Department of Mechanical Engineering (MED)
THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY
(Deemed to be University), PATIALA–147004 (INDIA)

Advertisement for the Post of Junior Research Fellow (JRF)

Applications are invited from self-motivated, highly dedicated and eligible Indian nationals for the post of **Junior Research Fellow (JRF) (on contract)** in the research project titled "**Design and fabrication of a novel hydraulic/electric synergy system with multiple accumulators for medium and heavy hybrid electric vehicles**" under Dassault Systemes Foundation vide DSF Contract ID: 2024-1805 dated March 21, 2024.

O**nly pdf version** of duly completed application on prescribed format must reach to: **jay.tripathi@thapar.edu** *on* or *before* **April 21, 2024**.

Number of Position:	1 (One)
Essential Qualifications:	Post-Graduate (M.E./M.Tech.) with specialization in CAD CAM Engg/ Machine Design/ Mechatronics/Robotics/Design/Electrical/Electronics /Instrumentation and other relevant areas, with marks not below 60% and should possess basic under-graduate B.E./B.Tech. in Mechanical Engineering with marks not below 60%.
Desirable Experience:	**(i)** Good research potential in the related area in the form of demonstrative research projects/ thesis. **(ii)** Good hardware knowledge along with software knowledge such as LabVIEW / MATLAB / SolidWorks **(iii)** Good interpersonal and communication skills (both oral and written).
Fellowship:	Rs. 37,000/-
Other Benefits:	The selected candidate has the provision to register for Ph.D. program of the University, as per the prevailing University guidelines.
Age Limit:	Below 32 years on the last date of application (Relaxation for SC/ST/OBC candidate as per Government of India norms).
Tenure of Appointment:	Appointment will be made on contract basis for a period of one year.
Last date for application Submission	**April 21, 2024**
Interview Date	**Will be intimated through email**

NOTE:

(1) Candidates having excellent academic record and a keen interest in research are highly encouraged to apply.

(2) The applicant will be responsible for the authenticity of information, other documents and photograph submitted.

(3) Mere possessing the prescribed qualification does not ensure that the candidate would be called for interview. The candidates will be shortlisted on the basis of merit and need of the project.

(4) Shortlisted candidates will be informed through email only.

(5) Shortlisted candidates have to present themselves personally or online for the interview on the scheduled interview date and time, with updated CV and original and attested photo copies of marks sheets/ certificates in support of their academic qualifications.

(6) Applicants in employment (private, government or any other organization) are required to submit a "**No Objection Certificate**" from the employer at the time of interview.

(7) No TA/DA will be paid for appearing in the interview. Candidates should make their own arrangements for stay.

 (Dr. Jay Prakash Tripathi)   **(Dr. Tarun Kumar Bera)**

Assistant Professor & PI of Project, MED   **Professor & Co-PI of Project, MED**

Format for JRF Application

1) Application for the post of:

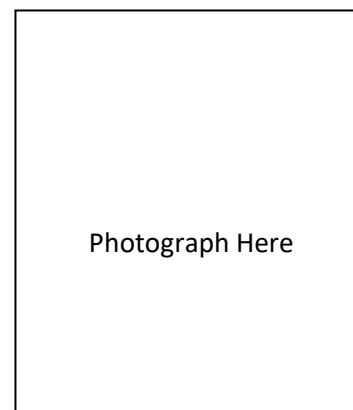**2)** Name of the Candidate in full (in capital letters):

3) Date of Birth:

4) Nationality:

5) Email Address (important to fill):

6) Mailing Postal Address:

7) Educational qualifications (starting from High school onwards)

Sl. No.	Name of Exam passed	Subjects/ Branch/ Specializations	Name of the University/ Board	Month & Year of exam passed	Marks secured	Percentage of Marks secured/ CGPA
[1]	X					
[2]	XII					
[3]	Graduation					
[4]	Post Graduation					
[5]	Any other					

8) Particulars of GATE examination (optional):

(i) Year of passing:

(ii) Discipline:

(iii) Score (percentile):

(iv) All India Rank:

(v) The number of candidates appeared:

9) Previous experience:
(Furnish details such as name of the post/fellowship, period worked, name of the organization/institution)

10) Present position:

(a) If you are studying, mention course/subject details:

(b) Details of fellowship/post:

(c) Name of the institution/ organization in which you are studying/working:

11) M.E./M.Tech. Thesis/Project title, with details of software language used:

12) Number of research papers published (only SCI):

13) Any other experimental projects handled:

Date: Signature of the Candidate