

# Maulana Azad National Institute of Technology-Bhopal

## Energy Centre

### Advertisement for the Post of Junior Research Fellow (JRF) under CRG Scheme funded by SERB-DST, Govt. of India

Applications are invited from Indian nationals for the post of **Junior Research Fellow (JRF)** to work in research project entitled "**Green Hydrogen production employing waste biomass**" sanction order no. CRG/2023/007619 dated 03 May 2024 from CRG Scheme funded by **Science and Engineering Research (SERB), DST, Govt. of India** under the supervision of **Dr. Gaurav Dwivedi (PI), Asst. Prof. Energy Centre, MANIT Bhopal** and **Dr. T N Verma (Co-PI), Associate Prof. Mechanical Engg., MANIT Bhopal**

Details of the position:

Name of Position	Junior Research Fellow (JRF)
Essential Qualification	First class with not less than 60% aggregate / 6.5 CGPA (on a 10-point scale) in B. Tech./B.E. in Chemical Engineering / Energy Engineering/ Mechanical Engineering/ Materials Science/ Metallurgical Engineering/Electrical Engineering/Biotechnology and allied disciplines and First class with not less than 60% aggregate / 6.5 CGPA (on a 10 point scale) in M.Tech in relevant disciplines. or B. Tech/B.E. in Chemical Engineering/Metallurgy/Materials science/Electrical Engineering/Mechanical Engineering/Energy Engineering/Biotechnology and allied disciplines with at least a CGPA of 7.5/10 or 70% of marks or First class with not less than 60% aggregate / 6.5 CGPA (on a 10-point scale) M.Sc. Chemistry/Biotechnology/Agriculture and allied disciplines
Age Limit	30 years
Age Relaxation	Upper age is relaxable up to 5 years for SC/ST/OBC/Women and Physically handicapped candidates.
Desirable	NET/Gate Qualification
Project area	Hydrogen Energy, Fuel Cell, Dark Fermentation, Biomass, Bioenergy
Duration of Project	3 Years
No. of Positions	01
Emoluments	37000/- (Thirty-Seven Thousand Only) per month + 16% HRA
Nature of Appointment	Initially for 01 year, further extendable based on satisfactory work performance
Last Date	21 <sup>st</sup> June 2024



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Selection Procedure	The selection process will be based on the basis of interview Offline/Online through web-based video conference over internet on 28 <sup>th</sup> June 2024. The appointment will be purely on contract basis, the post has been created for the execution of the research project and selected candidates shall not be an employee and should not have any claim of any benefit on that account.
Interview	<b>28<sup>th</sup> June 2024</b>
Mode of Interview	Offline/Online through web-based video conference over internet.
Other Benefits	The selected candidates are eligible to register for PhD degree at MANIT Bhopal as per the Institute norms.
Terms and Conditions	<ul style="list-style-type: none"><li>• The candidates should fill the application form in the prescribed format available on the institute website (<a href="http://www.manit.ac.in">www.manit.ac.in</a>). Advance copy of application form along with resume and attested photocopies of the relevant certificates/documents from the 10th standard onwards must be emailed to <a href="mailto:gauravdwivedi@manit.ac.in">gauravdwivedi@manit.ac.in</a>.</li><li>• For more details, please contact Project Investigator: Dr. Gaurav Dwivedi on Email: <a href="mailto:gauravdwivedi@manit.ac.in">gauravdwivedi@manit.ac.in</a> or <b>mobile: 9872193532</b></li><li>• Candidates appearing in-person should bring the print out of application form with original and self-attested copies of all supporting documents at the time of interview.</li><li>• <b>No TA/DA will be paid for their appearing in the interview.</b></li><li>• Candidates will be informed by email about the written/interview date. So, candidate must provide valid-email ids in their applications.</li><li>• The applicant will be responsible for the authenticity of information other documents and photographs submitted.</li><li>• The institute reserves the right to accept application at any time and consider candidates of exceptional credentials without applications. Qualification and experience may be relaxed by the institute at any point of time for otherwise exceptional candidates.</li><li>• Mere, possessing the prescribed qualification does not ensure that the candidate would be called for interview.</li></ul>

**Dr. Gaurav Dwivedi**  
PI & Asst. Prof.  
Energy Centre, MANIT Bhopal

**Dr. T N Verma**  
Co-PI & Associate Prof.  
Mechanical Engg. Dept.  
MANIT Bhopal





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Bhopal-462003, Madhya Pradesh**

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**9. Educational qualifications:**

<b>Examination Passed</b>	<b>Board/University</b>	<b>Subject</b>	<b>Year</b>	<b>Percentage/ CGPA</b>	<b>Division/ Class</b>
10 <sup>th</sup>					
12 <sup>th</sup> /Diploma					
B.E./ B.Tech./B.Sc.					
M.E./ M.Tech./M.Sc.					

<b>10.</b>	<b>M.E./ M.Tech./ M.Sc. Project Title &amp; Details (upto 200 words):</b>	
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**11. Professional Experience (if any):**

Organization	Post Held	From	To	Pay Drawn	Nature of Duties

12.	<b>Publications (if any):</b>	
13.	<b>Why do you feel that you are the best candidate for this position?</b>	
14.	<b>GATE/NET details (if any):</b>	

**List of Essential Documents (to be attached with the application form):**

1. Proof of Date of Birth
2. Id Proof (Aadhar/PAN Card/Student Id/ any other identity card issued by Govt. of India)
3. 10<sup>th</sup> Class Marksheet
4. 12<sup>th</sup> Class Marksheet
5. Graduation (B.E./ B.Tech./B.Sc.) Marksheets (All semesters)
6. Post Graduation (M.E./ M.Tech./M.Sc.) Marksheets (All semesters)



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7. GATE score card / NET qualified certificate & score card, if applicable.
8. EWS/OBC/SC/ST/PWD Certificate, If applicable
9. Experience Certificate, if applicable.
10. Publication details, if applicable.
11. Experience Certificate if applicable.
12. Any other relevant document.

**Note:** The candidates should fill the application form in the prescribed format. Advance copy of application form along with resume and attested photocopies of the relevant certificates/documents from the 10th standard onwards must be emailed to **Dr. Gaurav Dwivedi (PI), Asst. Prof. Energy Centre) MANIT Bhopal**, on or before **21<sup>st</sup> June 2024**, Email Address: [gauravdwivedi@manit.ac.in](mailto:gauravdwivedi@manit.ac.in) with the subject as Application for the post of Junior Research Fellow (JRF) in the project “**Green Hydrogen production employing waste biomass**”.

**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 Applicant)**