



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING KURNOOL

(An institute of National Importance under Ministry of Education, Govt. of India)

Jagannathagattu, Kurnool – 518008, Andhra Pradesh, INDIA

F. No./IIITDMKL/Project/ ANRF-PMECRG/2025/01

Date: 17.07.2025

Advertisement for the recruitment of Junior Research Fellow (JRF)

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project funded by **Anusandhan National Research Foundation (ANRF)** for a temporary period, purely on contractual basis as per the following details.

Position	Junior Research Fellow (JRF)
Number of Vacancy	One
Project Title	Design and development of next generation high-capacity fast charging/discharging EV battery thermal management system
Department	Mechanical Engineering Department
Duration	3 Years
Essential Qualification	Essential: B.Tech/M.Tech/M.Sc in Mechanical Engineering, Thermal Engineering, Automobile Engineering, Production Engineering, Manufacturing, Engineering, Aerospace Engineering, Materials Engineering, Materials Science/ Metallurgical Engineering, physics from recognized university or equivalent with first class degree
Desired Qualification	<ul style="list-style-type: none">• Hands-on experience in heat transfer/thermal management, Ansys fluent, COMSOL Multiphysics simulation, phase change material, EV battery thermal management• Good technical writing skills.• Ability to work both independently and collaboratively
Emoluments	<p>Candidate who are selected through National Eligibility Test (GATE or CSIR UGC NET)</p> <ul style="list-style-type: none">• 37,000+HRA (1st and 2nd Year)• 42,000+HRA (3rd Year, upon successful assessment and upgradation to SRF) <p>Candidate without National Eligibility Test (GATE or CSIR UGC NET)</p> <ul style="list-style-type: none">• 30,000+HRA (1st and 2nd Year)• 33,000+HRA (3rd Year, upon successful assessment and upgradation to SRF)
Other benefits	The selected candidate will be eligible to register for a Ph.D. degree at IIITDM Kurnool as per the institute rules. However, they must apply for the Ph.D. program when the official advertisement is released.
Job Description	The selected candidate will have to work on thermal management of EV battery pack, Li-ion battery material, liquid metal cooling, phase change material, numerical simulation of EV battery using Ansys fluent or COMSOL Multiphysics simulation
Age Limit	30 Years
Age Relaxation	The upper age limit is relaxable up to 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and persons with disabilities.
Mode of Application	Google form link: https://forms.gle/5vZjXz5tpXirsN6M6 Please fill the application attached with this advertisement and upload through google form or the scanned copy of duly filled/signed application along with the necessary testimonials should be sent by Email to the Principal Investigator of this project.



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Correspondence Address of Principal Investigator	Dr. Anuj Kumar, Assistant Professor, Department of Mechanical Engineering, IIITDM Kurnool, Jagannathagattu, Kurnool, Andhra Pradesh – 518007. Email – anuj@iiitk.ac.in , Phone: +918518-289213/8961728971
Important Dates	The last date of receipt of the completed application form is 04-08-2025 . The applicants can check the institute website for the interview date to be announced later.

Instructions to the Applicants:

- 1) The post is purely **temporary** and is for the duration of **one year** and can be renewed for next year upon satisfactory performance.
- 2) Only short-listed applicants will be called for the written test/personal interview.
- 3) Applicants who do not meet the required qualification will not be called for the interview. The institute reserves the right to fix suitable criteria for short listing of eligible candidates satisfying qualification and experience.
- 4) No interim correspondence / inquiries will be entertained from the candidates in connection with the process of shortlisting.
- 5) The candidate is responsible for the correctness of the information provided in the application. If it is found later that any information given in the application is incorrect / false, the candidature / appointment is liable to be cancelled / terminated. Incomplete/partially filled application forms / application without the supporting documents will not be considered.
- 6) Applications which are not strictly as per the format given will be summarily rejected.
- 7) Canvassing in any form will disqualify the candidature of the applicant.
- 8) **No TA/DA** will be provided to attend the written test/interview.
- 9) The original testimonials will be verified at the time of interview.
- 10) The shortlisted candidates will be intimated **through email**.
- 11) Applicants are requested to look at website of IIITDM Kurnool (www.iiitk.ac.in) from time to time for information, updates etc. In case of any update the same will be published on the website only and not in newspaper.
- 12) The Institute reserves the right to modify or cancel this Advertisement/any part of this Advertisement at any stage.
- 13) Any corrigendum/clarifications on this advertisement, if necessary, shall be uploaded on website and no separate communication will be sent for this purpose.



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APPLICATION FORM

For office use only

Serial number of the applicant:

Signature of the dealing assistant

Paste here your
recent passport
size color
photograph.

Application for the post of “**Junior research Fellow (JRF)**” to work on the **Anusandhan National Research Foundation (ANRF)** sponsored research project in the Department of Mechanical Engineering, IIITDM Kurnool.

1.	Name of the Candidate	
2.	Date of Birth (Attach Proof)	
3.	Marital Status	Single/Married
4.	Gender	Male/Female/Other
5.	Nationality	
6.	Community	GEN/OBC/SC/ST (Attach the necessary proof if the category is OBC/SC/ST.)
7.	PwD	YES/NO (If YES, attach the necessary proof)
8.	Email	
9.	Phone/Mobile Number	
10.	Permanent Address	
11.	Address for Communication	



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13. Academic qualifications:

Certificate/ Degree	Specialization	Name of the Institute	Name of the Board/ University	Year of Passing	Percentage/ CGPA
SSLC (10 th)					
HSC (+2)					
B.E/B.Tech					
M.E/M.Tech					

(Attach the necessary proofs of academic qualifications)

14. Experience (Industry/ Research/ Teaching), if any:

Designation	Name of the Organization	Duration		Nature of Work
		From	To	

(Attach the necessary proofs of experience)



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15. Any Other Information:

I declare that the above given information is true to my knowledge and belief. If any discrepancy is observed, my selection may be cancelled at any stage.

Date:

Place:

Note: Attach all the supporting documents.

Candidate's signature