



Birla Institute of Technology & Science, Pilani

Hyderabad Campus

CALL FOR JUNIOR RESEARCH FELLOW IN ISRO RESPOND PROJECT

Date: 06/08/2026

Applications are invited from suitable candidates **for one Junior Research Fellow (JRF) position** to work on the following project sponsored by **ISRO** under the supervision of **Dr. Arnab Guha (PI)**, Dept of Mechanical Engineering; **Dr. Parikshit Sahatiya (Co-PI)**, Dept of EEE and **Dr. Brajesh Kumar Panigrahi (Co-PI)**, Dept of Mechanical Engineering.

Title of the project: Development of Thrust Measurement System (TMS) for measuring pulse mode thrust for pulse width in the range of 8ms/16ms/32ms/64ms etc

Duration of the project: 24 months

Project position and number: Junior Research Fellow (1)

Fellowship Amount: Consolidated amount of Rs. 48,100 per month including HRA as applicable.

Eligibility requirements:

- M.E./M.S./M.Sc./M.Tech or equivalent degrees in Mechanical Engineering with specialization in Design or Manufacturing/Applied Mechanics/Semiconductor Technology/Micro-Electro-Mechanical Systems (MEMS)/Physics and allied areas with at least 60% marks.
- Candidate must have a valid GATE or CSIR-UGC NET including lectureship (Assistant Professorship) score or M.E./M.S./M.Sc./M.Tech degree from IIT/NIT/IIEST/IISER or any Centrally Funded Technical Institute (CFTI)
- Knowledge on ANSYS/COMSOL based simulations and/or semiconductor device fabrication is desirable.
- Basic knowledge of software including MATLAB and LabVIEW etc is an added advantage.

How to apply: Interested candidates must upload their CV, academic transcripts, and a brief statement of research interest (single pdf file) to the below-mentioned link before or on **19th August, 2026**

<https://forms.gle/NREjs4ESJ32wCFvM7>

Please note that only qualified and suitable candidates will be called for an online interview in the **fourth week of August 2026**. The selected candidate may be permitted to register for the Ph.D. programme at the BITS, Pilani, Hyderabad campus, subject to fulfilling the institutional eligibility criteria and requirements.

For any query regarding the application for JRF position, you may contact on email or office phone number provided below

Dr. Arnab Guha (**Principal Investigator**)

Assistant Professor, Mechanical Engineering Department, BITS Pilani Hyderabad Campus

Contact mail-id (PI): guha.arnab@hyderabad.bits-pilani.ac.in

Phone: +91-40 66303716

URL (PI): <https://www.bits-pilani.ac.in/hyderabad/arnab-guha/>



Birla Institute of Technology & Science, Pilani
Hyderabad Campus, Jawahar Nagar, Kapra Mandal
Hyderabad 500078, Telangana, India

Tel: +91 40 6630 3997
Fax: +91 40 6630 3998
Web: www.hyderabad.bits-pilani.ac.in