



**Indian Institute of Information Technology Design and Manufacturing, Kurnool,
Andhra Pradesh**

(An Institute of National Importance fully funded by MHRD, Govt. of India)

Advt. No. IIITDM/Advt/2019-2020/4

Dated: 20-06-2019

RECRUITMENT OF FACULTY

Indian Institute of Information Technology Design and Manufacturing, Kurnool is an autonomous institute 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.

IIITDM Kurnool invites application from individuals having Doctoral degree from reputed Institutions or R&D Labs from India and abroad with an excellent academic record and high quality research, product design & development and commitment to teaching for faculty positions at the level of Associate Professor under Four Tier Flexible Faculty Structure in the disciplines of Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering and Design. Broad of areas of Interest, but not limited to, in various departments are as follows:

S No	Name of the department	Areas
1	Computer Science and Engineering	a) Computer Architecture /High Performance Computing /Parallel Computing/ Algorithm Design b) Operating Systems/OS Kernels/Device Drivers c) Computer Networks d) Artificial Intelligence / Machine Learning / Data Mining/ Big Data Analytics e) Pattern Recognition/ Information Security/ Health Care Informatics
2	Electronics and Communication Engineering	(a) Analog/Digital/Mixed Signal/ VLSI Circuit Design (b) RF/Microwave/Antenna (c) Digital Signal Processing/Biomedical Signal Processing/ Image Processing (d) Physical layer Communication/Networking
3	Mechanical Engineering	(a) Computational Geometry, Smart Manufacturing, Design for Additive Manufacturing/Shape optimization (b) Applications of AI and Machine Learning in Manufacturing (c) Operations Management/IT enabled Manufacturing, (d) Renewable Energy, Non-traditional Manufacturing, Additive manufacturing, Advanced Materials & Product Design, FMEA & Design,

2. Details of Educational qualification and experience required for the post of Associate Professor under Four Tier Flexible Structure:

<u>S.No</u>	<u>Designation, Pay Band and Academic Grade Pay</u>	<u>Essential Qualifications</u>	<u>Relevant Experience</u>	<u>Other essential requirements</u>	<u>Additional Desirable Requirements</u>
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1	Associate Professor: Basic Pay at the entry level would be Rs.1,39,600/- at Academic Pay Matrix level 13A2 in 7th CPC.	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 with AGP of Rs.8000 or its equivalent in 7th 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
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Note:

- Reservation will be as per Govt. of India norms prevalent at the time of interview.
- Age limit: 45 Years. However, for exceptional candidates age may be relaxed at the discretion of the screening committee.
- Post-Doctoral Experience in reputed institution in India and abroad will be an added advantage.
- The Persons having adequate industry experience with essential qualifications and requirements can also apply for the above mentioned position with all supporting documents.

3. Eligible Degrees for Consideration:

S.No.	No of Posts	Discipline	Eligibility
1	4 (Four)	Computer Science and Engineering	B.E/B.Tech in Computer Science and Engineering/Information Technology/ Electrical Engineering/Electronics and Communication Engineering and M.E/M.Tech/M.Des in Computer Science and Engineering /Information Technology or its equivalent along with Ph.D Degree in Computer Science and Engineering in the subject areas viz. Computer Architecture / High Performance Computing / Parallel Computing / Algorithm Design / Operating Systems / OS Kernels / Device Drivers / Computer Networks / Artificial Intelligence / Machine Learning / Data Mining / Pattern Recognition / Information Security / Recommender Systems / Health Care Informatics / Big Data Analytics or its relevant areas.
2		Electronics & Communications Engineering	B.E/B.Tech and M.E/M.Tech/M.Des in Electrical Engineering/ Electrical and Electronics Engineering/ Electronics Engineering/ Electronics and Communication Engineering or its equivalent along with Ph.D Degree in Electronics Engineering / Electronics and Communication Engineering in the subject areas viz.

		Analog / Digital / Mixed Signal/ VLSI Circuit Design / RF/ Microwave / Antenna / Digital Signal Processing / Biomedical Signal Processing / Image Processing / Physical layer Communication / Networking or its relevant areas.
3	Mechanical Engineering / Industrial Design and Smart Manufacturing	B.E/B.Tech and B.E/M.Tech/M.Des in Mechanical Engineering/ Aerospace Engineering/ Automobile Engineering/ Industrial Engineering/ Instrumentation / Production/ Manufacturing Engineering/ Mechatronics/ CAD/CAM/ CIM or in related areas along Ph.D in Mechanical Engineering in the subject areas viz. Manufacturing / Smart Manufacturing / Production Engineering/ Additive manufacturing/ Renewable Energy/Advanced Materials & Product Design/ Machine Learning/ Operations Management/IT enabled Manufacturing/ Non-traditional Manufacturing or its relevant areas

Note: a) In case of Institute offering interdisciplinary courses, the area of specialization / research will be considered for short listing suitable candidates. b) The Institute reserves its right to select the candidate in the areas over and above the specified areas taking into accounts the credential of the candidates.

4. Instructions for Applicants:

Applicants are required to submit application in prescribed form. Enclosures, if any, in support of application are to be send along with the application form.

- a) A detailed Academic Profile, inter alia, including the following information is required to be submitted: A Teaching Plan, indicating core courses from the curriculum of IIITDM Kurnool (available at www.iiitk.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, feedback 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 : (SCI Only) Candidates are expected to submit 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) Higher initial basic pay may be given to exceptionally qualified and deserving candidates (s) with relevant experience.

- g) The Institute reserves the right to fill or not to fill any or all the posts advertised.
- h) The Institute reserves the right to screen and call only such candidates as are found prima-facie suitable and meeting the norms and requirements of the department as stipulated by the Screening Committee. Thus, just fulfilling the minimum prescribed conditions would not entitle one to be called for interview.
- i) 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.
- j) The Institute reserves the right to shortlist only the candidates whose Area of Specialization/Research meeting the requirements of the departments.
- k) The Institute may consider candidates whose area of specialization is other than those stated herein, provided these persons have an outstanding record.
- l) The Institute reserves the right to rectify any discrepancy in the pay, Pay Level, etc., if found later on.
- m) 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.
- n) The decision of the Institute in all matters will be final and No correspondence whatsoever will be entertained from candidates.
- o) 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.
- p) The date and time of Interview will be informed only through the Institute website / e-mail.
- q) The institute reserves its right to have scrutiny criteria different for potential candidates.
- r) Any dispute with regard to the selection / recruitment process will be subjected to courts/tribunals having jurisdiction over Kurnool.
- s) Persons serving in Government/Semi-Government/PSUs/Educational Institutions should send their applications through proper channel. However, the applicant can submit the advance copy of the application form before the deadline.

5. Mode of Selection:

The selection process consists of two phases a) Seminar Presentation b) Interview

The shortlisted candidates will be invited to give seminar presentation before the duly constituted committee. Only the candidates recommended by the committee based on their performance in the seminar presentation shall attend interview before the selection panel.

6. General information

The application form complete (in prescribed format) in all respects along with self-attested certificates in support of qualifications and experience in an envelope super-scribing of "Application for the post of _____" send to the following address through post. Enclosures, if any, in support of application are to be send along with the application form. It must reach to the following address on or before **31st August, 2019**

The Registrar(i/c),
Indian Institute of Information Technology, Design and Manufacturing,
Kurnool
Near Dinnidevarapadu Village, Jaganathagattu
Kurnool,
Andhra Pradesh - 518007

Any query contact: recruitment@iiitk.ac.in