



Birla Institute of Technology and Science, Pilani

Hyderabad Campus

CALL FOR JUNIOR RESEARCH FELLOW **IN ISRO RESPOND PROJECT**

Date: 27-02-2025

Applications are invited for the positions of Junior Research Fellow to work on the following project sponsored by **ISRO** under the supervision of **Dr. Amit Kumar Gupta (PI)** and **Dr. G Pardha Saradhi (Co-PI)**, Dept. of Mechanical Engineering.

Title of the project: RES-URSC-2023-008: Characterization & training of indigenously developed Ni-Ti based Shape Memory Alloy (SMA) for spacecraft application.

Brief Description: The research work would involve thermo-mechanical characterization, testing, training, shape setting and demonstration of the shape memory effect using indigenously manufactured NiTiNOL wire for the aerospace applications.

Duration of the project: Two years

Project position and number: Junior Research Fellow – 1 position

Fellowship amount: Rs. 37,000/- + 30 % HRA per month

Eligibility requirements: M.E. / M.Tech. / M.S. in Mechanical / Applied Mechanics / Engineering Design / Electrical and Electronics / Materials Science or in relevant areas. An exceptionally good candidate with B.E. / B.Tech. degree is encouraged to apply. Candidates with publication(s) will be given priority and GATE will be an add-on advantage.

Interested candidates with the above-mentioned qualifications can apply for the position on the following [Google Form Link](https://forms.gle/7kSixoA43fvXcTYFA) (<https://forms.gle/7kSixoA43fvXcTYFA>) before **April 7, 2025**. Please note that only qualified and suitable candidates will be called for an interview to be held online in the third week of March 2025. Selected candidates will also get the opportunity to register for the Ph.D. program of BITS, Pilani, subject to the fulfillment of the requirements.

For any query regarding the application, please contact:

Dr. Amit Kumar Gupta (PI) Professor, Mechanical Engineering Department, BITS Pilani Hyderabad Campus, Email Id: akgupta@hyderabad.bits-pilani.ac.in Phone: +91-40 66303518 URL: https://web.bits-pilani.ac.in/hyderabad/akgupta/Profile	Dr. Pardha Saradhi G V (Co-PI) Assistant Professor, Mechanical Engineering Department, BITS Pilani Hyderabad Campus, Email Id: pardhasg@hyderabad.bits-pilani.ac.in Phone: +91-40 66303618
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