

PDPM
Indian Institute of Information Technology, Design &
Manufacturing Jabalpur
(An Institute of National Importance established by an act of Parliament, under MHRD, Govt. of India)
Dumna Airport Road, PO: Khamaria, Jabalpur-482005(MP)INDIA

ADVERTISEMENT FOR FACULTY POSITIONS

Advertisement No.01/2019

Dated: 14/02/2019

PDPM Indian Institute of Information Technology, Design and Manufacturing Jabalpur, an Institute of national importance, established by an act of Parliament under Ministry of Human Resource Development, Government of India invites applications from well qualified and strongly motivated candidates for faculty positions at the level of Professor/Associate Professor/Assistant Professor (Grade I) in the disciplines of **Computer Science and Engineering(CSE), Electronics & Communication Engineering (ECE), Mechanical Engineering(ME), Design, Natural Sciences(Physics, Mathematics and English)** . Areas of specialisation in the required disciplines are as below:-

Sl.No	Name of Discipline	Area of Specialization
1	CSE Discipline	1. Computer Architecture and Organization
		2. Cyber and System Security
		3. Data Communication and Computer Networks
		4. Data Science and Engineering
		5. Data Structures and Algorithms
		6. Embedded Systems and IoT
		7. Image Processing and Computer Vision
		8. Machine Learning and Computational Intelligence
		9. Mobile and Internet Technology
		10. Operating System
		11. Parallel and Distributed Computing
		12. Software and System Engineering
		13. Theoretical Computer Science
2	ECE Discipline	1. Signal Processing
		2. Microwave Engineering
		3. Power System
		4. Microwave Communication Engineering
		5. Electromagnetics and Photonics Communication
		6. Control System
3	ME Discipline	1. Manufacturing Science and Engineering
		2. Advance Manufacturing Processes
		3. Solid Mechanics and Design
		4. Kinematics and Dynamics
		5. Fracture and Fatigue
		6. Vibration, Tribology and Condition Monitoring
		7. Smart Materials and Composites
		8. FEM/ BEM/ FDM
		9. Industrial Engineering and Management

		10. CAD/CAM/CIM/FMS/RMS
		11.I.C Engine & Vehicle Engineering
		12. Thermodynamics and Heat Transfer
		13. Renewable Energy Technologies (Solar and Wind)
		14. Fluid Mechanics and CFD
		15. Gas Turbine Design
		16. Mechatronics, Robotics and MEMS
		17. Biomechanics and Biomaterials
4	Design Discipline	1. Product Design
		2. Industrial Design
		3. Visual/Communication Design
		4. Interaction Design
		5. Design Management
		6. Design and Culture
		7. Design Aesthetics

Sl.No	Name of Discipline	Area of Specialization
5	Natural Sciences	
(I)	(Physics)	1. Nano-Magnetic
		2. Magnetic Material
		3. Spintronics and Nano Sensors
		4. Semiconductor Thin Films and Devices
		5. Magnetoimpedance
		6. Nano Science & Nano Technology
		7. Spectroscopy
		8. Bio Physics
(II)	(Mathematics)	1. Spectral Method
		2. Statistics & Probability
		3. Bio-fluid Mechanics
		4. Abstract Algebra
		5. Pure Analysis
		6. Optimisation
(III)	(English)	1. English language, Communication and Cognitive Sciences
		2. Economics
		3. Psychology

1. Details of Educational qualification and experience required for the posts.

Sl. No	Designation, Pay Band and Academic Grade Pay	Essential Qualification	Relevant Experience	Other essential Requirements	Additional Desirable requirements
(1)	Assistant Professor (Grade I) Rs. 101500 - 167400 (minimum pay of Rs. 101500/-) Pay Level 12 (as per 7th CPC alongwith allowances admissible)	Ph.D	03 years after Ph.D or 06 years total (not counting Ph.D. enrolment period) after obtaining M.Tech. degree.	02 papers in SCI Journals outside Ph.D. work. One ongoing sponsored project for candidates from academia. Two experiments or computational projects added to teaching laboratories where appropriate.	One Ph.D supervision ongoing; 01 Patent; Experience in industry or R&D lab of repute; M.Tech. M.Sc. or B.Tech. project supervision on live industrial problems.
(2)	Associate Professor Rs. 139600 - 211300 (minimum pay of Rs. 139600/-) Pay Level 13A2 (as per 7th CPC alongwith allowances admissible)	Ph.D.	06 years after Ph.D or 09 years total (not counting Ph.D enrolment period) out of which 03 years should be after Ph.D Three years at the level of Assistant Professor Grade-I, Level-12 or equivalent in a reputed University, R&D lab or relevant industry.	04 papers in SCI journals after Ph.D.; One Ph.D. guided as sole or principal supervisor plus one continuing. Two projects ongoing or one ongoing plus one completed. Two experiments or computational project added to teaching laboratories where appropriate. Academic outreach activity equivalent to two self financed short term courses.	01 or more patents; Supervising two or more students for Ph.D.; Strong liaison with industry; Offering courses through application of ICT.
(3)	Professor Rs. 159100 - 220200 (minimum pay of Rs. 159100/-) Pay Level 14A (as per 7th CPC alongwith allowances admissible)	Ph.D	10 years after Ph.D or 13 years total (not counting Ph.D. enrolment period) out of which 07 years are to be after Ph.D; At least four years to be at Associate Professor at the level of level 13A2 AND/OR seven years in Associate Professor at the level of 13A1 in an institution of repute.	Two Ph.D degree guided in Career as sole or principal supervisor. The following during the past 04 years; (i) 03 papers in SCI journals (ii) One High value sponsored or consultancy project; (iii) Academic outreach activity equivalent to two self- financed courses offered as coordinator and main teacher; (iv) Two experiments or computational design projects with added to teaching laboratories where appropriate.	One or more patents, Supervised more than three students for Ph.D. Preparing E-Learning material. Atleast one self-financed short terms course offered every year. Strong liaison with industry. Offering significant support to Institute management; High value sponsored or consultancy projects.

2. Instructions to the applicants :-

- 1) **Advertisement No 01/2016 dated 29/01/2016 for the post of Associate Professor, Professor and Professor(HAG scale) and Advertisement No 05/2017 dated 20/06/2017 for the post of Assistant Professor (Grade-I) stands cancelled. Those who have applied against these advertisements need to apply afresh.**
- 2) Application forms may be downloaded from the Institute's website: **www.iiitdmj.ac.in**. The last date of receipt of the completed application form is **15/03/2019** (By 5.00 PM)
- 3) An application of Rs 500/- against each application form in form Demand Draft drawn in favour of "Registrar, PDPM-IIITDM, Jabalpur" should be submitted alongwith application form.
- 4) SC/ST/PWD are exempted from payment of application fees.
- 5) Separate application must be filled up if a candidate is applying for a faculty position in more than one discipline or for more than one post.
- 6) Full and comprehensive details of teaching experience/research experience /industrial experience should be given while applying with the evidences from the competent authority. Only relevant document issued by competent authority should be attached while filling the form.
- 7) Attach separate sheet in the same format, if required.
- 8) Incomplete/ partially filled application forms will not be considered. Applications not in prescribed format or without self-attested copies of certificates/ mark sheets, proof of date of birth, etc. (mentioned in check list), application without signature or any extra sheet not signed may be rejected. Decision of the Institute authorities in such cases will be final.
- 9) Persons employed in Government/Semi- Government Organization or Educational Institution must apply through proper channel. However, a copy of duly filled application may be sent as an "Advance Copy" so as to reach this office before the due date of submission.
- 10) No correspondence will be entertained from candidates regarding postal delays, conduct & result of interview, reasons for not being called for interview.
- 11) The Institute reserves the right to fill or not to fill any or all the posts advertised.
- 12) Canvassing in any form will be a disqualification.
- 13) Applications sent through email/FAX will not be considered.
- 14) **Incomplete applications / without necessary enclosures will summarily be rejected.**
- 15) Envelope containing application form should be super-scribed with "**APPLICATION FOR THE POST OF ASSISTANT PROFESSOR(GRADE-I)/ASSOCIATE PROFESSOR/ PROFESSOR IN THE DISCIPLINE OF CSE/ME/ECE/DESIGN/NATURAL SCIENCES(PHYSICS/MATHEMATICS/ENGLISH)**".
- 16) **Complete application form in hard copy alongwith all the enclosures/annexure must be forwarded at the address given below.**
- 17) **Applicants also required to forward only scanned copy of their application form (without any enclosures/annexure) on the email-id -facapp@iiitdmj.ac.in also.**

- 18) **Applications forwarded only as scanned copy on the email not followed by hard copy, will not be considered.**
- 19) **Applications which are not strictly as per the format given will be summarily rejected. Bio-data/Curriculum vitae etc. will also not be considered and will be summarily rejected.**
- 20) Applicants should go through the advertisement thoroughly and should fill up all the required information in the prescribed proforma as asked for.
- 21) Candidates called for interview will be reimbursed AC-3 train fare (only for travel within India) by the shortest route/bus fare as per Govt. of India norms. Candidates from overseas are also encouraged to apply. The Institute holds web interviews for such candidates. No correspondence will be entertained from candidates regarding postal delays conduct and result of interviews and reasons for not being called for interview.
- 22) **Applicants are requested to look at website of PDPM-IIITDMJ(www.iiitdmj.ac.in) from time to time for information, updates etc. Updatons, if any will be published on the website only and not in newspaper.**
- 23) **Address for correspondence : Assistant Registrar (Establishment), PDPM IIITDM Jabalpur, Dumna Airport Road PO - Khamaria Jabalpur-482005 (MP) (India).**

3. Facilities available to the faculties

- 1) Reimbursement of relocation charges upto Rs. 90,000/-for faculty from abroad for reimbursement of air fare for self and spouse and cost of transportation of goods is admissible as per Institute /Govt. of India norms. Reimbursement for self and family and transport of goods for faculty joining from within India is also applicable as per rules of the Institute/ Govt. of India.
- 2) The Institute provides a Cumulative Professional Development Allowance (CPDA) of Rs. 3 lakhs for every block of three years as per MHRD Govt. of India orders.
- 3) **The posts carry allowances such as HRA, TA, DA-at present 9% Reimbursement of Children Education Allowance (upto 2 children) Medical facilities, facility of LTC as per GOI/Institute Rules.**
- 4) The Institute encourages interaction of the faculty with industry and other research and professional institution.

4. Note:-

- 1) Candidates should have an excellent academic record, good communication skills, a commitment to high quality undergraduate and post-graduate education and research.
- 2) Mere meeting the minimum education qualification and experience does not qualify an applicant for call for an interview and selection etc. Short listing criteria for calling for interview may be fixed higher than those in the advertisement.
- 3) A candidate applying for a post can be called for interview for lower post also, if Committee recommends so.
- 4) A candidate may be offered lower Post/AGP/Scale of Pay other than the post for which the applicant would be called for interview based on his performance, qualification and experience etc before the selection Committee.
- 5) Based on the recommendations of Selection Committee, the appointing authority may offer appointment for a fixed tenure and on contract also against regular post.
- 6) The cut of date for deciding qualification and experience will be considered as on **15th March 2019**, i.e., last date of receipt of applications.

REGISTRAR