

Date: April 20, 2023

## Advertisement for the Post of Junior Research Fellow (JRF)

Applications are invited for the post of JRF to work for the DST-CRG funded research project in the Department of Mechanical Engineering at Thapar Institute of Engineering and Technology, Patiala. The details of the project and post for recruitment are given below:

### Project Details:

Title of the Project	<b>Development of Unilateral Lower-Limb Exoskeleton for Synchronous Walking Assistance during Rehabilitation</b>
Project Duration	03 Years
Name of the Principal Investigator with email and address	<b>Dr. Ashish Singla</b> Associate Professor Department of Mechanical Engineering Thapar Institute of Engineering & Technology Patiala-147004 Email: ashish.singla@thapar.edu
Co-PI details	<b>Dr. Vineet Vashista</b> Assistant Professor Department of Mechanical Engineering IIT Gandhinagar
Location	TIET Patiala

### Details of the Post:

Name of Post:	Junior Research Fellow (JRF)
Number of Posts:	One (01)
Monthly Emolument:	(a) 37,000/- + 8% HRA (for the first two years) and 42,000/- + 8% HRA (for the third year) for GATE qualified candidates  (b) 28000/- + 8% HRA for others
Eligibility Criteria:	<b>Essential Qualifications:</b> B.E/B.Tech.in Mechanical Engineering/ Robotics/ Mechatronics/ Automation/Applied Mechanics/ Aerospace Engineering or other relevant areas with at least 70% marks in the aggregate or equivalent C.G.P.A. in the qualifying degree with a valid GATE score.  <b>Desirable Qualifications</b> (i) Post-Graduate (M.E./M.Tech.) with specialization in Robotics/CAD-CAM Engg/ Mechatronics/Machine Design/Biomedical Engg./Electronics/ Instrumentation and other relevant areas, with marks not below 70% in the aggregate or equivalent C.G.P.A. in the qualifying degree. (ii) Good research potential in the related area in the form of demonstrative

	<p>research projects/ thesis.</p> <p>(iii) Good hardware knowledge along with languages such as LabVIEW/ MATLAB/ ROS/ Python</p> <p>(iv) Excellent communication skills (both oral and written).</p>
<b>Age Limit:</b>	Below 28 years on the last date of application (Relaxation for SC/ST/OBC candidate as per Government of India norms).
<b>Tenure of Appointment:</b>	Appointment will be made on contract basis for a period of three years

**Other Details:**

How to apply	The candidates are requested to mail the soft copy of the filled-up application form (Annexure-I) to “ashish.singla@thapar.edu” with the subject of the email marked as “ <b>Application for JRF under SERB-DST</b> ” on or before <b>June 15, 2024</b> .
Call for interview	Shortlisted candidates will be intimated through e-mail for an interview. Candidates are advised to check their emails regularly.
Benefits	The selected candidate can register for the full-time PhD program in the Department of Mechanical Engg., TIET, Patiala, as per the rules and regulations of the institute.
Institute right	Institute reserves the right to cancel the recruitment without assigning any reason.
Other conditions	<ol style="list-style-type: none"> <li>1. Only candidates having excellent academic record and a keen interest in research are highly encouraged to apply.</li> <li>2. The applicant will be responsible for the authenticity of information, other documents and photograph submitted.</li> <li>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.</li> <li>4. Applicants in employment (private, government or any other organization) are required to submit a “<b>No Objection Certificate</b>” from the employer at the time of interview.</li> <li>5. Complete information with regard to GATE score such as: year of passing, discipline, score, marks, All India Rank and the number of candidates appeared should be mentioned in the CV. Incomplete applications will be rejected.</li> <li>6. No TA/DA will be paid for joining the post. All terms and conditions for this recruitment will be as per the guidelines of the sponsoring agency.</li> </ol>

For any further information/clarifications, the applicants may contact PI by email.

**Dr. Ashish Singla**

(Principal Investigator)

Associate Professor,

Department of Mechanical Engineering

TIET, Patiala

Email: ashish.singla@thapar.edu

## Annexure-I (Application Form)

### THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY, PATIALA (Declared as Deemed-to-be University u/s 3 of UGC Act)

- 1) Application for the post of:
- 2) Name of the Candidate in full (in capital letters):
- 3) Date of Birth:
- 4) Age as on June 15, 2024:
- 5) Contact Information:
  - Postal Address:
  - Email:
  - Mobile Number:

Insert Your Recent  
Photograph Here

- 6) Nationality:
- 7) Marital Status:
- 8) Educational Qualification

Sr. No	Name of Exam passed	Subjects/ Branch/ Specializations	Name of the University/ Board	Month & Year of exam passed	Percentage of Marks secured/ CGPA
1	Matriculation				
2	Higher Secondary				
3	B. E./B. Tech				
4	M.E./M.Tech				
5	Other				

- 9) Particulars of GATE examination:
  - 1) Year of passing:
  - 2) Discipline:
  - 3) Score (percentile):

4) All India Rank:

5) The number of candidates appeared:

10) Previous experience:

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

11) 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:

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

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

14) Give contact details of two referees who are familiar with the candidate's work:

15) Any other relevant information which the candidate wishes to furnish:

### **Declaration**

I declare that the above information is true and correct to the best of my knowledge and belief.

Date:

Place:

Signature of the applicant