



Indian Institute of Information Technology Design and Manufacturing, Kurnool,
(An Institute of National Importance fully funded by MHRD, Govt. of India)
Jagannathagattu, Dinnedavarapadu Village, Kurnool , Andhra Pradesh - 518 002

Advt.No.IIITDMKL/R/1/2018

Dated: 19th September, 2018

FACULTY RECRUITMENT

Indian Institute of Information Technology Design and Manufacturing, Kurnool is an Institute of National Importance established in 2015 by the Ministry of Human Resource Development, Government of India. It is a Centre of Excellence for pursuing Design and Manufacturing oriented Engineering Education and Research and for promoting competitive advantage of Indian products in global markets. The Institute is located at Jagannathagattu, Dinnedavarapadu Village, Kurnool Andhra Pradesh and construction of state of art campus is under progress. This institute is mentored by IIITDM Kancheepurm.

The Institute offers B.Tech programme in Computer Science and Engineering, Electronics and Communication Engineering and Mechanical Engineering. It functions with the vision to groom engineers with design and manufacturing skills. The institute gives significant amount of emphasis for practice courses and theory concepts are also explored along with the relevant laboratory course.

IIITDM Kurnool invites online application from individuals having **Doctoral degree** from reputed Institutions in India and abroad with an established record of high quality research, product design & development and commitment to teaching and research for faculty position in the following areas

- **Computer Science Engineering**

- Big Data and Analytics, Artificial intelligence, Cybersecurity, Internet of Things, Augmented and Virtual Reality, Computer graphics and multimedia, Mobile technologies, Cloud computing and cyber-physical systems, Digital Design and Verification, GPU Architectures and Applications, Human Computer Interface, computer vision

- **Electronics Engineering**

Autonomous systems, Control and robotics, Microelectronics and VLSI design, Networked embedded systems, Wireless communication, Biomedical systems, Photonics, Smart grid and other energy technologies, Flexible Electronics/Printable Electronics, Micro Wave & RF

- **Mechanical Engineering**

- Computational Geometry, Design for Additive Manufacturing/Shape optimization, Machine Learning, Operations Management/IT enabled Manufacturing, Non-traditional Manufacturing, Renewable energy systems, Additive manufacturing, Advanced Materials & Product Design, FMEA & Design

- **Physics and Mathematics**

- All specialization

Detail of Educational qualification and experience required for the posts

under Four Tier Flexible Structure:

Post Sl. No	Designation, Pay Band and Academic Grade Pay	Essential Qualification	Relevant Experience	Other essential requirements	Additional Desirable Requirements
01	Assistant Professor Grade II Basic Pay at the entry level would be Rs.70,900 at Pay Matrix level 10 in 7th CPC	Ph.D.	None	None	One Publication in an SCI Journal
02	Assistant Professor Grade I Basic Pay at the entry level would be Rs.1,01,500 at Pay Matrix level 12 in 7th CPC	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, MSc or B Tech project supervision on live industrial problems.
03	Associate Professor Basic Pay at the entry level would be Rs.1,39,600 at Pay Matrix level 13A2 in 7th CPC	Ph.D	06 years after Ph.D or 9 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 with AGP of Rs.8000 or its equivalent in 7 CPC at 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 projects 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

Note:

1. Reservation for SC/ST/OBC/PWD candidates will be as applicable.
2. House Rent Allowance and Transport Allowance as per the 6th CPC till further orders.
3. Age limit in case of Assistant Professor Grade II shall be a maximum of 35 Years; 40 Years for Assistant Professor Grade I and 45 Years in case of Associate professor.
4. Post Doctoral Experience in reputed institution in India and abroad will be an added advantage

3. Eligible Degrees for Consideration:

Sl. No.	Discipline	Eligibility
1.	Computer Science and Engineering	B.E/B.Tech or M.E/M.Tech/M.Des in Computer/ Electrical/ Electronics/ Electronics & Communication along with Ph.D Degree in Computer Science and Engineering only
2.	Electronics & Communications Engineering	B.E/B.Tech or M.E/M.Tech/M.Des in Electrical Engineering/ Electrical and Electronics Engineering/ Electronics Engineering/ Electronics and Communication Engineering along with Ph.D Degree in Electronics Engineering / Electronics and Communication Engineering only .
3.	Mechanical Engineering / Industrial Design and Smart Manufacturing	B.E/B.Tech or M.E/M.Tech/M.Des in Mechanical Engineering/ /Aerospace Engineering/ Automobile Engineering/ Industrial Engineering/ Instrumentation / Production/ Manufacturing Engineering/ Mechatronics/ CAD/CAM/ CIM and in related areas along with Ph.D in Mechanical Engineering only
4.	Mathematics	Master's Degree in Mathematics/ Statistics/ Computer Science or M.Tech (Industrial Mathematics & Scientific Computing) or any M.Tech degree with Master's degree in Mathematics/ Statistics/ Computer Science along with Ph.D in Mathematics/ Computational Mathematics only.
5.	Physics	M.Sc/ M.Sc (Tech) in Physics, Applied Physics, Materials Science/ M.Tech (Solid State Technology)/ M.Tech (Materials Science)/ M.Sc. Applied Optics/ Optoelectronics or equivalent along with Ph.D in Physics only.

Note: In case of Institute offering interdisciplinary courses, the area of specialization/research will be considered for short listing suitable candidates.

4. Instructions for Applicants:

- Applicants are required to submit on-line application and the candidates applying for more than one post are required to submit application for each discipline separately. Enclosures, if any, in support of application are to be uploaded as separate documents (pdf preferred) along with the application form.
- A detailed Academic Profile, inter alia, including the following information is required to be submitted:
 - a) A Teaching Plan, indicating core courses from the curriculum of IITDM Kurnool (available at www.iitdmkl.ac.in) that the applicant can teach and also an expanded statement of his objectives and long term interests in coursework development. In case of candidates having prior teaching experience, the statement should contain student feedback ratings, profiles of 3 best courses taught in the last three years (profile should contain course outline / teaching plan, novel methods used, if any, including online content, term papers, group activity etc.,) The statement should also include details of any teaching related awards and details of participation in teacher development programs as participant or as mentor.
 - b) A Research Plan highlighting current and past research interests and achievements as also future plans in the short and long terms. The plan shall also highlights the achievements of guided research scholars especially where one can take pride in the work done or the role played in guiding. In addition, candidates are expected to submit one page abstract of two research proposals after joining the institute.

c) Details of Journal publications :

Candidates are expected to upload a list of journal publications along with copies of 4 best papers authored by them in the last 5 years chronologically listing:

Names of authors, Title of the paper, Name of the Journal/Conference, Volume/ Proceedings, pages (from – to), Year, etc. The same shall be grouped as Journal Publications and papers presented at National / International Conferences along with citation count and Journal Impact factors as available.

d) Details of Awards, Patents, Prizes etc., indicating:

Nature, Name of prize/award, awarded by, awarded for, year of award; Name of the patent, year and details about the patent, etc. as well as the candidate's specific contribution vis a vis the Co-inventors.

e) Research Guidance (only Ph.D.with formal Guide Status) :

Research degree, Name of the scholar, Title of the Thesis, Year of award etc (on -going supervision) may also be indicated separately.

f) Details of Externally funded / Sponsored projects :

Title of the project, Duration, Sponsor, Value, Co-investigators, if any, role of the candidate and specific contributions, etc. Candidates should highlight specific contributions, if any, to industry/pointing out the challenges overcome and the value added etc.

g) Industrial Experience and Consultancy: Details of industrial experience and relevance to proposed teaching and research.

h) Other Activities Like:

Lab Experiments added, outreach activity, E learning/ICT based methodology adopted for teaching, Text books and Monographs if any authorised by the candidate along with details, Continuing education programs / conferences organized (as an organizer or co-organizer) etc.

i) Any other relevant but brief information on academic standing.

On the above, the Teaching Plan and Research Plan are not required to be submitted at the time of application. Upon publication of shortlisted candidates, the candidates are required to submit the same within the stipulated time. Further, only in case of shortlisted candidates, References will be invited directly from the referees by the Institute.

4. Support for Professional Advancement of Faculty:

- a. A Cumulative Professional Development Allowance (CPDA) of Rs.3 lakhs for every block period of 3 years (Rupees one lakh per year) will be made available to every member of the faculty on reimbursable basis to meet the expenses for participation in National and International conferences, Membership fee of professional bodies and contingent expenses.
- b. Opportunity to interact with industry, other research and professional institutions.
- c. Encourage for Consultation works with liberal policy.
- d. Professional visits during vacation period for carrying out scientific research work.
- e. Facilities for Research and Development activities in all the Departments and Centres.
- f. Reimbursement of telephone bills up to Rs.750/p.m. and STD facility for office telephone.
- g. Permission to attend multiple International Conferences without Institute financial assistance
- h. Good facilities for computing.
- i. Well-stocked library.

5. **Additional Information**

- a. Permanent faculty positions are open to Indian Nationals, Persons of Indian Origin (PIO) and overseas citizens of India (OCI). Appointment of foreign nationals for fixed period on contract basis is permissible.
- b. Political and security clearance from Ministries of External Affairs and Home Affairs is necessary in every case for individuals with foreign passports.
- c. Candidates employed in Government and Semi-Government Organizations, Public Undertakings, University and Educational Institutions must apply through proper channel and are required to submit **No objection Certificate at the time of interview.**
- d. The Institute reserves the right to fill or not to fill any or all the posts advertised.
- e. The Institute reserves the right to restrict the number of candidates for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement and other academic achievements.
- f. The Institute reserves the right to shortlist only the candidates whose Area of Specialization/Research meeting the requirement of the institute
- g. The invitation to candidate for interview merely indicates the suitability for the post and conveys no assurance whatsoever that he/she will be recommended or selected or his/her conditions specified in the application will be accepted.
- h. The Institute reserves the right to screen and call only such candidates as are found prima-facie suitable and meeting the norms stipulated by the selection Committee. Thus, just fulfilling the minimum prescribed conditions would not entitle one to be called for interview.
- i. No correspondence whatsoever will be entertained from candidates regarding reason for not being called for interview / outcome of interview.
- j. The Institute may consider candidates whose area of specialization is other than those stated herein, provided these persons have an outstanding record.
- k. Outstation candidates within India shortlisted for personal interview, after seminar presentation, will be paid 2nd Class AC train fare by the shortest route from your residence or work place.
- l. The candidate is responsible for the correctness of the information provided in the application. If it is found at a later date that any information given in the application is incorrect / false the candidature / appointment is liable to be cancelled / terminated.

6. **Mode of Selection:**

The selection will be based on Seminar Presentation and interview. The candidates called for seminar presentation will be assessed by the duly constituted committee and only the candidates shortlisted and recommended by the committee shall attend interview.

7. **Important dates:**

- a) Opening date for on-line application : 21.09.2018
- b) Closing date for on-line application : 21.10.2018

Any query contact:

Email : recruitment@iiitk.ac.in

Tel : 044 2747 6312 / 6313

Mentor Director