



**Research & Development Cell (RDC)**  
**BIRLA INSTITUTE OF TECHNOLOGY**  
MESRA, RANCHI, 835 215, INDIA  
(Deemed University u/s 3 of UGC Act 1956)

**DEPARTMENT OF BIOENGINEERING & BIOTECHNOLOGY**

Advertisement for the post of Junior Research Fellow (JRF)

Applications are invited from Indian nationals for the post of Junior Research Fellow (JRF) in a project sponsored by the Science & Engineering Research Board (SERB), DST, Government of India, New Delhi, for a period of three years.

Position	Junior Research Fellow (JRF)
No. of vacancy	01
Department	Department of Bioengineering & Biotechnology
Name of the project	<b>“Unraveling the roles of wheat and Puccinia triticina microRNAs through Dual RNA-sequencing during leaf rust infection and characterization of microRNA-encoded peptides associated in the process”</b>
Principal Investigator (PI) Along with e-mail id	Dr. Kunal Mukhopadhyay Professor, Department of Bioengineering & Biotechnology, BIT Mesra, Ranchi. Email id- <a href="mailto:kmukhopadhyay@bitmesra.ac.in">kmukhopadhyay@bitmesra.ac.in</a>
Details of Co-PI	Dr Manish Kumar Associate Professor, Department of Bioengineering & Biotechnology, BIT Mesra, Ranchi. Email id- <a href="mailto:manish@bitmesra.ac.in">manish@bitmesra.ac.in</a>
Duration of the project	03 years
Essential qualifications:	M.Sc. (Biotechnology/Botany) or M. Tech. (Biotechnology), with valid National Eligibility Tests - CSIR-UGC NET certificate (including lectureship) or GATE. <b>(M.Sc. or M. Tech. students may be considered at reduced fellowship as per norms.)</b>
Desirable field of specialization	Knowledge of Molecular biology and Bioinformatics.
Designation	Junior Research Fellow (JRF)
No. of Positions	One
Fellowship	For JRF having valid NET/ Gate certificate% ₹ 37,000/- per month Plus 18% HRA (first two years) and then ₹ 42,000/- per month Plus 18% HRA (for third year).
Interview Date	<b>Shortlisted candidates will be notified by email.</b>

- **How to apply:** Interested candidates are requested to send their CV to [kmukhopadhyay@bitmesra.ac.in](mailto:kmukhopadhyay@bitmesra.ac.in) and [manish@bitmesra.ac.in](mailto:manish@bitmesra.ac.in) with a copy to [dr.aac@bitmesra.ac.in](mailto:dr.aac@bitmesra.ac.in) on or before **05<sup>th</sup> October 2024**. The CV should be submitted in the attached template and must include the mail ID and working phone number.
- The candidates will be shortlisted for online/offline interviews based on their academic and professional background and will be intimated through email stating the date and time for the interview.
  - **Terms and Conditions:**
    - i. The decision of the selection committee will be final.
    - ii. The appointment of the candidate will be governed by the terms and conditions of the Institute/ funding agency particularly applicable to the said project as and when required.
    - iii. The post is purely temporary in nature and subject to the availability of funds.
    - iv. No TA/DA will be paid for attending the interview.
    - v. After two years, the JRF may be upgraded to SRF by an external assessment by the institution where the student is enrolled for a PhD. The fellow may be awarded SRF after a successful assessment.

*Handwritten signature*  
Registrar  
18/09/2024

## APPLICATION

### [A] Personal Details

<i>[As mentioned in Matriculation Certificate]</i>	
1. Name of the Candidate	:
2. Mother's Name	:
3. Father's Name	:
4. Husband's Name (in case of married female)	:
5. Gender	:
6. Category	:
7. Telephone/Mobile Number	:
8. Email Address	:
9. Date of Birth	:

### [B] Complete Mailing Address

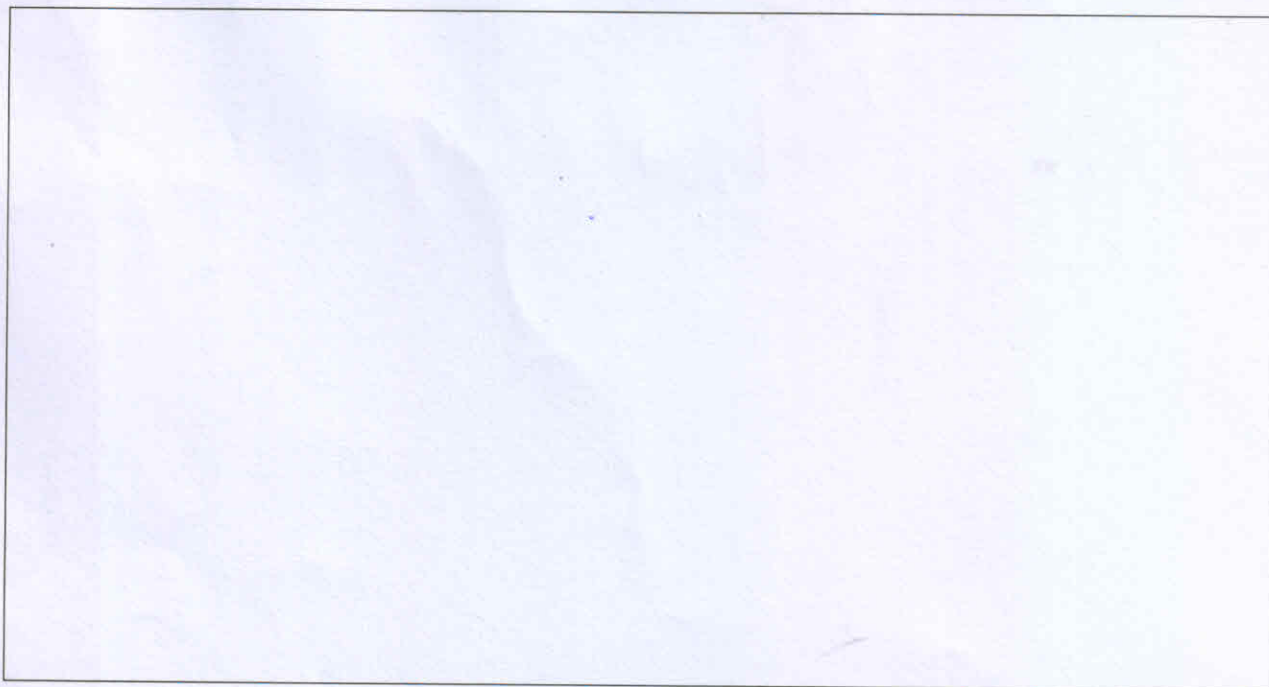
Corresponding Address	Permanent Address
Address :	Address :
City :	City :
Pin Code :	Pin Code :
State :	State :

### [C] Educational Qualifications

Name of Exam	Subjects	Name of Board/University /School/Institute	Year of Passing	Percentage/ Grade/CGPA /Score
High School (10 <sup>th</sup> Standard)				
Intermediate (12 <sup>th</sup> Standard)				
Graduation (B.Sc./ B.Tech )				
Post-Graduation (M.Sc./M.Tech)				
NET/GATE Score				



**[D] Research Experience (Maximum 200 words)**

A large, empty rectangular box with a thin black border, intended for the candidate to write their research experience. The box is currently blank.

**[E] Awards/ Research publications (If any)**

A large, empty rectangular box with a thin black border, intended for the candidate to list any awards or research publications. The box is currently blank.

**Photo and Signature of the Candidate**