



ब्रिक-राष्ट्रीय प्रतिरक्षाविज्ञान संस्थान  
नई दिल्ली

BRIC-NATIONAL INSTITUTE OF IMMUNOLOGY  
ARUNA ASAF ALI MARG, NEW DELHI

Applications are invited for the one position of Project Scientist-I & two positions of Junior Research Fellow (Project) for the following time-bound sponsored projects as per the details given below:

Name of the project & Duration of the Project	Post details & No. of Posts	Name of the Project Investigator and Email Id
<p>“Establishment of Bioinformatics and Computational Biology Center at NII, New Delhi with the theme of Structural Bioinformatics &amp; Genome Mining (Applications in Biomedical Sciences)” funded by DBT</p> <p>Tenable till – 25.11.2025</p>	<p>Project Scientist-I (One position only)</p> <p>&amp;</p> <p>Junior Research Fellow (Project) (Two positions only)</p>	<p>Dr. Debasisa Mohanty Director, NII <a href="mailto:mompcoe@nii.ac.in">mompcoe@nii.ac.in</a></p> <p>Applicants must write “<b>Application for BICB Project</b>” and name of the post applied for in the <b>subject</b> line of the e-mail</p>

#### **Educational Qualifications:**

**Project Scientist-I:** PhD (Biotechnology/Bioinformatics or Biological Sciences). **(Degree must have been awarded)**

**Job Description:** The candidate will be domain expert for development of a database of secondary metabolite biosynthetic pathways based on literature curation for applications in synthetic biology & natural product discovery. Coordination with database/software developers. Organization of training programs in bioinformatics & NGS data analysis.

**Desirable:** The candidate must have very good understanding of various experimental techniques in molecular biology, biochemistry, proteomics and metabolomics relevant for identification of secondary metabolite biosynthetic pathways and research programs in chemical & synthetic biology. The candidate should also have experience in bioinformatics techniques like sequence analysis, protein structure prediction and analysis of NGS data. **Very good publication record** in areas relevant to the project and post-doctoral work experience in interdisciplinary research environment are highly desirable.

**Emoluments:** Rs 56,000/- consolidated p.m. plus 27% HRA (As per DST OM dated 10.07.2020)

**Junior Research Fellow (Project):** MSc (Bioinformatics/Biophysics/Biochemistry/Biotechnology) or Masters degree in any other stream of biological/physical/computational sciences or Bachelor's degree in Engineering or Technology or Medicine or Equivalent. Must have qualified NET-JRF. **If candidates with NET-JRF are not available, those without NET JRF will be recruited with salaries as per DST norms.**

**Job Description:** Prediction and analysis of Protein structure and Analysis of Genome/Microbiome, Development of bioinformatics tools and softwares for Genome mining; Development of databases and softwares for genome analysis, installation/support of public domain softwares for structural bioinformatics in LINUX environment and system administration of computing/storage servers of Bioinformatics Center, NII.

**Desirable:** Work experience in the area of Bioinformatics/IT/Computer Applications. Strong computer programming skills (in PERL/Python or C++ or object-oriented database management systems like MySQL etc. or scripting languages under LINUX/UNIX environment) and sufficient experience in computational analysis of biological/biochemical data. Publications in the area of bioinformatics & Computational biology will be desirable. **The candidates must highlight their experience in programming and database development in their CV.**

**Emoluments:** Rs 37,000/- consolidated p.m. plus 27% HRA (As per DST OM dated 26.06.2023)

**General Terms & Conditions:**

1. The candidates selected for the above posts will be on contract for one year or till the duration of the project whichever is shorter, at a time.
2. No hostel/ housing facility will be provided.
3. Applicants may clearly mention the category they belong to i.e. SC/ST/OBC/PH and attach documentary proof of the same.
4. No TA/DA will be paid for attending the interview, if called for.
5. Apart from sending application in the prescribed format given below, candidates should send complete *Curriculum Vitae* along with the names of three referees. *Curriculum Vitae* should contain details of the experimental expertise and list of publications.
6. Canvassing in any form will be a disqualification.
7. The interviews will be held in offline/online mode.

**HOW TO APPLY:** Interested candidates may apply directly, **STRICTLY IN THE PRESCRIBED FORMAT GIVEN BELOW**, through E-mail, to the Investigator of the project, clearly indicating the name of the project along with their complete CV, Email Id, fax numbers, telephone numbers. **Only Short listed candidates** will be called for interview and they required to submit attested copies of all their certificates and a Demand Draft of Rs 100/- drawn on Canara Bank or Indian Bank payable at Delhi/New Delhi in favour of the Director, NII (SC/ST/PH) **Or** can make the payment through UPI/Paytm/Phone Pe etc. in **the Bank A/c No. 1484101001636** and women candidates are exempted from payment of fees) subject to submission of documentary proof), at the time of interview.

**LAST DATE OF RECEIPT OF APPLICATIONS: 21<sup>st</sup> June, 2025**

**PRESCRIBED FORMAT**

1.	Full Name				
2.	Father's Name				
3.	Mother's Name				
4.	Date of Birth & Age				
5.	Gender				
6.	Category (UR/SC/ST/OBC/PH)				
7 (a)	Full Current Correspondence Address				
(b)	Permanent Address				
8.	Email Id Mobile No.				
9.	Details of Past Experience & Present Employment				
10.	Whether qualified any 'National Level Examination' (Please State)				
11.	Please State, whether holding Overseas Citizenship Card of India, (Yes/No)				
12.	Details of the Academic/Professional Qualifications:				
	Name of examination passed	Year of passing	Board/Institution/University	Percentage and division	Remarks

**Please Note:**

- 1. Applications containing incomplete information shall not be entertained.**
- 2. Date of passing the examinations must be indicated clearly.**