



Birla Institute of Technology & Science, Pilani

Pilani | Dubai | Goa | Hyderabad

Call for Project Research Scientist I under an ICMR-funded project

Applications are invited for the position of **one Project Research Scientist I** in the Department of Biological Sciences at BITS Pilani, Hyderabad Campus, Hyderabad, for an ICMR-sponsored research project titled **“A target-guided approach for design, synthesis, and screening of host-directed therapies for TB and associated metabolic disorders (PCOS) in women.”**

The relevant details of the project are:

Principal Investigator: Dr. Ruchi Jain Dey, BITS Hyderabad

Co-Principal Investigator: Dr. Arnab Banerjee, BITS Goa, and Dr. KVG Chandra Sekhar, BITS Hyderabad

Broad area of Research: Metabolic disorder

Duration of the project: 2 Years

Fellowship Amount: Project Research Scientist I: ₹ 56,000 PM + 27% HRA (as applicable)

(Per month- for first year) & 5% increase in salary in the second year

Accommodation: Hostel accommodation for the **RA** is subject to availability and will be governed by the rules and regulations of the Institute prevailing at the time of the candidate's joining.

Qualification: We seek a highly motivated and recently graduated PhD candidate to join our interdisciplinary research team as a Research Associate. The ideal candidate will have a strong foundation in Life Sciences and a deep understanding of molecular biology, biochemistry, and microbiology.

Eligibility Criteria: PhD in Life Sciences, Zoology, Animal Biotechnology, Biochemistry, or MVSc from a recognized institution. Strong grasp of molecular biology, gene regulation, signal transduction, biochemistry, and microbiology.

Preferred Skills & Experience: Hands-on experience in microbiology, *in vitro* techniques including mammalian cell culture, Experience in *in vivo* rodent handling and experimentation, and molecular biology and biochemistry techniques. Proficiency in data handling, use of bioinformatic tools, and data visualization is much. A demonstrated ability to work independently as well as collaboratively within a multidisciplinary team and write manuscripts. Familiarity with transcriptomics (RNA-seq workflows, data analysis) would be great, but not a prerequisite for selection.

Desirable Qualities: Excellent documentation and communication skills. Prior publications or contributions to peer-reviewed research. Strong analytical and problem-solving skills.

How to Apply: Interested candidates with the eligibility requirements mentioned above can send their CVs giving detailed information about their educational qualifications, research experience, and published research papers, if any, by 10th May 2025, to **Dr. Ruchi Jain Dey** via email: ruchij80@hyderabad.bits-pilani.ac.in. The interview will be tentatively held **ONLINE** via Google Meet in the second week of **May**. The interview schedule will be sent to candidates via email. Only qualified and suitable candidates will be called for the online interview.

