



**Birla Institute of Technology & Science, Pilani**  
**Pilani Campus**  
Grants Consultancy and Industrial Research (GCIR)

### CALL FOR RESEARCH STAFF(JRF) POSITION

**Date: 28.10.2025**

**About:** Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project sponsored by the **CSIR** (37WS(0108)/2023-24/EMR-II/ASPIRE) for a temporary period purely on contractual basis as per the following details:

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Position:</b>                    | Junior Research Fellow (JRF)                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Number of Vacancy:</b>           | 01                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Project Title:</b>               | <i>"Understanding the therapeutic potential of modulating endoplasmic reticulum ER stress and autophagy in human brain cancer cells undergoing epithelial to mesenchymal transition EMT"</i>                                                                                                                                                                                                     |
| <b>Funding Agency:</b>              | CSIR                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Principal Investigator (PI):</b> | Dr. Sudeshna Mukherjee, Department of Biological Sciences, Cancer Biology Lab                                                                                                                                                                                                                                                                                                                    |
| <b>Project Tenure:</b>              | 3Years                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Job Description:</b>             | The candidate will study the effect of small molecule inhibitors on modulating autophagy and ER stress on cancer cell metastasis. He/she will also write research papers in indexed journals, conferences, and patents.                                                                                                                                                                          |
| <b>Qualification:</b>               | First class in Master's Degree with specialization in Cancer Biology/Epigenetics/Molecular Biology/Cell Biology/ Nanoscience and Nanotechnology from a recognized University with good knowledge of molecular biology + GATE/NET qualified ONLY<br><b>MUST HAVE: GATE/NET qualified</b><br><i>Desirable: Research experience in handling cell culture and associated molecular biology assay</i> |
| <b>Upper Age Limit:</b>             | Age not exceeding 28 years.                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Age Relaxation</b>               | The Upper age limit is relax-able up-to 5 Years in case of candidate belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates                                                                                                                                                                                                                                       |
| <b>Fellowship:</b>                  | 37,000/- per month for <b>GATE/NET-qualified candidates only.</b>                                                                                                                                                                                                                                                                                                                                |
| <b>Registration for PhD.:</b>       | Selected candidates may be permitted to register for the PhD program of BITS Pilani subject to fulfilling the requirements of the PhD qualification process as per the institute norms.                                                                                                                                                                                                          |

#### How to Apply:

Applications along with updated CV should be sent through mail to [sudeshna@pilani.bits-pilani.ac.in](mailto:sudeshna@pilani.bits-pilani.ac.in) with subject line as – **'Application for JRF- CSIR Project'**

Shortlisted candidates will be informed of the interview which will be conducted through online mode. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirements of the project.

**Please note that only qualified and suitable candidates will be called for an interview.**

**Application Deadline: 8 November 2025**

**Contact Email: [sudeshna@pilani.bits-pilani.ac.in](mailto:sudeshna@pilani.bits-pilani.ac.in)**

