



# Birla Institute of Technology & Science, Pilani

## Hyderabad Campus

### CALL FOR JUNIOR RESEARCH FELLOW FOR A DST INDO-ITALY JOINT RESEARCH PROGRAMME

Date: 10/06/2026

Applications are invited from suitable candidates for a **Junior Research Fellow (JRF)** position to work on the following project sponsored by **DST Indo-Italy Joint Research Programme**, under the supervision of **Prof. Bibhas Roy**, Department of Biological Sciences, **BITS-Pilani, Hyderabad Campus**, India with collaboration of **IFOM (The AIRC Institute of Molecular Oncology), Milan, Italy**

<b>Title of the project:</b>	<b>Identification of Crosstalk Between Mechanical Stimuli and Small GTPases to Enhance Aged Alveolar Macrophage Immunoeficiency</b>
<b>Duration of the project:</b>	Three years,
<b>Project position:</b>	One Junior Research Fellow position
<b>Fellowship amount:</b>	Rs. 37,000/- per month (Years 1–2) and Rs. 42,000/- per month (Year 3) for NET/GATE or any national level examination qualified candidates. 30% HRA will be provided as applicable.

#### Eligibility requirements:

- **Educational Qualification:** M.S./M.Sc./M.Tech. or equivalent degree in Life Sciences, Biomedical Engineering or related disciplines with a minimum of 60% marks (or equivalent CGPA).
- **National-Level Qualification:** Preference will be given to candidates who have qualified NET/GATE or any other recognized national-level examination.
- **Research Experience:** Candidates with prior experience in cell biology, microscopy, molecular biology, or animal handling will be given preference.
- **Research Interests:** A strong interest in aging research, lung diseases, mechanobiology, high-resolution microscopy, and translational research is highly desirable.
- **Communication Skills:** Ability to work effectively in a team, with strong scientific writing and communication skills. Willingness to engage in close collaboration, including international collaborations.
- **Technical Skills:** Basic knowledge of image analysis and familiarity with programming languages such as Python or R is desirable but not mandatory.

The selected candidate will closely collaborate with and make research visits to **IFOM (The AIRC Institute of Molecular Oncology), Milan, Italy**. Interested and eligible candidates should apply through the Google Form: <https://forms.gle/q7KtcQ3CNmPSq4wT6> by 20th June, 2026. Please note that only qualified and suitable candidates will be called for an online interview (Google Meet), tentatively in the last week of June 2026. No TA/DA will be paid for the interview. Shortlisted candidates will be mailed with the date and time. Selected candidate may be permitted to register for the Ph.D. program of BITS, Pilani, subject to the fulfillment of the requirements.

**Prof. Bibhas Roy**, Assistant Professor (PI)

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