



**Sardar Vallabhbhai National Institute of Technology,
Surat - 395007, Gujarat
Department of Mechanical Engineering**

No. SVNIT/DoME/NAB/1066

Date: 27/06/2024

Recruitment- Junior Research Fellowship (JRF)/ Project Associate (PA) - I (01 post)

The eligible candidates meeting the following requirements and desiring to be considered for the above mentioned post on purely contract basis for research project entitled "Investigation on Explosion Dynamics of Hydrogen-Rich Fuels with A Parametric Variation of Fuel Components and Obstacles" funded by the Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India, at the Institute are hereby informed to submit the application with the required details for the offline Interview/test. The Interview/test schedule and the list of shortlisted candidates will be displayed on the Institute website, after the last date of receiving the applications. The selected candidate may get the chance to enroll for Ph.D. program under the project staff category, if interested, however, he/she needs to apply for Ph.D. position separately when the corresponding advertisement is open.

For any further information, please contact **Dr. Nikhil A. Baraiya, Assistant Professor, Department of Mechanical Engineering, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat, 395007 (Email: nikhil@med.svnit.ac.in)**

Eligibility & experience:

Eligibility	JRF	<p>Essential Qualification: Graduate/ Post Graduate Degree in Mechanical, Aeronautical, Chemical Engineering or relevant discipline in professional course selected through a process described through any one of the following:</p> <p>a. Scholars who are selected through GATE.</p> <p>b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc.</p> <p>Monthly Emoluments (Rs.): Rs. 37,000/- pm + HRA (16%) [as per the revised SERB-JRF/SRF norms]</p>
	PA - I	<p>Essential Qualification: Bachelor's degree in Engineering or Technology in Mechanical, Aeronautical, Chemical Engineering or relevant discipline from recognized university or equivalent.</p> <p>Monthly Emoluments (Rs.): (i) 31,000/- + HRA (16%) to Scholars who are selected through (a) GATE or (b) A selection process through National level examinations conducted by Central Governments Departments and their agencies and institutions. (ii) 25,000/- + HRA (16%) for others who do not fall under (i) above.</p>

- Preference will be given to GATE qualified candidate with experience in the field of above mentioned project title will be given preference.
- Relaxation will be given to SC/ST/OBC candidates as per the Govt. of India guidelines.

Tenure: One Year + Extended up to project end (one more year).

Important dates:

Last date to apply: 18th July 2024

Display of eligible candidates list on Institute website: 23rd July 2024

Tentative date of interview/test: Fourth or Fifth week of July (Online mode) (Exact schedule will be communicated through email / institute website)

Link for submission of application form: <https://forms.gle/iwSFkRe5JUdFVoc2A>

The interested candidates will be required to note the following:

- The interested candidates will be required to submit their application form along with all essential details and scanned copy of required documents through the above mentioned link within the last date. Candidate need to bring the complete hardcopy set of the application form with xerox copies of all required documents on the day of interview. Candidate also need to bring corresponding original documents on the day of interview for verification purpose.
- Candidates need to positively mention their correct e-mail ID and Mobile Number in the application form failing which their candidature may be rejected.
- The applications received within the last date & stipulated time will be screened by a selection committee, and a list of eligible candidates shortlisted for interview/test will be displayed on the Institute website along with the schedule of the interview/test. The screening committee will devise its own criteria for shortlisting of candidates for interview/test. Merely fulfilling main eligibility criteria may not be sufficient to be invited for the interview/test.
- 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 interview, and in the event of any information mentioned in the application form found false or incorrect, their candidature straightway shall be cancelled.
- No TA/DA will be paid for attending the interview/test.

3-11-24
DIRECTOR



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदार વલ્લભભાઈ રાષ્ટ્રીય પ્રૌદ્યોગિકી સંસ્થા, સુરત
Department of Mechanical Engineering

SVNIT

SVNIT/DOME/NAB/1066

Advertisement No. dated / /2024 (approved by Dean R & C and Director, SVNIT on 06/07/24)

Applications are invited from highly motivated and bright candidates for one position of Junior Research Fellow (JRF)/ Project Associate (PA) – I, in the following research project funded by Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India, at Department of Mechanical Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat.

Title of the Project		Investigation on Explosion Dynamics of Hydrogen-Rich Fuels with A Parametric Variation of Fuel Components and Obstacles
Principal Investigator		Dr. Nikhil A. Baraiya, Assistant Professor, DoME, SVNIT, Surat.
Duration of Project:		One Year + Extended up to project end (one more year).
Name of the Post		Junior Research Fellow (JRF)/ Project Associate (PA) - I
No. of Post		01
Eligibility	JRF	<p>Essential Qualification: Graduate/ Post Graduate Degree in Mechanical, Aeronautical, Chemical Engineering or relevant discipline in professional course selected through a process described through any one of the following:</p> <p>a. Scholars who are selected through GATE.</p> <p>b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc.</p> <p>Monthly Emoluments (Rs.): Rs. 37,000/- pm + HRA (16%) [as per the revised SERB-JRF/SRF norms]</p>
	PA - I	<p>Essential Qualification: Bachelor's degree in Engineering or Technology in Mechanical, Aeronautical, Chemical Engineering or relevant discipline from recognized university or equivalent.</p> <p>Monthly Emoluments (Rs.): (i) 31,000/- + HRA (16%) to Scholars who are selected through (a) GATE or (b) A selection process through National level examinations conducted by Central Governments Departments and their agencies and institutions. (ii) 25,000/- + HRA (16%) for others who do not fall under (i) above.</p>
Desirable		Experience Related to Combustion
Age Limit		Not more than 35 years as on 18/07/2024
Terms and conditions		will be followed as per SERB guidelines and Institute (SVNIT) norms.
Interview and venue		Only shortlisted candidates will be informed by email about the interview. The interview will be conducted in online mode
Important Dates		<ul style="list-style-type: none"> Last Date to Apply (Online document): 18 July 2024, 05:00 PM. Tentative date of interview/ test: Fourth or Fifth week of July (Online mode) (Exact schedule will be communicated through email / institute website).
How to Apply		<p>Interested candidates can submit their applications online by scanning QR code given below or by using this link https://forms.gle/iwSFkRe5JUdFVoc2A on or before 18/07/2024, 05:00 PM.</p> <p>Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be attached with the application form.</p>

Nikhil A. Baraiya
27-06-2024

(Dr. Nikhil A. Baraiya)
PI of the Project, DoME, SVNIT



Scan QR

અનુપમ શર્મા
06/07/24

Director

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

Application form for the post of Junior Research Fellow (JRF)/ Project Associate - I - (01 post)

Application for the post of Junior Research Fellow (JRF)/ Project Associate - I at Department of Mechanical Engineering, SVNIT, Surat, Gujarat

Title of project: “Investigation on Explosion Dynamics of Hydrogen-Rich Fuels with A Parametric Variation of Fuel Components and Obstacles”

For office use only:

Serial Number:

Eligible for Interview: YES/NO Checked the Certificates:

Paste self-attested
recent photograph

1. Name of the candidate:

2. Gender:

3. Address:

4. Date of birth:

5. Category (General/SC/ST/OBC):

6. Email ID:

7. Mobile No:

8. Educational qualifications:

Examination Passed	Board/University	Subject	Year	Percentage/ CGPA	Division/ Class
M.E./M.Tech.					
B.Tech.					
12 th /Diploma					
Other					

9. B. Tech project details:

10. M. Tech project details:

Title:

Institute/ University:

Name of the Supervisor:

11. Professional experience:

Organization	Post held	From	To	Pay Drawn	Nature of Duties

12. NET/GATE/ NBHM Examination passed:

Exam passed	Subject	Qualifying Date	Score/Category	Valid upto	Any other details

13. Publications (If any) (add extra sheet if required):

14. Experience relevant to the field of project (as per title of the project):

15. Why do you feel that you are the best candidate for this position?

16. Do you have interest in joining Ph.D. program? (Yes/No):

17. Additional information if any, which you would like to mention in support of your suitability for the post, (attach separate sheet if necessary)

18. Recommendation (Optional): *(Provide complete details like name, address, email ID and contact number)*

Declaration:

I have provided correct information as above and I understand that, if found incorrect, I may be disqualified for the position.

Date:

Place:

(Signature of the applicant)

Note:

Candidate need to submit their application form along with all essential details and scanned copy of required documents through the following link within the last date. Candidate need to bring the complete hardcopy set of the application form with xerox copies of all required documents on the day of interview/test.

Link for submission of application form: <https://forms.gle/iwSFkRe5JUdFVoc2A>

For any queries regarding the position, please email Dr.Nikhil A. Baraiya at nikhil@med.svnit.ac.in. Interested candidates can submit their applications online by scanning QR code given below or by using this link <https://forms.gle/iwSFkRe5JUdFVoc2A> on or before 18/07/2024, 05:00 PM.

Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be attached with the application form.