

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 entitled “**Design Development of 6-Axis Robotic Arm for 3D Printing of Buildings with Appropriate Concrete Mixes**” under Dassault Systemes Foundation vide DSF Contract ID: 2021-78 dated December 15, 2021.

Only pdf version of duly completed application on prescribed format must reach to: tkbera@thapar.edu on or before **January 31, 2022**.

Number of Position:	1 (One)
Essential Qualifications:	(i) 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 70% and should possess basic under-graduate B.E./B.Tech. in Mechanical Engineering with marks not below 70%. (ii) Two years of research experience.
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 NOTE: Please do not apply if you are not well-versed, proficient and comfortable with the computational programming languages. (iii) Excellent interpersonal and communication skills (both oral and written).
Fellowship:	Rs. 31,000/- plus 10% HRA
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 28 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	January 31, 2022
Interview Date	Will be intimated through email

NOTE:

- (1) Only 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. Tarun Kumar Bera)

(Dr. Naveen Kwatra)

(Dr. Shweta Goyal)

Professor & PI of Project, MED

Professor & Co-PI of Project, CED

Professor & Co-PI of Project, CED

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)

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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