Birla Institute of Technology & Science, Pilani
K K Birla Goa Campus

Research staff position under DRDO- ARMREB funded project

Applications are invited for the position of Junior Research Fellow (JRF) in the Department of Mechanical Engineering at BITS Pilani, K. K. Birla Goa Campus, Goa for a DRDO- Armaments Research Board (ARMREB) sponsored research project titled “Development of High Damping Shock Isolator for Optronics Signs of ATAGS” (ARMREB/ADMB/2025/309).

Principal Investigator: Prof. Devendra G. Patil (Profile Link)

Co-Principal Investigator: Prof. Sandeep Jose (Profile Link)

Broad area of Research: Design Engineering, Vibration Controls, Smart Materials, System Dynamics

Duration of the project: 1 year (9 months) followed by PhD conversion

Fellowship Amount (Rs.): 37,000 pm + 20% HRA

Accommodation: Hostel accommodation will be provided subject to availability and will be governed by the rules and regulations of the Institute prevailing at the time of joining of the candidate.

Qualification: Post Graduate Degree (M.E./M.Tech./M.S.) in Mechanical Engineering/Aerospace Engg/Materials Engg/Computational Mechanics. GATE qualified preferred. (Candidates who have not appeared in the above examinations may still be considered for the position.)

Required Skills: Mechanical Engineering Fundamentals, Fundamental knowledge of Design Engineering, Vibration Controls, Smart Materials, System Dynamics, Finite Element Method and Numerical Analysis.

Desirable Skills: Candidate should have basic knowledge of instrumentation, programming and problem-solving skills.

Benefits: - Opportunity to work with industrial/academic collaborators and hone the research skills. Opportunity to accelerated doctoral study. Training in development of next generation damping systems for real life engineering problems. The selected candidate will be encouraged to apply for a full-time Ph.D. program at BITS Pilani, K. K. Birla Goa Campus, as per the institute norms

How to Apply: Interested candidates may send application and curriculum vitae (CV) with details of research experience to the principal investigator (email: **devendrap@goa.bits-pilani.ac.in** / **2025pdf007@goa.bits-pilani.ac.in**) by **11th Nov 2026** with email subject line starting with "JRF Application - subject". Only shortlisted candidates will be contacted via e-mail for online/personal interview to be held at BITS Pilani, Goa Campus and no TA/DA will be paid for the Interview.

