



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH,
BHUBANESWAR
(An autonomous Institution under Department of Atomic Energy, Govt. of India)
(School of Biological Sciences)

Advertisement for Post-Doctoral Fellow

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

ESSENTIAL QUALIFICATIONS: PhD degree in the relevant area of Molecular Biology/Genetics/Genomics/ Bioinformatics/Life Sciences/Zoology/Biotechnology etc.

RESEARCH AREA: Understanding the pathogenesis of Pseudoexfoliation Glaucoma and developing a biomarker for early detection.

DESIRABLE: Prior experience with cell culture, animal handling, cell and molecular biology techniques: Cloning, Expression studies, Recombinant DNA technology, Genetics, genomics will be preferred.

LABORATORY DESCRIPTION: With the shifting demographics towards older age, there is a major concern for age-related disorders. 90% of individuals dying each year are due to age-related causes. Understanding the genome, epigenome and proteome between healthy and diseased state of these individuals pave a way for unravelling bio-markers for early diagnosis and/or therapeutics for various diseases. Our goal is to find these underlying players that change the micro-environmental niche differently in a diseased state during the developmental process of aging and hence are responsible for these age related-disorders. We are currently focusing on understanding the pathomechanism of two neurodegenerative eye disorders (Glaucoma, the leading cause of irreversible World Blindness and Corneal Endothelial Dystrophies) as well as Cancer using a plethora of cellular, biochemical, genetics, genomics and molecular biology techniques involving human samples, animal models as well as *in vitro* cell lines. More details can be found at <https://www.niser.ac.in/users/debasmita> and <https://debasmitau.wixsite.com/debasmitalab>

FELLOWSHIP: As per existing rules of the Department of Atomic Energy (DAE), Govt. of India. The positions are purely temporary. The appointment is made for a period of One Year at a time and extendable to a maximum tenure of two years upon satisfactory academic performance. The selected postdoctoral fellow is expected to work with a specific research group at NISER depending on mutual research interest. HRA will be paid if accommodation not available on the campus and Contingency grant will be spent as per rules.

RA-I: Candidates successfully defended their thesis and having less than one year experience after award of PhD degree, Monthly fellowship: 47,000/- INR

RA-II: Candidates with one or less than two years of experience after award of PhD degree; Monthly fellowship: 49,000/- INR

RA-III: Candidates with 2-3 years of experience after award of PhD degree; Monthly fellowship: 54,000/-

HOW TO APPLY:

Candidates should send in their applications with the title “Application for Post-Doctoral Fellow” and arrange for the recommendation letters to reach Dr. Debasmita P. Alone at debasmita@niser.ac.in with a copy to cpsbs@niser.ac.in at the earliest.

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 and brief project proposal related to ongoing work in the PI's lab.
4. Duly filled-in application form given in page 2-3 of this advertisement, along with copies of all the Educational Certificates.
5. Two letters of reference

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.

For any clarification, please contact Dr. Debasmita P. Alone on the above-mentioned email ID.

No TA/DA will be paid to the candidate, for appearing in the interview nor for joining the position.

Chairperson
(School of Biological Sciences)



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पोस्ट डॉक्टोरल फेलो के भर्ती के लिए आवेदन पत्र

Application for "Post-Doctoral Fellow"

Paste your
recent
coloured
photograph

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 : _____
4. राष्ट्रियता/ Nationality : _____
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.जा.ज./अ.व.पि./ शा .वि .में आते है? : _____
Whether belongs to SC/ST/OBC/PH category (If yes, please attach latest certificate)
(जाति प्रमाणपत्र संलग्न किया जावे- / Copy of Caste Certificate to be enclosed)
9. ADHAAR & PAN no. (आधार और पैन कार्ड नंबर) : _____

10. शैक्षणिक योग्यताएँ / Educational Qualifications:

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 % age of Marks

11. अनुभवयदि 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 हैतो , 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)