



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भुवनेश्वर

परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वयं शासित संस्थान

NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHUBANESWAR

(An autonomous research institution under Department of Atomic Energy, Govt. of India)

Jatni, Khurda, Odisha - 752050

(School of Biological Sciences)

NISER / SBS / ADVT / JRF / 2025-26 / 08

DT.01 / 05 / 2025

Advertisement for Junior Research Fellow

Applications from Indian Citizens are invited for Junior Research Fellow (JRF) positions under the project RIN4002-SBS-Basic Research in the Schools of Biological Sciences, NISER, Bhubaneswar, funded by the Department of Atomic Energy, Government of India.

ESSENTIAL QUALIFICATIONS: M.Sc. degree in the relevant area of Life Sciences with at least 55% or equivalent GPA*. Candidates should have qualified in at least one National Level Examination, i.e. CSIR-UGC-NET/GATE/DBT-BET, valid for the current year.

** Candidates with a GPA in a qualifying degree may need to produce the conversion note (in case it is not mentioned in their mark sheet) from their institution towards the percentage calculation.*

RESEARCH AREA: Deciphering the role of mycobacterial membrane vesicles in host membrane modulation.

DESIRABLE: The ideal candidate with hands-on experience with relevant bench work, demonstrating a strong foundation in experimental research are desirable. Proficiency in confocal microscopy and fluorescence spectroscopy will be preferred, as these techniques are integral to analysing and visualising molecular interactions. Prior experience in host-pathogen interactions will also be considered.

LABORATORY DESCRIPTION: The biophysical and biochemical investigation of the mechanism of membrane deformation by interaction/assembly of various interacting proteins and pathogenic carriers will be addressed via an inter-disciplinary approach involving experimental tools and concepts from Microbiology, Biophysics and Cell Biology.

FELLOWSHIP: As per existing Department of Atomic Energy (DAE) rules, the Government of India is coterminous with the project. The fellowship amount is ₹37,000/- per month, and HRA will be paid if accommodation is unavailable on campus, and the Contingency grant will be spent as per the rules.

HOW TO APPLY: Candidates should send in their applications titled "Application for Junior Research Fellow" to reach Dr. Mohammed Saleem at saleem@niser.ac.in with a copy to cpsbs@niser.ac.in at the earliest. The applications should have the following documents:

1. A cover letter that mentions the specific research area and the reason for your interest in joining the research group.
2. A detailed academic CV, list of publications, relevant experience certificate(s), if any, and names of two academic referees. No recommendation letters are needed at this stage.
3. A duly filled-in application form is given on pages 2-3 of this advertisement, along with copies of all the Educational Certificates.

The candidates who are short-listed based on their CV, research statement, and letters of reference could be interviewed either in person or through video-conferencing before the final selection is made. The position is available and will be filled immediately as and when we find suitable candidates. The last date of the application is 23th May 2025.

Please contact Dr. Mohammed Saleem using the email ID saleem@niser.ac.in for clarification.

No TA/DA will be paid to the candidate for appearing in the interview or joining the position.



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विज्ञापन संख्या : **NISER / SBS / ADVT / JRF / 2025-26 / 02**

भर्ती के लिए आवेदन पत्र

Application for recruitment to the post of **Junior Research**

*Paste your recent
colour passport
photograph*

1. पोस्ट कोड और पोस्ट का नाम | Post Code & Post Name : _____

2. पूरा नाम (स्पष्ट अक्षरों में) | Full Name (In Block Letters):

3. पिता / पति का नाम | Father's / Husband's Name: _____

4. जन्मतिथि | Date of Birth : _____

5. राष्ट्रियता | Nationality : _____

6. पत्राचार के लिए डाक का पता : _____

Postal Address for Correspondence

7. स्थाई पता | Permanent Address : _____

8. (a) कॉन्टैक्ट नं | Contact No. : _____

(b) ई-मेल | E-mail : _____

9. आधार और पैन कार्ड नंबर | Aadhar & PAN No. : _____

10. क्या अ.जा./ अ.ज.जा./अ.पि.व./ शा.वि. में आते हैं? : _____

Whether belongs to SC/ST/OBC/PWD

(जाति प्रमाण-पत्र का नकल संलग्न किया जावे | Copy of Caste Certificate to be enclosed)

11. शैक्षणिक योग्यताएँ (स्नातक से) | Educational Qualifications (Starting from Graduation):

परीक्षा का नाम Name of the Examination	बोर्ड/ विश्वविद्यालय/ संस्थान Board/ Univ./ Institute	उत्तीर्ण करने का वर्ष Year of Passing	विषय Subjects	अंको का प्रतिशत Percentage of Marks

12. अनुभव, यदि कोई हो | Experience, if any:

संगठन/ नियोक्ताका नाम Name of Organisation/ Employer	सेवा अवधि वर्ष तथा माह Period of Service in Year & Months	पदनाम Designation	वेतनमान तथा मूल/ सकल वेतन Scale of Pay & Basic/ Gross Emoluments	कार्य की प्रकृति Nature of duties

मैं सत्यनिष्ठा से पुष्ट करता / करती हूँ कि उपर्युक्त जानकारी मेरी अधिकतम जानकारी और विश्वास के अनुसार सही है। यदि मेरे द्वारा दी गयी कोई जानकारी किसी भी चरण पर गलत पायी जाती है, तो मेरा आवेदन रद्द किया जा सकता है। I do solemnly affirm that the above information given by me is true to the best of my knowledge and belief. If any information given by me is found to be incorrect at any stage, my candidature may be cancelled.

दिनांक | Date :

स्थान | Place :

आवेदक का हस्ताक्षर | Signature of Applicant