



NATIONAL INSTITUTE OF IMMUNOLOGY
ARUNA ASAF ALI MARG
NEW DELHI

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

Name of the project & Duration of the Project	Position details & No. of positions	Name of the Project Investigator and Email ID
“Establishment of Bioinformatics and Computational Biology Center at NII, New Delhi with the theme of Structural Bioinformatics & Genome Mining (Applications in Biomedical Sciences)” funded by DBT Tenable till – 25.11.2025	Senior Research Fellow (One position only) & Project Scientist-I (One position only)	Dr. Debasisa Mohanty Staff Scientist-VII mompcoe@nii.ac.in Applicants must write “ Application for BICB Project ” in the subject of the E-mail.

For Project Scientist-I position:

EDUCATIONAL QUALIFICATIONS

Essential: Ph.D. (Biotechnology or Biological sciences) (Degree must have been awarded).

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.

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.

EMOLUMENTS: Rs. 56,000/- per month consolidated plus 24% HRA as per DST OM dated 10.07.2020.

For Senior Research Fellow (Project)

EDUCATIONAL QUALIFICATIONS:

Essential: M.Sc.(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 AND a minimum of 2 years of research experience. Must have qualified NET JRF.

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 are highly desirable. **The candidates must highlight their experience in programming and database development in their CV.**

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.

EMOLUMENTS:

Rs 35,000/- per month consolidated plus 24% HRA. Must have qualified NET qualification as per DST OM dated 30.01.2019.

General Terms & Conditions:

1. The candidates selected for the above posts will be on contract for one year or duration of the project whichever is shorter, at a time.
2. Hostel/ housing facility will be provided for female candidates.
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.

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, contact details and three recommendation letters. All the necessary documents should be sending as one PDF file. The PDF file should be named as – '***Name of applicant Position applied***'. 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 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: 24th June, 2022

PRESCRIBED FORMAT

(Please use additional sheet for providing details)

1.	Full Name																									
2.	Father's Name																									
3.	Mother's Name																									
4.	Date of Birth & Age																									
5.	Gender																									
6.	Category (SC/ ST/ OBC / PH)																									
7 (a)	Full Correspondence Address																									
(b)	Permanent Address																									
8.	Contact details (Email-ID, Telephone/Mobile No.)																									
9.	Details of Past Experience																									
10.	Details of Present Employment, if not employed then state the reason																									
11.	Candidates should state clearly whether they have been awarded Ph.D degree/Thesis defended or Thesis has been submitted																									
12.	Whether qualified any ' National Level Examination ' e.g. (NET/GATE)																									
13.	List of publications/patents authored till date																									
14.	Details of the Academic Qualifications:																									
	<table border="1"><thead><tr><th>Name of examination passed</th><th>Year of passing</th><th>Board/Institution/University</th><th>Percentage and division</th><th>Remarks</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>	Name of examination passed	Year of passing	Board/Institution/University	Percentage and division	Remarks																				
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Please Note:

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