



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर
National Institute of Science Education & Research, Bhubaneswar
(परमाणु ऊर्जा विभाग, भारत सरकार के अधीन एक स्वायत्त संस्थान)
(An autonomous Institution under Department of Atomic Energy, Govt. of India)
जैविक विज्ञान विद्यालय / School of Biological Sciences

Advertisement for Postdoctoral Fellows (PDFs) / Research Associate – I, II & III

Advt. No.: NISER/SBS/2023-24/03

Opening Date: 30.08.2023

Closing Date: 19.09.2023

Applications are invited from the Indian Citizens for a position of Post Doctoral Fellow (PDF) / Research Associate I, II, III under DAE Plan Project RIN-4002-SBS-Basic Research in Biological Sciences for Dr. Ramanujam Srinivasan's "Bacterial and Archaeal Cytoskeleton Lab" in the School of Biological Sciences, at National Institute of Science Education and Research, Bhubaneswar.

Sl. No.	Position	Essential Qualification / Eligibility Criteria	Monthly Fellowship	Other Benefits
1	PDF / RA-I	Ph. D with experience in the relevant areas of Biological/ Life Sciences	₹47000/-	<ul style="list-style-type: none">• HRA may be paid as per applicable rates if no official accommodation is provided by the Institute.• Contingency grant of ₹40000/- per year is available to be spent as per rules.• Medical facility as per institute rules.• Leaves provisions are available as per Institute rules for PDFs.
2	PDF / RA-II	Ph. D with experience in the relevant areas of Biological/ Life Sciences With one year teaching / research experience after Ph. D.	₹49000/-	
3	PDF / RA-III	Ph. D with experience in the relevant areas of Biological/ Life Sciences With two years teaching / research experience after Ph. D.	₹54000/-	

Laboratory outline: The laboratory is interested in understanding the underlying dynamics of the cytomotive proteins in archaea and bacteria that drive fundamental cellular processes such as DNA segregation and cell division. We are also interested in exploring the role of bacterial cytoskeleton in antimicrobial resistance, host-pathogen interactions and collective behavior in bacterial systems. Laboratory webpage: <https://www.niser.ac.in/users/rsrini>.

Desirable qualification / experience: The candidate is expected to have handled and worked with microbial pathogens, especially relating to the ESKAPE group and worked with host pathogenesis model systems such as *Drosophila melanogaster*, and *Caenorhabditis elegans*. The candidate should have demonstrated vast expertise in cell and molecular biology techniques, microscopy, microbial culturing, gene-knockout/knock-in methods, DNA & RNA purification, performing and analysing Real-time RT-PCR, studying inter-species interaction among bacterial species. It is essential to demonstrate high-quality original work on inter-species interaction among bacterial species particularly with respect to studies on bacterial motility and collective behaviour. Knowledge of statistical analysis is an important criterion. An inclination to bacterial cytoskeleton is expected. The candidate should have demonstrated track record and publications from their thesis work. While peer-reviewed publications are expected, impact Factor shall not be an criteria for quality and pre-print submissions are also acceptable and will be considered for evaluation.

General Information:

The position is purely temporary and coterminous with project duration. Initially the appointment will be made for less than a year time which may be extended depending upon the project requirement. Interested candidates need to send their application in the prescribed form (given at Page No.2-3) through email only to rsrini@niser.ac.in with a copy to cpsbs@niser.ac.in. The application should have the documents (a) Scanned copy of the filled-in form with signature of the applicant (b) Scanned copies of the certificates in support of educational qualifications and work experience (c) A covering letter that mentions the specific research area outlined above they would like to be considered in. (d) A detailed academic CV, list of publications and names of two academic referees. (e) A statement of research interests.

Incomplete applications, applications without signature of the candidate, applications without supporting documents as stated above and the applications received after the closing date will not be considered. Only the shortlisted candidates may be called for the interview / seminar presentation either through online or offline mode.

No TA/DA will be paid to the candidate called for appearing in the interview / seminar presentation or for joining the position if selected.



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर
National Institute Of Science Education And Research, Bhubaneswar
(परमाणु ऊर्जा विभाग, भारत सरकार के अधीन एक स्वायत्त संस्थान)
(An autonomous Institution under Department of Atomic Energy, Govt. of India)
(जैविक विज्ञान विद्यालय / School of Biological Sciences)

आवेदन पत्र / Application Form
विज्ञापन संख्या : NISER/SBS/2023-24/03

अपना हालिया रंगीन
फोटो चिपकाए

Paste your recent
coloured
photograph

आवेदित पद का नाम: _____

Name of Post applied for: _____

प्रयोगशाला का नाम / Name of the Lab: _____

1. पूरा नाम (स्पष्ट अक्षरों में) Full Name (In Capital Letters): _____

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

3. जन्मतिथि/ Date of Birth : _____ राष्ट्रीयता/Nationality: _____

4. 18.09.2023 को उम्र/ Age as on 18.09.2023 : _____

5. श्रेणी : सामान्य / अनु.जा. / अनु.जा.जा. / अ.पि.व. इत्यादि: _____

Category: GEN / SC / ST / OBC (non-creamy layer) _____

6. पत्राचार के लिए डाक का पता : _____

Postal Address for Correspondence: _____

7. स्थाई पता /Permanent Address : _____

8. (a) मोबाइल नंबर/ Mobile No. : _____

(b) ई – मेल आईडी / E-Mail ID : _____

9. शैक्षणिक योग्यताएँ / Educational Qualifications:

परीक्षा का नाम Name of the examination	बोर्ड / विश्वविद्यालय / संस्थान Board / Univ. / Institute	उत्तीर्ण करने का वर्ष Year of Passing	मुख्य विषय Main Subjects	अंको का प्रतिशत % age of Marks

10. कार्यानुभव का विवरण / Details of Work Experience

संगठन/नियोक्ताका नाम Name of Organization/Employer	सेवा अवधि वर्ष तथा माह में 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 पुष्टि करता/करती हूँ कि उपर्युक्त दी गयी सूचना मेरी अधिकतम जानकारी एवं 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)