



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भुवनेश्वर

परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वयं शासित संस्थान

(भौतिक विज्ञान स्कूल)

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 Physical Sciences)

Advertisement No.: NISER / SPS / ALICE / RA / 01

Experimental High Energy Physics group in the School of Physical Sciences, NISER invites applications from Indian/Foreign citizens for two **Research Associate (RA)** positions under the project “**Indian participation in the ALICE experiment at CERN**” funded by **DAE and DST**, Govt. of India.

Research Associate: Experimental High Energy Physics

No. of positions: Two (2)

Application End Date: 31.12.2021

Essential Qualifications: Ph.D degree in Experimental Nuclear/Particle Physics

Research Areas: The experimental high energy physics group at NISER is involved in various physics analysis using the data collected by ALICE at LHC-CERN and STAR at RHIC-BNL. Our main interest lies in the study of hadronic resonances production, vector meson polarization, fluctuations, understanding the QCD phase structure and search for QCD critical point and Chiral Magnetic Wave (CMW) effect etc. A research proposal in any of these areas is highly encouraged. However, the candidate can also propose an independent research problem that echo with the group interest. We are also involved in the physics simulation of Forward Calorimeter (FoCal) which is a part of ALICE detector upgrade for Run4. NISER will actively be involved in the FoCal Detector R&D. Based on the group interest, the candidate will be working in any of the following areas:

- i) Physics analysis of ALICE or STAR data
- ii) Detector R&D and simulations of FoCal

Desirable: Experience in data analysis and/or detector hardware of high energy physics experiments.

Fellowship: As per existing rules of the Department of Atomic Energy (DAE), Govt. of India and based on post Ph.D. experience. Research Associate – I: ₹47,000/- per month; Research Associate – II: ₹49,000/- per month and Research Associate – III: ₹54,000/- per month.

AGE: 35 years as on date of interview, age relaxation to entitled categories as per DAE rules.

The above positions are purely temporary for a period of one year and extendable to a maximum tenure of three years upon satisfactory academic performance. It would, therefore, not confer any right/ claim, implicit, or explicit for consideration/ absorption against any NISER post.

How to Apply: Applicants should send in their applications and arrange for the recommendation letters to reach Prof. Bedangadas Mohanty through email bedanga@niser.ac.in .

The applications should have the following documents:

1. A covering letter that mentions the specific research area outlined above they would like to be considered in.
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.
4. Duly filled-in application form given in page 3-4 of this advertisement, along with copies of all the Educational Certificates.
5. Two letters of references.

The candidate should arrange the letters of reference to reach Prof. Bedangadas Mohanty through email bedanga@niser.ac.in within two weeks of the date of application. The candidates who are shortlisted based on their CV, research statement and letters of reference will be interviewed through **zoom/ skype/ meet video conferencing** before the final selection is made. The positions will be filled immediately.

For any clarification, please contact Prof. Bedangadas Mohanty on the above mentioned email.

No TA/DA will be paid to the candidate for joining the position.

Chairperson
(School of Physical Sciences)



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विज्ञापन संख्या : NISER/ SPS/ ALICE/ RA/ 01

भर्ती के लिए आवेदन पत्र

Application for recruitment to the post of **Project Associate**

*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 31.12.2021) : _____

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 क्वालिफ़ाएड 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 करने 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