BSE and having adequate research facilities. The Chairperson Senate shall approve such organizations. There shall be two sub-categories in this:

- a. Candidates who are local (that is they are able to attend all classes, labs, etc on regular basis) and have been employed as professionals in an establishment/ organization/ institute. Such candidates shall not be having any bounding of the residence requirement.
- b. Candidates who are non-local (that is they are not able to attend all classes, labs, etc on regular basis) and have been employed as professionals in an establishment/ organization/ institute approved by the Senate. The research work leading to the Ph.D. degree by such students may be carried out largely in the parent organization of the candidate under a local supervisor from the organization approved by the Senate from the organization but with the overall guidance provided by a faculty member (Institute Supervisor) of the Discipline in which she/he is registered. Such candidates are required to be resident of the Institute till they complete the course work and pass the comprehensive examination.

The Institute shall not be providing any assistantship / fellowship to such a student.

Special Part Time Ph.D. Programme for working Professionals

The person employed in defense or railway establishment or in a company/industry having turnover of Rs. 100 crores with the relevant research facility or more at executive position and have 5 years or more experience in a company are eligible for admission under this category. For the persons employed in defense organization, the minimum experience requirement will be waived but such candidates must be properly forwarded by their parent organizations.

Following conditions will apply:

- a. Such candidates will be recommended by their parent department and approved by the discipline committee of the concerned discipline for the PhD admission.
- b. The requirement of GATE/CEED will be waived for such candidates.
- c. Such candidates are required to carry out the course work along with the regular PhD students of the Institute.
- d. Most of their research work will be carried out at their parent organization only.
- e. For such candidates residence requirement will be waived. Further, they will be given waiver for teaching pedagogy course but they need to fulfill all other requirements of Ph.D. programme.
- f. The candidates will have a supervisor from the Institute and one external supervisor from the concerned establishment. The external co-supervisor must be a PhD degree holder or have relevant research experience of 10 years or more.
- g. An MoU will be signed with all establishment/unit for the purpose.

The Institute shall not be providing any assistantship/ fellowship to such a student.

Admission to foreign students:

The Institute will be admitting the students of foreign nation through

- a. Study in India Program
- b. DASA scheme
- c. Institute level counseling

For such candidates the requirements of mandatory GATE/CEED/JRF and other qualifying exams may be relaxed. He/she must have cleared TOEFL/IELTS/Duolingo. The candidates may be admitted at any time.

The Institute shall not providing assistantship/fellowship to such a student.

Direct Admission to Ph.D after B.Tech

Students who are currently in their final year in any of the Centrally Funded Technical Institutions (CFTIs) will only be eligible for the admission under this category. To be eligible for the admission under this category, a candidate is required to have a minimum CPI of at least 8.0 CPI or equivalent (on a scale of 10) at the end of the seventh semester under OPEN and OBC or EWS categories. For SC/ST category students, the minimum CPI requirement will be relaxed to 7.0. Qualified and valid NET/GATE/CEED score is mandatory in this case. They shall be

admitted through the same regular admission process as specified for the regular Ph.D. students. Such students will be considered under the Institute Assistance category.

General Information:

1. Relaxation for reserved category in the eligibility requirements shall be as per Govt. of India norms.
2. In case of sponsored and part time categories, candidates shall have a regular employment and shall be required to apply through proper channel (the employer or her/his authorized signatory). Such candidate shall have served for at least two years in a reputed R&D establishment/ organization/ academic institution/ company associated with design, development and/or manufacturing of engineering products.
3. For detailed information about the Ph.D. Programme, please go through the link: <https://www.iiitdmj.ac.in/academics/download/Ph.D.Guidelines%202020.pdf> and to fill up [online application form](#) please go through the link: <http://admission.iiitdmj.ac.in/>
4. Last date for the filling of application is September 05, 2022. Kindly note that Institute will accept only online application forms. Fee of Rs. 500/- for Gen and OBC & Rs. **300/-** for SC/ST category candidates by online mode.
Link for payment is http://services.sabpaisa.in/pages/iitdm.html#ChildVerticalTab_12.
5. **The list of short-listed candidates and other announcements regarding admission will be uploaded on Institute's website admission.iiitdmj.ac.in**

Address for communication:

Assistant Registrar (Academic),
PDPM IIITDM Jabalpur,
Dumna Airport Road,
Post: Khamaria, Jabalpur (MP) – 482005

Annexure I: Qualifying Bachelors Degree Requirement

| Computer Science and Engineering | Electronics and Communication Engineering | Mechanical Engineering | Design | NS (Physics) | NS (Mathematics) | English |
|---|---|---|--------------------------------------|---|---|------------------------------------|
| B.E./B.Tech. in Computer Engineering | B.E./B.Tech. in Advanced Communication and Information System | B.E./B.Tech. in Aeronautical Engineering | B.Des. (Bachelors' Degree in Design) | B.Sc. with Physics as one of the subjects | B.Sc. with Mathematics as one of the subjects | B.A. with English as major subject |
| B.E./B.Tech. in Computer Science | B.E./B.Tech. in Applied Electronics and Instrumentation Engineering | B.E./B.Tech. in Aerospace Engineering | B.E./ B.Tech. in any field | | | |
| B.E./B.Tech. in Computer Science and Engineering | B.E./B.Tech. in Applied Electronics and Telecommunication Engineering | B.E./B.Tech. in Automobile Engineering | B.Arch. | | | |
| B.E./B.Tech. in Computer Science and Information Technology | B.E./B.Tech. in Automation and Robotics | B.E./B.Tech. in Industrial Manufacturing Engineering | | | | |
| B.E./B.Tech. in Computer Technology | B.E./B.Tech. in Communication Engineering | B.E./B.Tech. in Industrial and Production Engineering | | | | |
| B.E./B.Tech. in Information Technology | B.E./B.Tech. in Control and Electrical Engineering | B.E./B.Tech. in Industrial Engineering | | | | |
| B.E./B.Tech. in Computer and Communication Engineering | B.E./B.Tech. in Control and Instrumentation | B.E./B.Tech. in Industrial Engineering and Management | | | | |
| B.E./B.Tech. in | B.E./B.Tech. in | B.E./B.Tech. in | | | | |

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| Computer Engineering and Application | Control Engineering | Manufacturing Engineering | | | | |
| B.E./B.Tech. in Computer Science and Systems Engineering | B.E./B.Tech. in Control System Engineering | B.E./B.Tech. in Mechanical Engineering | | | | |
| B.E./B.Tech. in Computer Science and Technology | B.E./B.Tech. in Electrical and Electronics | B.E./B.Tech. in Mechatronics | | | | |
| B.E./B.Tech. in Information and Communication Technology | B.E./B.Tech. in Electrical and Electronics (Power System) | B.E./B.Tech. in Production and Industrial Engineering | | | | |
| B.E./B.Tech. in Information Engineering | B.E./B.Tech. in Electrical and Electronics Engineering | B.E./B.Tech. in Production Engineering | | | | |
| B.E./B.Tech. in Information Science | B.E./B.Tech. in Electrical and Instrumentation Engineering | B.E./B.Tech. in Production Engineering and Management | | | | |
| B.E./B.Tech. in Information Science and Engineering | B.E./B.Tech. in Electrical and Power Engineering | B.E./B.Tech. in Advanced Manufacturing and Mechanical Systems Design | | | | |
| B.E./B.Tech. in Software Engineering | B.E./B.Tech. in Electrical Engineering | B.E./B.Tech. in Applied Mechanics | | | | |
| B.E./B.Tech. in Information Science and Technology | B.E./B.Tech. in Electrical Engineering (Power) | B.E./B.Tech. in Automation and Robotics | | | | |
| | B.E./B.Tech. in Electrical Engineering (Power) | B.E./B.Tech. in Automotive Engineering | | | | |

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| | B.E./B.Tech. in Electrical Engineering and Industrial Control | B.E./B.Tech. in Automotive Technology | | | | |
| | B.E./B.Tech. in Electrical Instrumentation and Control Engineering | B.E./B.Tech. in Electronics and Avionics | | | | |
| | B.E./B.Tech. in Electrical Power Engineering | B.E./B.Tech. in Electronics and Avionics | | | | |
| | B.E./B.Tech. in Electronic Instrumentation and Control Engineering | B.E./B.Tech. in Engineering Design | | | | |
| | B.E./B.Tech. in Electronics and Avionics | B.E./B.Tech. in Industrial Engineering and Management | | | | |
| | B.E./B.Tech. in Electronics and Communication Engineering | B.E./B.Tech. in Machine Engineering | | | | |
| | B.E./B.Tech. in Electronics and Computer Engineering | B.E./B.Tech. in Machine Tools Engineering | | | | |
| | B.E./B.Tech. in Electronics and Control Systems | B.E./B.Tech. in Manufacturing Process | | | | |
| | B.E./B.Tech. in Electronics and Electrical Communication Engineering | | | | | |
| | B.E./B.Tech. in | | | | | |

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| | Electronics and Electrical Engineering | | | | | |
| | B.E./B.Tech. in Electronics and Information Systems | | | | | |
| | B.E./B.Tech. in Electronics and Instrumentation Engineering | | | | | |
| | B.E./B.Tech. in Electronics and Power Engineering | | | | | |
| | B.E./B.Tech. in Electronics and Telecommunication Engineering | | | | | |
| | B.E./B.Tech. in Electronics and Telematics Engineering | | | | | |
| | B.E./B.Tech. in Electronics Communication and Instrumentation Engineering | | | | | |
| | B.E./B.Tech. in Electronics Design Technology | | | | | |
| | B.E./B.Tech. in Electronics Engineering | | | | | |
| | B.E./B.Tech. in Electronics Engineering (Design and Manufacturing) | | | | | |

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| | B.E./B.Tech. in Electronics Instrument and Control | | | | | |
| | B.E./B.Tech. in Electronics Science and Engineering | | | | | |
| | B.E./B.Tech. in Electronics Technology | | | | | |
| | B.E./B.Tech. in Instrumentation and Control Engineering | | | | | |
| | B.E./B.Tech. in Instrumentation Engineering | | | | | |
| | B.E./B.Tech. in Instrumentation Technology | | | | | |
| | B.E./B.Tech. in Radio Physics and Electronics | | | | | |
| | B.E./B.Tech. in Telecommunication Engineering | | | | | |

Important Dates for Ph D Admission

| Program Events | Date | Day |
|---|--------------------------|------------|
| Date of start to fill up on-line application | 19-08-2022 | Friday |
| Last date of filling up on line application and Submission of relevant documents if any | 31-08-2022 | Wednesday |
| Announcement of short-listed candidates for written test/Interview | 05-09-2022 | Monday |
| Date of Interview/ Written Test | | |
| PhD- Computer Science and Engineering | 14-09-2022 | Wednesday |
| PhD- Electronics and Communication Engineering | 14-09-2022 | Wednesday |
| PhD-Mechanical Engineering | 14-09-2022 | Wednesday |
| PhD-Design | 14-09-2022 | Wednesday |
| PhD-Mathematics and Physics | 14-09-2022 | Wednesday |
| PhD – English | 14-09-2022 | Wednesday |
| Registration | | |
| Announcement of Selected candidates on website | 23-09-2022 | Friday |
| Last date to deposit fee by selected candidates | To be communicated soon. | |
| Registration/ Orientation | | |
| Commencement of Classes | | |