

**PDPM**

**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](http://www.iiitdmj.ac.in))

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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 (**NS**)-**Mathematics and Physics** and English (**LA**) 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
- v) The minimum experience for the Part Time PhD Program for working personals is 05 years. However, the persons employed in the defense organizations the minimum requirement will be waived but such applications must be properly forwarded.

**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. 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	M.E./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	M.E./M.Tech. in (EE/ ECE/ PC/ ICE/ MT) or in any EE or ECE related subjects with B.E./	Qualified GATE in Electrical Engineering (EE) or Electronics	

Engineering	B.Tech.	and Communication Engineering (EC) or Instrumentation (IN) or Biomedical Engineering (BM) or Engineering Sciences (XE)	
PhD in Mechanical Engineering	M.E./M.Tech. in (ME/ PI/ IPE/ AE/ MT/ SM) or in any ME or PIE 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)	
Ph.D. in Smart Manufacturing	M.E./M.Tech. in (ME/ PI/ IPE/ AE/ MT/ SM/ ECE/ ICE/CSE) or in any ME or PIE or ECE or CSE related subjects with B.E./ B.Tech.	Qualified GATE in Computer Science and Information Technology (CS) or Electrical Engineering (EE) or Electronics and Communication Engineering (EC) or Instrumentation (IN) or Mechanical Engineering (ME) or Production and Industrial Engineering (PI) or Engineering Sciences (XE)	
PhD in Design	Master's degree in Design (M.Des.), Technology (M.Tech.) and Architecture (M.Arch.) with B.E./ B.Tech./ B.Des./ B.Arch. Master's 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	
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 score will only be admitted under this category. The students under this category are entitled to financial support (Teaching Assistantship), as per the MHRD 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/academic institution/ industries listed with NSE/ 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. They 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 candidate will be eligible to apply under this category if the remaining duration of the project at the time of admission is 2 years or more and subject to following additional conditions:

- a. Project staff shall apply through the PI of the project along with a research proposal in line with the project on which he/she is working. Such application shall be forwarded by the head of the discipline under PS category and shall clearly mention in her/his application *“Financial Assistance for the Stipend or Fellowship shall strictly be borne by the project funds and not by MHRD/Institute Assistantship”*.
- b. The Project Staff shall not be paid any Institute assistantship (She/ He will be receiving his scholarship /assistantship from the project in which he/she is employed) and the institute shall have no liability whatsoever, in case the project tenure is over and the PI is unable to pay the assistantship to the student. The financial onus of the student strictly lies with the Principal Investigator (PI) and the Project.
- c. The PS shall perform assignment assigned by the PI of the project under this category.

**External (EX)**

This category refers to a student employed in an R&D organization/ academic institution/ industry listed with SEBI or NSE 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 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. 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 carrying out at their parent organization only.
- e. For such candidates residence requirement will be waived. Further, they will be given waiver for Communication English course and teaching credits 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.
- 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

The candidates may be relaxed the requirements of mandatory GATE/CEED/NET and other

qualifying exams. The candidates may be admitted at any time based on the counseling schedule of agencies and may be given some relaxation by the committee of Dean Academic and All Heads of the discipline.

### **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. Application Process:
  - a) [Online application form](#)
  - b) Application received by 25/03/2022 will be considered for immediate admission (session 2021-22) and received thereafter will be consider for July 2022-23 session.
  - c) 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. Fee for foreign Student will be \$100.
  - d) Link for payment is [http://services.sabpaisa.in/pages/iiitdm.html#ChildVerticalTab\\_12](http://services.sabpaisa.in/pages/iiitdm.html#ChildVerticalTab_12).
5. **The list of short-listed candidates and other announcements regarding admission will be uploaded on Institute's website [www.iiitdmj.ac.in](http://www.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	Smart Manufacturing	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	B.E./B.Tech. in Control and Electrical	B.E./B.Tech. in Industrial Engineering					

Technology	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 Computer Engineering and Application	B.E./B.Tech. in Control Engineering	B.E./B.Tech. in 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	B.E./B.Tech. in Electrical and	B.E./B.Tech. in Advanced					

Information Science and Engineering	Power Engineering	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					
	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 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)						
	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						

**Seat Matrix for CSE, ECE, ME, SM, Design, Mathematics, Physics and English discipline**

<b>Discipline</b>	<b>OP</b>	<b>OPPH</b>	<b>EWS</b>	<b>EWSPH</b>	<b>OB</b>	<b>OBPH</b>	<b>SC</b>	<b>SCPH</b>	<b>ST</b>	<b>STPH</b>	<b>Total</b>
Computer Science & Engineering	8	0	3	0	7	0	3	0	0	0	<b>21</b>
Electronics and Communication Engineering	7	0	2	0	0	1	2	0	2	0	<b>14</b>
Mechanical Engineering	5	1	2	0	3	1	4	0	2	0	<b>18</b>
Design	3	0	1	0	0	0	1	0	0	1	<b>6</b>
Physics	1	1	1	0	2	0	1	0	1	0	<b>7</b>
Mathematics	2	1	0	0	2	0	0	0	1	0	<b>6</b>
English	1	0	0	0	2	0	0	1	0	0	<b>4</b>
<b>Total</b>	<b>27</b>	<b>3</b>	<b>9</b>	<b>0</b>	<b>16</b>	<b>2</b>	<b>11</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>76</b>

## **Important Dates for Ph D Admission**

<b>Timelines for Applications considered for 2021-22 session are given below:</b>		
<b>Program Events</b>	<b>Date</b>	<b>Day</b>
Date of start to fill up on-line application	08/03/2022	Tuesday
Last date of filling up on line application and Submission of relevant documents if any	25/03/2022	Friday
Announcement of short-listed candidates for written test/Interview	30/03/2022	Wednesday
<b>Date of Interview</b>		
PhD- Computer Science and Engineering	11/04/2022	Monday
PhD- Electronics and Communication Engineering	11/04/2022	Monday
PhD- Mechanical Engineering	11/04/2022	Monday
PhD- Mechatronics	11/04/2022	Monday
PhD- Design	11/04/2022	Monday
PhD-NS (Physics and Mathematics)	11/04/2022	Monday
PhD- LA (English)	11/04/2022	Monday
Submission of Selection Committee report to the academic office	15/04/2022	Friday
<b>Registration</b>		
Announcement of Selected candidates on website	22/04/2022	Friday
Last date to deposit fee by selected candidates		
Registration/ Orientation		
Commencement of Classes		

**Timelines for Applications considered for July 2022-23 session will be intimated later on.**