

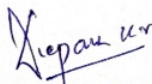
**Department of Botany  
Institute of Science**

Date: 22.05.2026

**Advertisement for the position of Junior Research Fellow (JRF)  
in a DBT-funded Project**

Applications are invited from eligible candidates for one (01) position of **Junior Research Fellow (JRF)** in a **Department of Biotechnology (DBT), Government of India, funded project under Dr. Deepak Kumar, Associate Professor, Department of Botany, Institute of Science, Banaras Hindu University, Varanasi.**

<b>Project Title</b>	<i>Decoding the Roles of Prion-Like SEUSS Proteins in Thermosensory Responses in Potato (<i>Solanum tuberosum</i>)</i>
<b>Project Description</b>	This project investigates the prion-like properties of the potato SEUSS protein (StSEU) and its role in thermosensory responses. The study integrates computational biology, molecular biology, yeast assays, and transgenic approaches to understand how StSEU regulates heat stress adaptation and developmental plasticity in potato.
<b>Funding Body</b>	Department of Biotechnology (DBT), Government of India (File No.: BT/PR59791/BSA/33/687/2025; BHU Project Code: P-07/1358)
<b>Host Laboratory</b>	Plant Engineering and Stress Adaptomics (PESA) Lab, Department of Botany, Institute of Science, Banaras Hindu University (BHU), Varanasi – 221005
<b>Name of Position</b>	Junior Research Fellow (JRF)
<b>Job Role</b>	The JRF will assist in experimental design, routine laboratory work, molecular biology experiments, plant handling, data analysis, and maintenance of laboratory records.
<b>Project Duration</b>	Three (03) years
<b>Fellowship</b>	Rs. 37,000/- per month + 18% HRA for the first two years (JRF) and Rs. 42,000/- per month + 18% HRA for the third year (SRF), as per DBT norms.
<b>Age Limit</b>	As per the DBT guidelines
<b>Essential Qualifications</b>	Applicants must have JRF, NET or GATE qualification and hold an M.Sc. degree in Botany / Biotechnology / Biochemistry / Applied Microbiology / Microbiology / Environmental Science / Plant Science / Life Science with at least 55% or equivalent marks. <i>Desirable Skills: Candidates with prior experience in molecular biology, plant tissue culture, plant transformation, bioinformatics or related laboratory techniques will be preferred.</i>
<b>Last Date of Application</b>	<b>12th June 2026, 11:59 PM</b>



**Dr. Deepak Kumar**  
Associate Professor  
Department of Botany  
Institute of Science  
Banaras Hindu University  
Varanasi-221005, India

**Dr. Deepak Kumar**  
(Principal Investigator)

**Procedure to Apply for the JRF Position**

1. Interested candidates are requested to submit their applications **online** through the application portal.

[Click here](#) to apply or visit [www.plantadaptomicslab.com](http://www.plantadaptomicslab.com)



**Scan this QR to apply online**

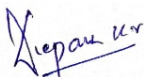
*(Note: Mobile users are requested to switch to desktop view for better user interface)*

2. The following documents need to be uploaded for online application:
  - i. Self-Attested copies of all relevant educational, JRF/NET/GATE and experience certificates (if any).
  - ii. Recent passport-size photograph and scanned signature.
3. **The application is liable to be rejected if any of the above documents are missing.**

For more information you can contact by email at [pesa.lab.bhu@gmail.com](mailto:pesa.lab.bhu@gmail.com) or [deepakkumar@bhu.ac.in](mailto:deepakkumar@bhu.ac.in) .

**Note:**

1. Mere possession of the prescribed qualification does not ensure that the candidate will be called for an interview. Candidates will be shortlisted based on merit and the needs of the project.
2. Shortlisted candidates will be informed about the interview schedule by e-mail. Candidates must therefore provide a valid e-mail address and a mobile number in their applications.
3. Shortlisted candidates must appear in person (offline) for the interview on the scheduled date with an updated CV along with original and self-attested photocopies of mark sheets/certificates in support of their academic qualifications. **Online mode of interview may also be considered on proper justification.**
4. The applicant will be solely responsible for the authenticity of the information, documents, and photographs submitted.
5. The University reserves the right to accept or reject any application at any time during the entire tenure of the project.
6. **No TA/DA will be paid for appearing in the interview.**
7. The association between the PI and the selected candidate may be discontinued at any time by giving one month's notice in writing, either by the PI to the candidate or by the candidate to the PI.
8. The appointment will be purely temporary and on a contract basis. The initial appointment will be for one year and may be extended up to the duration of the project (maximum up to three years), subject to satisfactory performance.



**Dr. Deepak Kumar**  
Associate Professor  
Department of Botany  
Institute of Science  
Banaras Hindu University  
Varanasi-221005, India

**Dr. Deepak Kumar**  
(Principal Investigator)