

**School of Biotechnology  
Jawaharlal Nehru University,  
New Delhi 110067**

Applications are invited from eligible candidates for the one temporary position of **Project Assistant (PA)** in the Anusandhan National Research Foundation (ANRF) sponsored research project (File No. ANRF/IRG/2024/000352/LS) under the supervision of Dr. Arvind Pratap Singh, Associate Professor, School of Biotechnology, JNU, New Delhi.

Title of the project: **“Chemical-Biogeographic survey of Indian soil bacteriome for Unearthing the Diversity and Distribution of Antibiotic Biosynthetic Genes Clusters”**

**Duration of the project:** Three years

**Manpower Position:** Project Assistant (PA)

**Fellowship amount:** Rs.27000/- + 27% HRA per month

**Eligibility requirements:** Bachelor Degree in science or 3 years Diploma in Engineering and Technology.

Following requirements are desirable

- Previous research experience in soil bacteriology and antimicrobial resistance.
- Familiarity with standard microbiological techniques and bacterial culture handling.

**How to Apply:** Interested candidates with the above-mentioned qualifications can send their applications along with necessary documents **before 10th June 2025** to Dr. Arvind Pratap Singh (P.I.) through email: [arvindpsingh@jnu.ac.in](mailto:arvindpsingh@jnu.ac.in) or by post to: Dr. Arvind Pratap Singh, School of Biotechnology, Jawaharlal Nehru University, New Delhi 110067.

**Selection Procedure:** The shortlisted candidates will be called to appear in the interview (Offline/Online). The information regarding the interview will be communicated to shortlisted candidates through the email provided in the application.

**Start Date for Apply:** May 27, 2025

**End Date for Apply:** June 10, 2025

**Important Note:**

- No TA/DA will be paid for appearing in the Interview and/ or the joining position.
- All the terms and conditions for this recruitment will be as per the guidelines of ANRF, Govt. of India (GOI).
- Original documents of certificates/Degrees/mark sheets and other testimonials must be presented at the time of Interview/Joining.

**Dr. Arvind Pratap Singh**  
(Principal Investigator)  
ANRF Project

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**Jawaharlal Nehru University  
School of Life Science  
New Delhi 110 067**

Project : **Elucidating the roles of a geminivirus susceptible factor in mediating viral pathogenesis.**

**Junior Research Fellow (One)**

**Salary :** - @37000/- per month plus HRA (as per DBT rules and guidelines for JRF).

**Essential Qualifications :** Master degree in Biological / Life Sciences with at least 60% (or equivalent marks) or equivalent degree in any branch of biological/ Life sciences having qualified CSIR/UGC NET can apply. Final year /semester students of M Sc having qualified CSIR/UGC NET may also apply, subject to the submission of M Sc final marksheet / passing certificate at the time of interview, if shortlisted.

**Desirable Qualifications :** Research experience in the area of plant virus interactions / protein-protein interactions/plant molecular biology.

**Duration:** The Project will continue till May 2028. The above-mentioned position is completely temporary and are co-terminus with the project. Appointed person will be expected to stay in the lab for the entire period of the project.

**General information:-**

The competent authority may select candidate in the lower position against the above post depending upon the qualifications and experience of the candidate and reserves the right to relax any of the qualification(s) in case the candidate is found otherwise well qualified by the Selection Committee.

Applications (soft copy only) are invited from suitable candidates to apply by sending a cover letter detailing experience, with CV, reprints and names with complete address (including e-mail) of three references **on or before June 25, 2025 by e-mail to :- [virologylabsljnu@gmail.com](mailto:virologylabsljnu@gmail.com).**

**Prof. S. Chakraborty**  
School of Life Science  
New Delhi 110 067

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**Jawaharlal Nehru University  
School of Life Science  
New Delhi 110 067**

Project : **Targeted editing of host susceptibility factors to engineer multiple disease resistance in tomato.**

**A) Research Associate I (One)**

**Salary :** - @58000/- per month plus HRA (as per DBT rules and guidelines for RA-I).

**Essential Qualifications :** Ph. D in Life Sciences / Genetics / Botany/ Plant Pathology / Biochemistry / Biotechnology.

**Desirable Qualifications :** Research experience in the area of genome editing of plants / transgenic plant development / plant virus interactions / protein-protein interactions with at least 2 publications in peer-reviewed SCI/SCOPUS journals.

**B) Junior Research Fellow (One)**

**Salary :** - @37000/- per month plus HRA (as per DBT rules and guidelines for JRF).

**Essential Qualifications :** Master degree in Biological / Life Sciences with atleast 60% (or equivalent marks) or equivalent degree in any branch of biological/ Life sciences having qualified CSIR/UGC NET can apply.

**Desirable Qualifications :** Research experience in the area of genome CRISPR Cas9 Genome editing, plant virus interaction, of plants transgenic plant development / plant virus interactions / protein-protein interactions.

**C) Glass House Attendant (One)**

**Salary :** - @19279/- per month (as per DBT guidelines and approval).

**Qualifications :** Experience of working in a laboratory set up having expertise in maintaining plant growth facilities in green house and in tissue culture laboratory, maintaining laboratory facilities, experience of growing plants etc.

**Duration:** The Project will continue till May 2028. The above-mentioned positions are completely temporary and are co-terminus with the project. Appointed persons will be expected to stay in the lab for the entire period of the project.

**General information:-**

The competent authority may select candidate in the lower position against the above posts depending upon the qualifications and experience of the candidate and reserves the right to relax any of the qualification(s) in case the candidate is found otherwise well qualified by the Selection Committee.

Applications (soft copy only) are invited from suitable candidates to apply by sending a cover letter detailing experience, with CV, reprints and names with complete address (including e-mail) of three references **on or before June 25, 2025 by e-mail to :- virologylabslsju@gmail.com.**

**Prof. S. Chakraborty**  
School of Life Science  
New Delhi 110 067

**Jawaharlal Nehru University**  
**School of Biotechnology**

Applications are invited on a plain paper (or signed PDF file) for purely temporary positions in a research project entitled **“Investigating the Role of Prakriti in Human Host Pathogen interaction”** funded by Central Council for Research in Ayurvedic Sciences (CCRAS), New Delhi, India.

S. No	Name and Number of Post	Essential Qualification/Experience	Desirable Qualification/Age	Mont Salar
1.	Junior Research Fellow (JRF)	Candidate should possess 1st Division M.Sc. Degree in Biotechnology or Microbiology from a recognized university with or without NET/Gate qualified.	<ul style="list-style-type: none"><li>- Experience in <b>PBMC isolation from whole blood</b>, cell culture, stimulation, and downstream flow-based functional analysis.</li><li>- Strong foundation in <b>T cell biology</b>, immune cell phenotyping, and <b>T cell polarization assays</b> (e.g., Th1, Th2, Th17, Treg).</li><li>- Knowledge of computer application like MS office.</li></ul> <b>Upper age:</b> Not exceeding 30 years as on the date of the interview.	Rs. 37,000 p.m. + 27% HRA.
2.	Jr-Project Consultant	Candidates should possess 1st Division M.Sc. Degree in Biotechnology or Microbiology from a recognized university with 5 years' experience.	<ul style="list-style-type: none"><li>- Hands-on experience in operating and maintaining <b>flow cytometers</b> (e.g., BD, Beckman Coulter, Cytex, etc.).</li><li>- Proficiency in routine <b>instrument QC, calibration, troubleshooting</b>, and software platforms (e.g., FACSDiva, FlowJo, FCS Express).</li><li>- Demonstrated ability to <b>design, execute, and analyze multicolor flow cytometry panels</b>.</li><li>- Knowledge of computer application/software handling.</li><li>- Skill in drafting and editing of research proposals, technical reports &amp; articles etc.</li></ul> <b>Upper age:</b> Not exceeding 64 years as on the date of the interview.	Rs. 50,000 p.m.
3.	Jr-IT Consultant	Candidates should possess 1st Division Master Degree in relevant subjects from a recognized university with 5 years' experience OR Class M.Sc.-IT/MCA/B. Tech degree in relevant subjects from a recognized university with 5 years' experience.	<ul style="list-style-type: none"><li>- Expertise in ReactJS and React Native for frontend with backend using Python, Django and JavaScript's. Also have the knowledge of AWS.</li><li>- Skill in drafting and editing of research proposals, technical reports &amp; articles etc.</li><li>- Knowledge of computer application/software handling.</li></ul> <b>Upper age:</b> Not exceeding 64 years as on the date of the interview.	Rs. 50,000 p.m.

**Duration of the project:** The selected candidates will be appointed on a purely temporary basis, initially for one year and which is renewable for another year or till the duration of the project (15.03.2027), subject to the satisfactory performance of the candidate.

**How to Apply:** An application consisting of a cover letter and detailed CV (including details of educational and research accomplishments and research experience) should reach the undersigned as a soft copy. Applicants are required to specifically mention in the CV: Name, date of birth, contact details, essential/technical/professional qualifications, and experience details.

**NOTE:**

1. Shortlisted candidates will be invited for an interview (hybrid mode). Please note that no TA/DA will be paid for attending the interview.
2. Applicants are requested to send their CV to **email Id: infectiousdisease009@gmail.com**

**Application Deadline: 20 June, 2025.**

**Principal Investigator:**

**Prof. Rupesh Chaturvedi**

Professor, School of Biotechnology

Jawaharlal Nehru University

New Delhi-110067

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