



Student Internship Position in Biotechnology/ Computational Biology

Applications are invited for one position for **Student internship** as part of Social Scientific Responsibility under Science and Engineering Research Board (SERB) funded project at National Institute for Plant Biotechnology (NIPB), New Delhi. The Internship is for **two months** duration and likely to commence in **May/ June 2024**. The Intern shall be trained in the techniques of gene cloning/tissue culture/ bioinformatics/ next- generation sequencing (NGS)/ scientific writing and shall be expected to use the knowledge acquired in addressing a specific problem/ question in plant developmental biology, leading to a research publication/ report. The eligibility criteria and other terms & conditions are as under:

Project	Position	No. of position	Place of Internship	Eligibility criteria	Stipend
Designing bidirectional promoter capable of driving cas9 gene and guide RNA simultaneously for generating CRISPR-Cas9 based knockouts in soybean (SERB CRG/2022/006283) (PI: Dr. Joshitha Vijayan)	Student Intern	1	NIPB, New Delhi (<i>in person</i>)	Essential: Students pursuing undergraduate engineering or postgraduate science in the Majors of Biotechnology/ Bioinformatics/ any closely related subject to above Desirable: Exposure to / gene cloning/tissue culture/ scientific writing/ computational biology access to own computer	₹ 5000 per month (max two months) as student assistantship

Terms and conditions:

1. The internship is only for duration of two months and will end after completion of two months from the date of joining. No any other claim shall be made by the student. The student should be in position to start the internship within 10 days of being given offer letter (likely starting month is May/ June 2024).
2. The intern is expected to devote minimum 40 hours per week for the *in person* training, with requirement of regular attendance and monitoring of learning outcomes. The Chairperson of Student's advisory committee/ HoD should have no objection to the proposed internship and should support the application as given in the prescribed proforma.
3. The interested students may send their application in the proforma given below together with required documents etc to email IDs recruitmentnipb@gmail.com / jovijayan@gmail.com **as single merged pdf file**.
4. **The application must reach on or before 20th April 2024** through email.
5. The applicants shall be shortlisted based on academic profile and only short-listed applicants shall be invited for an **Online Interview** (the exact date of the Online Interview shall be communicated in due course).
6. The selected student has to make their own arrangements for accommodation in New Delhi and attending day to day activities at designated lab at NIPB, New Delhi. No TA/DA, hostel/ medical facilities, etc shall be provided by NIPB.
7. There is no registration fee/ bench fee/ training fee for the internship and the research expenses are fully funded by the SERB grant.
8. The university/ sending university shall have no claim on any intellectual property resulting during the internship. However, due credit to the intern shall be given, depending upon intern's contribution.
9. Concealing of facts or canvassing in any form shall lead to disqualification or termination.

Principal Investigator
(SERB CRG/2022/006283)

Application for Student Internship under SERB sponsored project on Designing bidirectional promoter capable of driving cas9 gene and guide RNA simultaneously for generating CRISPR-Cas9 based knockouts in soybean (CRG/2022/006283)

Name of the applicant	
Email	
Mobile No.	
Address for correspondence	
Date of Birth	
Name and Location of the University currently enrolled at	
ID Card No. issued by University	
Name of the Degree enrolled	
Start Date of Degree Program	
Expected month of completion	
Current CGPA	
Whether there is Degree requirement to carry out dissertation research/ advanced training	
Earliest feasible Start Date of the Internship	

Educational Qualifications				
Qualification	Board/ University	Year	Major Subject(s)	Marks in %
High School				
Intermediate				
Bachelor's				
Master's				
Any others (specify)				

Work experience				
Job Title	Employer	From	To	Nature of work

Any prior hands-on experience or research-oriented training in Biotechnology/ Bioinformatics/ Computer Science, specify
1.
2.

List of Publications (if any) (attach as Annexure, if space is in-sufficient)
1.
2.
3.

Do you have access to own Personal Computer/ laptop?	
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Short Note (~100 words), on how this internship may be useful in your career goals

List any significant extra- curricular achievements/ hobbies
1.
2.
3.
4.

Any additional, information
1.
2.
3.
4.

Attach scanned copy of following documents:

1. Valid University ID Card with photo or Proof of current enrolment plus a photo ID
2. High School, Intermediate, Bachelor's, Master's (if available) marks-sheet/ transcript and last available Grade sheet(s)/ CGPA score of current degree program
(Original/ certified copies of the above and proof of work experience/ publications etc would be required to be produced upon selection)

Declaration by Applicant
I,hereby declare that all statements made in the application are true/ correct to the best of my knowledge and belief. In the event of any information being found false or incorrect, my candidature/internship may be cancelled without any notice.
Date:
Place:
Signature

Recommendation by Chairperson, Advisory Committee of Student/ Head of Department
1. I support the application offor Internship at NIPB, New Delhi under SERB, Scientific Social Responsibility (SSR) Scheme.
2. If selected, the student shall be permitted to join the internship program (likely to commence in May/June 2024) <i>in person</i> at New Delhi.
3. Other remarks, if any
Signature
Name:
Designation:
Stamp

Additional Declarations by the Candidate

I declare that none of my near or distant relative(s) is an employee of the Indian Council of Agricultural research (ICAR)/ National Institute for Plant Biotechnology (NIPB), New Delhi, India.

Or

I declare that I am related to the following individual(s) employed in ICAR/NIPB, New Delhi, whose name(s), designation, nature of duties and relationship with me is furnished below.

Name:

Designation:

Institute/Organization:

Nature of duties:

In the event of the above-cited information is found to be incorrect or concealing any facts, my candidature to the interview/ selection to the post is liable to be cancelled.

Date and Place

Signature.....

Full Name of the Candidate.....

Kindly, merge the completed application form and supporting documents as single pdf file (of appropriate disk size) and mail it as an attachment to