



**VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF PHYSICS**  
South Ambazari Road-440010, Maharashtra

**Requirement of JRF in the Department of Physics**

Applications are invited from interested and motivated candidates for the post of Junior Research fellow (JRF) in a time-bound research project (CSIR-ASPIRE project sanctioned by **CSIR-HRDG** (03WS(006)/2023-24/EMR-II/ASPIRE) for a temporary period, purely on contractual basis as per the following details.

<b>Position</b>	Junior Research Fellow (JRF)
<b>No. of vacancy</b>	01
<b>Project title</b>	<b>Modelling and simulation of plasma-catalytic processes for energy and environmental applications</b>
<b>Department</b>	Physics
<b>Project tenure</b>	03 years
<b>Job description</b>	a) Carry out work on the research project with title as mentioned above; b) Keep and maintain the record of the work in presentable form (soft as well as hard copy); c) Keep a track of contingencies/consumables required for the work; d) To carry out the detailed literature survey, writing research papers and technical reports; e) The selected candidate will have to abide by the rules, regulations, ordinances, statutes, and acts of the institute applicable from time to time.
<b>Essential qualification</b>	M.Sc. in <b>Physics</b> from recognized universities/institutes with 55% marks and passing of NET-LS/GATE/ CSIR-UGC JRF examination.
<b>Age limit</b>	The upper age limit for JRF shall be 28 years as on the day on which the application is made.
<b>Age relaxation</b>	The upper age limit is relaxable up to 5 years in case of candidates belonging to <b>scheduled castes/tribes/OBC, women and physically handicapped candidates.</b>
<b>Fellowship</b>	Rs. 37,000/- p.m. for first 2 years Rs. 42,000/ p.m. for 3 <sup>rd</sup> year
<b>Duration</b>	<b>The assignment is purely temporary in nature and shall be co-terminus with the duration and requirement of the project. Initial appointment is for the period of six months, which can be extended up to 03 years solely based on satisfactory performance.</b>
<b>Desired qualification</b>	The candidate from relevant background will be preferred.
<b>Ph.D. Opportunity</b>	<b>The selected JRF candidate will have the opportunity to register for a regular PhD program provided the candidate satisfies the eligibility criterion for the PhD program in Department of Physics. Candidates interested to extend their JRF to the Ph.D. program as per VNIT rules will be preferred.</b> ( <a href="https://vnit.ac.in/section/academics/admission/">https://vnit.ac.in/section/academics/admission/</a> )

<b>Mode of application</b>	Interested candidates are requested to apply in the prescribed format (available online at VNIT website) by <b>March 21<sup>st</sup>, 2025</b> . The duly filled application form along with all the enclosures (detailed curriculum vitae with information about educational qualifications, research experience and publications (if any), degree certificates, GATE/NET scorecard and other relevant documents) <b>must be sent as a single PDF file</b> to the principal investigator at following email id: <a href="mailto:poorvasingh@phy.vnit.ac.in">poorvasingh@phy.vnit.ac.in</a> . Please mention “ <b>Application for the Post of JRF in Physics Department under CSIR-HRDG-ASPIRE</b> ” in the subject line of email. Provide complete information with regard to all essential eligibility conditions, incomplete applications will be rejected.
<b>Contact</b>	<b>Dr. Poorva Singh</b> Department of Physics, Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur-440010. Email: <a href="mailto:poorvasingh@phy.vnit.ac.in">poorvasingh@phy.vnit.ac.in</a> Phone: 07122801836 Homepage: <a href="https://vnit.ac.in/basic_science/phy/dr-poorva-singh/">https://vnit.ac.in/basic_science/phy/dr-poorva-singh/</a>
<b>Important notes</b>	Mere fulfilment of qualifications/experience requirements does not entitle a candidate to be called for the interview. Candidates will be shortlisted based on their academic performance/professional/research experience, only short-listed candidates will be intimated by email and will have to appear for a written test and/or interview on the date as communicated through email. Candidates can send request for conducting interview in the online mode, providing due reasoning, based on which decision will be made and duly informed to the candidate. <b>No correspondence whatsoever will be entertained from candidates regarding reasons for not being called for interview, conduct and result of interview. No TA/DA will be paid for appearing in the interview.</b> The decision of the <b>Director, VNIT Nagpur</b> will be final in all respect. Original documents of Photo ID/age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of interview.

Dr. Poorva Singh

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