



સરદાર વલ્લભભાઈ રાષ્ટ્રીય પ્રૌદ્યોગિકી સંસ્થાન, સુરત
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
 સરદાર વલ્લભભાઈ રાષ્ટ્રીય પ્રૌદ્યોગિકી સંસ્થા, સુરત
Department of Mechanical Engineering

SVNIT

Advertisement No DoME/1554 dated 11/08/2025 (approved by Dean R & C and Director, SVNIT on 06/08 /2025)

Applications are invited from highly motivated and bright candidates for one position of **Junior Research Fellow (JRF)** in the following research project funded by **Aeronautics Research and Development Board (AR&DB), DRDO**, Government of India, New Delhi, at the Department of Mechanical Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat. The post is purely temporary. **The selected candidate may have the opportunity to register in the Ph.D. program at DoME, SVNIT Surat as per institute norms.**

Title of the Project	Design and predict applicability of aluminium-based high entropy alloy foams and sandwich structures for leading edge and fuselage aerospace applications
Principal Investigator	Dr. Neeraj Srivastava, Assistant Professor, DoME, SVNIT, Surat. [Mobile: 9696350479]
Duration of Project:	One Year + Extended up to one more year
Name of the Post	Junior Research Fellowship (JRF)
No. of Post	01
Eligibility of JRF and Fellowship	<ul style="list-style-type: none"> ● Essential Qualification: Candidates must have a M-Tech/ME in Metallurgy/Materials Science and Engineering/Mechanical Engineering/Mechanical Design Engineering/Manufacturing/Production Engineering or Allied branches with B.E./B.Tech. in Mechanical, Production, Aerospace, Metallurgy or allied branches. ● Qualified GATE/NET is mandatory. Monthly Emoluments (Rs.): Rs. 37,000/- pm + HRA (16%)
Desirable	Experience Related to Manufacturing Metallurgy, Solidification Processing, Microstructural and Mechanical characterizations
Terms and conditions	will be followed as per DST guidelines and Institute (SVNIT) norms.
Interview and venue	Only shortlisted candidates will be informed by email about the interview. The interview of shortlisted candidates will be conducted through hybrid mode (online/offline as per convenience of candidate) after the last date of receiving the applications.
Important Dates	<ul style="list-style-type: none"> ● Last Date to Apply (Online document): 31 August 2025, 11:59 PM. ● Tentative date of interview: 12th September (Hybrid mode) (Exact schedule will be communicated through email / institute website).
How to Apply	<ul style="list-style-type: none"> ● The interested candidates will be required to send scanned copy of all their original certificates, mark sheets and a recent passport size photograph along with the application and detailed CV to the e-mail: neeraj.s@med.svnit.ac.in within the last date i.e., 31st August, 2025. ● Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be attached with the application form. ● Candidates are requested to positively mention their e-mail ID and Mobile Number in the Application failing which their candidature may be rejected. ● The decision of SVNIT-Surat in all matters relating to eligibility, acceptance, screening, mode of selection will be final and binding on the candidates and no enquiry correspondence will be entertained in this connection from any individual or any agency on behalf of the candidate. ● The original documents of selected candidates will be verified at the time of joining, and in the event of any information mentioned in application/CV/testimonials found false or incorrect, their candidature straightway shall be cancelled.

DIRECTOR

*This position is purely temporary and is available initially for one year and extended to one more years subject to the performance, and availability of fund.



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Annexure-A
APPLICATION FOR THE POST OF JRF

Personal Details							
Name							
Date of Birth (DD/MM/YY)				Age as on 31.08.2025			
Gender (Male/Female)				Marital Status			
Category (Gen/SC/ST/OBC)				Nationality			
Mailing address				Permanent Address			
Mobile/phone number							
Email							
Education Details (Scanned copy of mark sheets and certificate must be attached)							
S. No.	Degree	Discipline	Univ./ College	Regular/ Part time	Year of Passing	% of Marks/ CGPA/	Division
1	10 th						
2	12 th /						
3	B.E/ B. Tech.						
4	M.E./ M.Tech.						
5	Ph.D.						
Qualifying Examinations (Scanned copy of score card must be attached if qualified)							
Examination	Branch	Year	Valid Up to	Percentile	All India Rank		
GATE							
Professional Experience (Research/Industrial/Teaching/Others)							
Name of Organization	Designation	Duration		Nature of work (attach separate sheet if necessary)			
		From	To				

Research Details: Annexure-B

Any Other Relevant Information:

DECLARATION

- I hereby declare that I have carefully read the instructions and particulars and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the institute.
- I note that the decision of the institute is final in regard to selection for admission and assignment to a particular department and field of study. The institute will have the right to expel me from the institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the institute is not desirable. I agree that I shall abide by the decision of the institute, which will be final.

Place:

Signature of the applicant



Date:

Annexure-B
Research Details

Research Publications:

1. No. of papers in peer reviewed journals which are indexed in SCI/SCIE:
 - a. <Mention detail here>
 - b.
2. No. of papers presented/published in International conferences:
 - a. <Mention detail here>
 - b.
3. Details of Granted patents:
 - a. <Mention detail here>
 - b.
4. No. of books/ book chapters published:
 - a. <Mention detail here>
 - b.
5. Awards/Recognitions:
 - a. <Mention detail here>
 - b.