



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

Research Associate position under DRDO- ARMREB funded project

Applications are invited for the position of Research Associate 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

Fellowship Amount (Rs.): 61,000 pm + 20% HRA

Accommodation: Hostel accommodation will not be provided to Research Associate by Institute.

Qualification: PhD in Mechanical Engineering. Candidates who have submitted their PhD thesis may also apply. However, the RA post shall be awarded only after the candidate has been awarded the degree or provisional thesis submission certificate.

OR

ME/MTech in Mechanical Engineering with 3 years of experience in research or design and development or teaching industry/ Academia, along with at least one research paper in a Science Citation Indexed (SCI) Journal.

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

Desirable Skills: Candidate should have Instrumentation, Programming and Problem-solving skills.

Benefits: - Opportunity to work with industrial/academic collaborators and hone the research skills.
- Training in development of next generation damping systems for real life engineering problems.

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) by **04th Sept 2025**. 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.

