



**BITS Pilani – Defence Institute of Advanced Technology (DIAT), Pune Collaborative
Ph.D. Position**

Date: 29/07/2026

Applications are invited from interested and motivated candidates for a fully funded PhD position under the BITS Pilani – DIAT Pune collaborative Ph.D. program to work in the following project entitled **“Design and Control of Reconfigurable Spherical Robot for Multi-Terrain Applications”** under the supervision of **Prof. Ponnalagu R N** and **Prof. Joyjit Mukherjee** (Supervisors from BITS Pilani, Hyderabad Campus) [URL: <https://sites.google.com/hyderabad.bits-pilani.ac.in/coraslub>] and **Prof. Soumya S** (Co-supervisor from DIAT, Pune).

The project will involve design, modeling, control, prototyping, testing, and field deployment of a reconfigurable spherical robotic system capable of robust operation across diverse and challenging terrain conditions at the CoRAS Lab

Number of Vacancy	01
Essential Qualification	M.E. / M.Tech. / M.S. in Engineering or allied disciplines from a recognized university.
Desired Skills	Candidates should be interested in CAD Modeling, Robot design, FEM analysis, embedded system. Candidate should also be willing to learn experimental techniques.
Fellowship	₹ 37,000 + 30% HRA = ₹ 48100 per month Annual Contingency: ₹ 20,000/-
Age Limit	28 Yrs.

How to apply: Interested candidates meeting the above-mentioned qualifications are requested to apply by submitting their CV and a Cover Letter through the Google Form (<https://forms.gle/JniP6NVk47FsLLub9>) by **10th August 2026**. Please note that only shortlisted candidates will be called for online interviews. The interview schedule will be sent to candidates via email. Selected candidates will be registered for the Ph.D. program subject to the fulfilment of the requirements of the Ph.D. qualification process as per academic guidelines of BITS Pilani.

Notes:

1. The student will be registered at BITS Pilani and, upon successful completion of all programme requirements, the PhD degree will be awarded by BITS Pilani.
2. The duration of the Ph.D. student's stay at DIAT Pune will be mutually decided by the supervisor and Co-Supervisor based on the requirements of the research work. However, student is expected to spend at least 6 months, which could be extended to 24 months at DIAT Pune during the course of the PhD program.
3. For any queries regarding the position, please feel free to email the supervisor (ponnalagu@hyderabad.bits-pilani.ac.in).
4. No TA/DA will be paid for attending the interview.

