

**DEPARTMENT OF MECHANICAL ENGINEERING**

**THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY, PATIALA-147004**

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Dated: August 01, 2023

**Advertisement for the Post of Junior Research Fellow (JRF) For Aeronautics R&D Board (AR&DB), DRDO, Ministry of Defence Sponsored Research Project**

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

**Project Details:**

Title of the Project	<b>Modeling and Analysis of Cracked Porous FG and FG Sandwich Aircraft Panels using XIGA</b>
Project Duration	03 Years
Name of the PI with email and address	Dr. Gagandeep Bhardwaj, Assistant Professor Mechanical Engineering Department Thapar Institute of Engineering & Technology Patiala-147004 Email: <a href="mailto:gagandeep.med@thapar.edu">gagandeep.med@thapar.edu</a>
Name of the Co-PI with email and address	Dr. Neeraj Grover, Associate Professor Mechanical Engineering Department Thapar Institute of Engineering & Technology Patiala-147004 Email: <a href="mailto:neeraj.grover@thapar.edu">neeraj.grover@thapar.edu</a>

**Details of the Post:**

Name of Post:	Junior Research Fellow (JRF)
Number of Posts:	One (01)
Monthly Emolument:	Rs. 31,000/- + 9% HRA (for First Two years) and Rs. 35,000/- 9% HRA (for Third year)
Eligibility Criteria:	<b>Essential:</b> B.E/B.Tech.in Mechanical Engineering/Applied Mechanics/Aerospace Engineering or equivalent degree at least 60% marks in the aggregate or equivalent C.G.P.A in the qualifying degree. M.E/ M.Tech. in Mechanical/Applied Mechanics/Aerospace Engineering/Design/CAD/CAM or equivalent with at least 60% marks in the aggregate or equivalent C.G.P.A in the qualifying degree. <b>Desirable:</b> The candidate must have good knowledge of <b>mathematical software computer programming language, finite element analysis, and MATLAB.</b>

**Other Details:**

How to apply	The candidates are requested to mail the soft copy of filled up application form (Annexure-I) to “gagandeep.med@thapar.edu” with subject of email marked as “ <b>Application for JRF under ARDB</b> ” on or before <b>August 11, 2023</b> .
Other conditions	No TA/DA will be paid for appearing in the interview and/or joining the post. All terms and conditions for this recruitment will be as per the guidelines of the sponsoring agency and TIET, Patiala.
Call for interview	Shortlisted candidates will be intimated through e-mail for interview. Candidates are advised to check their emails regularly.
Benefits	The selected candidate can register for full time Ph.D. program in the Mechanical Engineering Department, TIET, Patiala as per rules and regulations of the institute.
Institute right	The Institute reserves the right to cancel the recruitment without assigning any reason.

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

Dr. Gagandeep Bhardwaj Assistant Professor, PI Mechanical Engineering Department Thapar Institute of Engineering & Technology Patiala-147004 Email: <a href="mailto:gagandeep.med@thapar.edu">gagandeep.med@thapar.edu</a>	Dr. Neeraj Grover, Associate Professor Co-PI Mechanical Engineering Department Thapar Institute of Engineering & Technology Patiala-147004 Email: <a href="mailto:neeraj.grover@thapar.edu">neeraj.grover@thapar.edu</a>
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**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 July 20<sup>th</sup>, 2023:
- 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				

- 8) Particulars of GATE examination:
  - (i) Year of passing:
  - (ii) Discipline:
  - (iii) Score (percentile):
  - (iv) All India Rank:
  - (v) The number of candidates appeared:

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

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

11) M.E. Thesis details:

**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