



# Birla Institute of Technology & Science, Pilani

## Hyderabad Campus

### CALL FOR JUNIOR RESEARCH FELLOW FOR AN ANRF PROJECT

Date: 14/06/2025

Applications are invited from suitable candidates for a **Junior Research Fellow (JRF)** position to work on the following project sponsored by **Anusandhan National Research Foundation (ANRF)**, under the supervision of **Prof. Bibhas Roy**, Department of Biological Sciences, **BITS-Pilani, Hyderabad Campus**, India.

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| <b>Title of the project:</b>     | <b>Impact of age-related tissue stiffness on lung alveolar response to PM2.5 air pollutant: uncovering mechanoregulation in COPD and IPF development"</b>  |
| <b>Duration of the project:</b>  | Three years  |
| <b>Project position:</b>         | One Junior Research Fellow position  |
| <b>Fellowship amount:</b>        | 37,000/- (for the first two years) and Rs 42,000 (from third year) per month for NET/GATE or any national level examination qualified candidates. 30% HRA will be provided as applicable.  |
| <b>Eligibility requirements:</b> | <ul style="list-style-type: none"><li>• <b>Educational Qualification:</b> M.S./M.Sc./M.Tech. or equivalent degree in Life Sciences or related disciplines with a minimum of 60% marks (or equivalent CGPA).</li><li>• <b>National-Level Qualification:</b> Preference will be given to candidates who have qualified NET/GATE or any other recognized national-level examination.</li><li>• <b>Research Experience:</b> Candidates with prior experience in cell biology, microscopy, molecular biology, or animal handling will be given preference.</li><li>• <b>Research Interests:</b> A strong interest in aging research, lung diseases, mechanobiology, high-resolution microscopy, and translational research is highly desirable.</li><li>• <b>Communication Skills:</b> Ability to work effectively in a team, with strong scientific writing and communication skills. Willingness to engage in close collaboration, including international collaborations.</li><li>• <b>Technical Skills:</b> Basic knowledge of image analysis and familiarity with programming languages such as MATLAB or Python is desirable but not mandatory.</li></ul> |

Interested candidates with the above-mentioned qualifications can send the applications with their CVs, educational qualifications, marksheets, GATE/NET scorecard, research experience, and published research papers if any, by **25<sup>th</sup> June 2025** (last date) to the Principal Investigator, Prof. Bibhas Roy ([bibhas.roy@hyderabad.bits-pilani.ac.in](mailto:bibhas.roy@hyderabad.bits-pilani.ac.in)) via email (Subject: ANRF JRF position). Please note that only qualified and suitable candidates will be called for an interview through Google Meet/in-person, tentatively in the first week of July. 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)

Web: <https://www.bits-pilani.ac.in/hyderabad/prof-bibhas-roy/>



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