



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/2023-24/07

Opening Date: 01.12.2023

Closing Date: 21.12.2023

Applications are invited from Indian Citizens for the **one (01)** 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. Manjusha Dixit's "Cancer Genomics and Genetics" 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. Degree 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.• Leave provisions as per Institute rules
2	PDF / RA-II	Ph.D. Degree in the relevant areas of Biological / Life Sciences With minimum one year teaching / research experience after Ph. D.	₹49000/-	
3	PDF / RA-III	Ph.D. Degree in the relevant areas of Biological / Life Sciences With minimum two years of teaching / research experience after Ph. D.	₹54000/-	

Fellowship: The amount of monthly fellowship as mentioned above is subject to revision as per DAE rules.

Laboratory outline: Dr. Dixit's laboratory is engaged in the identification of Tumor Suppressor Genes and Oncogenes that play simultaneous roles across multiple hallmarks of cancer. We delve into unraveling the intricate complexities of their dual roles in the initiation and progression of tumorigenesis, paving the way for targeted therapeutic interventions that are less prone to resistance development. Simultaneously, our second stream of research is focused on unraveling the genetic and molecular intricacies specifically associated with gallbladder cancer which is prevalent in Odisha. This endeavor involves a thorough exploration of the unique genetic landscape and molecular signatures associated with gallbladder cancer pathogenesis.

Laboratory webpage: <https://www.niser.ac.in/users/manjusha>.

Desirable qualification / experience: We're looking for a candidate with a solid background in animal cell culture, cell-based assays, and molecular biology techniques such as PCR, RT-PCR, Western blotting, DNA/RNA isolation, DNA sequencing, and recombinant DNA preparation. Proficiency in bacterial culture, small animal handling, and microscopy is also expected. The candidate should be capable of handling human samples and conducting expression determination using various techniques. Familiarity with routine data analysis methods and common statistical analysis is expected. We value a demonstrated track record with publications from previous thesis work. Peer-reviewed publications are expected, and while impact factor is not a criterion for quality, pre-print submissions are also acceptable and will be considered during the evaluation process.

General Information:

1. The position is purely temporary and co-terminus with the project duration.
2. Initially the appointment will be made for a period of less than year's time which may be extended depending upon the project requirement & satisfactory performance of the incumbent.
3. Interested candidates need to apply in the prescribed form given at Page No.2-3 (given at Page No.2-3) through email only to manjusha@niser.ac.in with a copy to cpsbs@niser.ac.in & officesbs@niser.ac.in. Application sent by any other mode will not be accepted / considered.
4. The application should have the following documents:
 - (a) Scanned copy of the filled-in form with signature (Form format given at Page No.:2-3).
 - (b) Scanned copies of all the certificates of educational qualifications from 10th onwards and work experience if any.
 - (c) A covering letter mentioning the statement of research interest on the specific research area as outlined above.
 - (d) A detailed academic CV with list of publications and names of two academic referees.
5. 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.
6. Only shortlisted candidates will be called for the test / interview / seminar presentation through online or offline mode.
7. No TA/DA will be paid to the candidate called for appearing in the interview / seminar presentation or for joining the position if selected.



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(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/2023-24/07

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: "Cancer Genomics and Genetics" 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 th				
12 th / +2				
Graduation				
Post Graduation				
Ph.D.				
Any Other				

10. कार्यानुभव का विवरण / Details of Work Experience

संगठन/नियोक्ता का 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 & correct to the best of my knowledge and belief. If any information given by me is found to be false / incorrect at any stage, my candidature / appointment may be cancelled.

दिनांक/ Date : _____

स्थान/ Place : _____ (आवेदक का हस्ताक्षर/ Signature of Applicant)