



# राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भुवनेश्वर

परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वयं शासित संस्थान

(अनुसंधान और विकास अनुभाग)

**NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHUBANESWAR**

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

Jatni, Khurda, Odisha - 752050

**Research & Development Section**

## **Advertisement No.: NISER / R&D-283 / BL2303 / 15 / 2025-26**

Indian nationals are invited for **one (01) temporary position of Project Research Scientist – I (NM)** under the project “Therapeutic Potential of Carnosic Acid in decreasing Astrocytic TREK1-mediated Excitotoxic Alzheimer's Disease” in the School of Biological Sciences, NISER, Bhubaneswar funded by ICMR, Govt. of India.

**Essential Qualifications:** Post graduate degree, including the integrated PG degree in Life Sciences/Molecular Biology/Genetics/Genomics/Bioinformatics/Life Sciences/Zoology/Biotechnology or equivalent.

These qualifications must be obtained from a recognized Board/University/Institute.

**Desired Qualification:** PhD in Life Sciences/ Molecular Biology/ Genetics/ Genomics/ Bioinformatics/ Life Sciences/ Zoology/ Biotechnology or equivalent.

**Research area:** Neuroscience, ion channel biology, neurodegenerative diseases. Specifically, understanding role of TREK1 ion channel in Alzheimer's disease.

**Desired Qualification:** The ideal candidate should have a strong experimental research background, demonstrated by publications with at least one first-author paper. Proficiency in molecular biological techniques namely, western blotting, ChIP-PCR, luciferase reporter assays, EMSA assay, cloning, lentiviral particle designing and production for gene delivery, CRISPR-Cas9 editing and confocal microscopy will be preferred, as these techniques are integral to analyzing and visualizing pathophysiological changes occurring in neurons mechanistically.

**Monthly Emoluments:** ₹56,000/- pm plus HRA as per rules

**AGE:** 35 years as on **27/08/2025**, age relaxation to entitled categories as per rules.

**The above position is purely temporary for a period of 12 months or completion of project whichever is earlier and strictly co-terminus with the project. It would, therefore, not confer any right/ claim, implicit, or explicit for consideration/ absorption against any NISER post.**

Interested candidates should send the duly filled-in application form given in page 3-4 of this advertisement, along with copies of all the Educational Certificates by email to [swagata@niser.ac.in](mailto:swagata@niser.ac.in) latest by **27.08.2025**.

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.
3. A statement of research interests and a brief project proposal related to ongoing work in the PI's lab.
4. A duly filled-in application form is given on pages 3-4 of this advertisement, along with copies of all the Educational Certificates.
5. Two recommendation letters to reach Dr. Swagata Ghatak by email to [swagata@niser.ac.in](mailto:swagata@niser.ac.in) at the earliest.

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. Short-listed candidates will be notified via email with details regarding the interview, including the scheduled date and time.

For any clarification, please contact Dr. Swagata Ghatak at the above-mentioned email.

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

**Dean (R&D)**



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## Research & Development Section

विज्ञापन संख्या : **NISER / R&D-283 / BL2303 / 15 / 2025-26**

### भर्ती के लिए आवेदन पत्र

Application for recruitment to the post of  
**Project Research Scientist – I (NM)**

*Paste your recent  
colour passport  
photograph*

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

2. पिता / पति का नाम | Father's / Husband's Name: \_\_\_\_\_

3. जन्मतिथि | Date of Birth : \_\_\_\_\_

4. उम्र | Age as on (दिनांक **27.08.2025**) : \_\_\_\_\_

5. पत्राचार के लिए डाक का पता : \_\_\_\_\_

Postal Address for Correspondence

6. स्थाई पता | Permanent Address : \_\_\_\_\_

7. (a) कॉन्टैक्ट नं. | Contact No. : \_\_\_\_\_

(b) ई-मेल | E-mail : \_\_\_\_\_

8. 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)

9. क्या CSIR-UGC NET / GATE में योग्य हैं? : \_\_\_\_\_

Whether CSIR-UGC NET / GATE qualified?

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

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

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

**11. 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