



Birla Institute of Technology and Science, Pilani

Hyderabad Campus

Department of Biological Sciences

CALL FOR JRF Position supported by DRDO-LSRB

Date: 08th June, 2026

Applications are invited from suitable candidates for **JRF** position leading to PhD (if found satisfactory) to work on the project "**Establishment of intestinal organoid model to decipher the functional significance of host gut microbiota derived bile acids in conferring protection against radiation induced intestinal stem cell damage impacting barrier integrity**" sponsored by DRDO-LSRB under the supervision of Dr. Trinath Jamma, **Department of Biological Sciences, BITS-Pilani, Hyderabad campus.**

Title of the project: Establishment of intestinal organoid model to decipher the functional significance of host gut microbiota derived bile acids in conferring protection against radiation induced intestinal stem cell damage impacting barrier integrity

Project position and number: JRF (One)

Fellowship amount: Rs. 37,000/- + 30% HRA/ month (based on eligibility)

Eligibility requirement: MTech/M.E./M.Pharm/M. Sc. with 1st Class in Biochemistry/Life Sciences/Biological Sciences (from recognized university) with valid GPAT/GATE/Net Qualified. Candidates with CSIR/UGC-JRF, DBT-JRF, INSPIRE are also encouraged to apply.

Desirable: Cell culture, Molecular Biology & Biochemistry techniques, Imaging Techniques, Mouse Handling, Bioinformatic Tool based data analysis. Good hands on experience with fluorescence and confocal microscopy is highly preferred

Start Date: As early as possible

Interested candidates with the above-mentioned qualification can send the detailed information about the educational qualifications, research experience and published research papers (if any), by **13th June, 2026 5.00pm in the below given google form (<https://forms.gle/NnVWcz1U9HZwfKst8>)**. **You can also write to Dr. Trinath Jamma (PI) via email: trinath@hyderabad.bits-pilani.ac.in to discuss more on the project related objectives.** Please note that only qualified and suitable candidates will be called for interview (online mode/in-person) to be held at BITS-Pilani, Hyderabad Campus. Interested candidates with own fellowships (CSIR/UGC-JRF, DBT-JRF, ICMR-JRF, INSPIRE) are also encouraged to write to the PI to find out more on the other projects available to accommodate Ph.D. aspirants. **Note:** The PI and Institute reserve the right to terminate the engagement of the project staff at any time, if the performance is not satisfactory. Candidates will be short listed for the interview based on merit requirements of the project. The date and time of interview will be informed via email. Based on the performance, the student will be encouraged to register into Ph.D programme if interested

Principle Investigator:

Dr. Trinath Jamma

Associate Professor

Room No: B-225, Block B

Department of Biological Sciences

Jawahar Nagar, Shameerpet Mandal

Hyderabad- 500 078, Telangana.

Email: trinath@hyderabad.bits-pilani.ac.in

Phone: 040 66303658