



बसु विज्ञान मंदिर / BOSE INSTITUTE
कोलकाता / KOLKATA

(भारत सरकार के विज्ञान और प्रौद्योगिकी
मंत्रालय द्वारा वित्तपोषित सोसायटी)
(A Society for Scientific Research financed by
The Ministry of Science & Technology, Govt. of India)

ADVT. NO. : S/BIO/08/2025-26

बसु विज्ञान मंदिर, कोलकाता, भारतीय नागरिकों से (ए) एक (01) जूनियर रिसर्च फेलो (जेआरएफ) (बी) एक (01) रिसर्च एसोसिएट (आरए) और (सी) एक (01) प्रोजेक्ट एसोसिएट (पीए) के अस्थायी पद के लिए आवेदन आमंत्रित करता है, जो डीएसटी प्रायोजित परियोजना के लिए है, जिसका शीर्षक है “भारत में सिंधु-गंगा के मैदान के महानगरीय शहरों में शहरी वायुजनित बैक्टीरिया की जांच और मानव स्वास्थ्य पर उनका प्रभाव” जलवायु परिवर्तन के लिए रणनीतिक ज्ञान पर राष्ट्रीय मिशन (एनएमएसकेसीसी) के तहत डॉ सनत कुमार दास (प्रधान अन्वेषक), एसोसिएट प्रोफेसर, भौतिक विज्ञान विभाग की देखरेख में। परियोजना 02.06.2028 तक मान्य है और सभी पद परियोजना के साथ सहवर्ती हैं। बसु विज्ञान मंदिर में पीएचडी नामांकन के लिए जेआरएफ पर विचार नहीं किया जाएगा। सभी नियुक्तियां शुरू में एक वर्ष के लिए होंगी तथा परियोजना में संतोषजनक कार्य प्रगति और निधि की उपलब्धता के आधार पर इसे बढ़ाया जा सकता है।

Bose Institute, Kolkata, invites application from Indian Citizens for temporary position for **(A) One (01) Junior Research Fellow (JRF) (B) One (01) Research Associate (RA) & (C) One (01) Project Associate (PA)** for the **DST sponsored project** entitled “*Investigation of urban airborne bacteria and their impact on human health over metropolitan cities of Indo-Gangetic Plain in India*” under National Mission on Strategic Knowledge for Climate Change (NMSKCC) under the supervision of Dr. Sanat Kumar Das (Principal Investigator), Associate Professor, Department of Physical Sciences. **The project is tenable upto 02.06.2028 and all the positions are coterminous with the project. A JRF will not be considered for Ph.D. enrolment at Bose Institute. All appointment will be initially for one year and may be extended based on the satisfactory work progress and availability of the fund in the project.**

योग्यता, मासिक वेतन, आयु आदि का विवरण इस प्रकार है:

Details of qualification, monthly Emoluments, age etc. are as follows:

(A) जूनियर रिसर्च फेलो (जेआरएफ) : एक (01) पद
Junior Research Fellow (JRF) : One (01) position

Qualification	Upper Age	Monthly emoluments
आवश्यक योग्यता Essential Qualification : Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following :	28 years (relaxable in case of SC / ST / OBC / PWD candidates only, as per govt. rule)	JRF @ Rs.37,000/- p.m. plus 30% HRA for 1 st and 2 nd year (if extended) & Senior Research Fellow (SRF) @ Rs. 42,000/- p.m. plus 30% HRA for 3 rd year (if extended)

<p>(a) Scholars who are selected through National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) and GATE</p> <p>(b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc.</p>		
<p>वांछनीय योग्यता Desirable qualification : Minimum 55% marks in Master's degree in life sciences or earth and atmospheric sciences. Lab experience in DNA/RNA/protein extraction is preferable. Interested candidate must be able to travel to remote areas to collect on-field atmospheric and biological samples.</p>		
<p>नौकरी का विवरण Job description: Research Fellow will be responsible for formulating new research questions, conducting experiments, and analyzing results that add value to the broader research field. He/She will be part of planning the details of the experiments, work in a team, execute on-field sample collections, data generation, and will curate and analyze the large body of genomic/metagenomic data generated, address the objectives of the current project, and write reports, manuscript as and when asked.</p>		

(B) रिसर्च एसोसिएट (आरए) : एक (01) पद

Research Associate (RA) : One (01) position

Qualification	Upper Age	Monthly emoluments
<p>आवश्यक योग्यता Essential Qualification : Ph.D/MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after MVSc/M.Pharm/ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal</p>	<p>35 years (relaxable in case of SC/ST/OBC/PWD candidates only, as per govt. rule</p>	<p>RA-I @ Rs.58,000/- p.m. plus 30% HRA for 1st and 2nd year (if extended) & Research Associate (RA)-II @ Rs. 61,000/- p.m. plus 30% HRA for 3rd year (if extended)</p>
<p>वांछनीय योग्यता Desirable qualification: PhD degree awarded or provisional certificate of Ph.D. awarded in any field of life sciences or earth and atmospheric sciences. Lab experience in molecular biology is preferable. Interested candidate must be able to travel remote areas to collect on-field atmospheric and biological samples.</p>		
<p>नौकरी का विवरण Job description : Research Associate (RA) will directly align with the project's scientific and administrative needs, providing comprehensive support to PI and ensuring efficient high quality data collection, analysis, and dissemination of results. RA will be involved in designing proper logistics and managing data collection processes to meet specific research objectives. He/she will ensure that the basic on field and laboratory training and research work conducted by the JRF and PA align with the project's standards, maintaining the quality and integrity of the research. He/She will assist the PI in all scientific, technical and administrative aspects of the project, including report writing, manuscript drafting to achieve the proposed objectives.</p>		

(C) प्रोजेक्ट एसोसिएट (पीए)-I: एक (01) पद

Project Associate (PA)-I : One (01) position

Qualification	Upper Age	Monthly emoluments
<p>आवश्यक योग्यता Essential Qualification : Four years Bachelor's Degree in Natural or Agricultural Sciences / Master's Degree in</p>	<p>35 years (relaxable in case of SC/ST/OBC/PWD</p>	<p>PA-I @ Rs.31,000/- p.m. plus 30% HRA for 1st and 2nd year (if extended) & Project Associate (PA)-II @ Rs. 35,000/- p.m. plus</p>

Natural or Agricultural Sciences / BVSc/B.Pharm or Bachelor's degree in Engineering or Technology or Medicine or from a recognized University or equivalent.	candidates only, as per govt. rule	30% HRA for 3 rd year (if extended)
<p>वांछनीय योग्यता Desirable qualification : GATE or NET-LS may be encouraged or equivalent any national examination. Lab experience in molecular biology is preferable. Interested candidates must be able to travel remote areas to collect on-field atmospheric and biological samples.</p>		
<p>नौकरी का विवरण Job description :</p> <p>Project Associate (PA) will perform field sampling activities, including on-field sample and data collection, sample preparation, and ensuring that all necessary tools and materials are available. PA will help in the timely requisition and management of project resources (e.g., laboratory supplies, equipment, or field tools), which is critical to the uninterrupted progress of the project. He/She will also assist in the meticulous logging of field observations, and data entry, ensuring that all data is recorded accurately and stored properly for later analysis support laboratory activities by preparing reagents, organizing lab materials, maintaining cleanliness, and ensuring that the laboratory is ready for experiments, and routine laboratory tasks, such as sterilizing equipment, and preparing samples, and any kind of procurement processes for the laboratory.</p>		

इच्छुक एवं योग्य अभ्यर्थी सादे कागज़ पर, विज्ञापन संख्या और पद का उल्लेख करते हुए, सीलबंद लिफाफे पर आवेदन कर सकते हैं। साथ ही, पूर्ण बायोडाटा, ईमेल आईडी और फ़ोन नंबर, योग्यता का विवरण जैसे उत्तीर्ण परीक्षा, वर्ष, श्रेणी, माध्यमिक स्तर से आगे के अंकों का प्रतिशत, प्रमाण-पत्रों, अंक-पत्रों आदि की स्व-सत्यापित प्रतियों के साथ 18 अगस्त, 2025 तक रजिस्ट्रार (कार्यवाहक), बोस संस्थान, ब्लॉक-ईएन, प्लॉट संख्या-80, सेक्टर-V, साल्ट लेक सिटी, कोलकाता-700091 के पते पर आवेदन कर सकते हैं। अभ्यर्थियों को साक्षात्कार के समय मूल अंक-पत्र, प्रमाण-पत्र आदि भी साथ लाने होंगे। साक्षात्कार में उपस्थित होने के लिए कोई यात्रा भत्ता/दैनिक भत्ता देय नहीं है।

Interested and eligible candidates may apply on plain paper quoting Advertisement No. and position on the sealed envelope as well as on application with complete Bio-data giving e-mail ID and Phone No. and details of qualification i.e. examination passed, year, division, percentage of marks from Secondary onwards with self attested copies of Certificates, Mark-sheets etc. to the Registrar (Officiating), Bose Institute, Block-EN, Plot No.-80, Sector-V, Salt Lake City, Kolkata-700091 **on or before August 18, 2025**. Candidates should also bring original mark-sheets, certificates etc. at the time of Interview. No TA/DA is admissible for appearing at the interview.

[English version of this advertisement will prevail, in case of different interpretation in the Hindi Language]

Sd/-

रजिस्ट्रार (कार्यवाहक) **REGISTRAR (OFFICIATING)**