



Birla Institute of Technology & Science, Pilani

K K Birla Goa Campus

CALL FOR RESEARCH STAFF (Research Associate I)

Application Deadline: 25th Nov 2025

Date: 30th Oct 2025

Applications are invited from highly motivated candidates for the position of **Research Associate I (RA - I)** in the **Department of Chemical Engineering**, BITS Pilani, K. K. Birla Goa Campus, Goa, to work on a **time-bound research project** sponsored by **ISRO**, titled “*Two-Phase Flow Modeling in Cryogenic Propellant Feed Lines*” (Project No. RAC-S/FRP/25-26/11). The appointment will be **purely on a contractual basis**.

Position	Research Associate I (RA - I)	Vacancy	1
Funding Agency	ISRO, Government of India	Duration	1 year, extendable to the 2 nd year based on performance
Fellowship	Rs. 8,35,200/- per year (no HRA)	Principal Investigator	Prof. Sundari R Department of Chemical Engineering
Project Description	Development of a 3D mathematical model to predict chill-down times in cryogenic LOX feedline by integrating fluid flow and conjugate heat transfer models, incorporating heat transfer correlations for various flow boiling regimes.		
Desired Skillset	Profound knowledge in fluid mechanics and heat transfer, with expertise in mathematical modeling and numerical simulation.		
Qualification	PhD in Chemical/ Mechanical/ Civil/ Environmental Engineering/ Basic sciences or equivalent degree or having 3 years of research, teaching and design and development experience after ME / MTech with at least one research paper in Science Citation Indexed (SCI) journal.		

How to Apply:

Interested candidates may apply using the link: <https://forms.gle/3yYcmPhdvATqKzi68> by **25th Nov 2025, 23:59 IST**. Candidates must attach their recent curriculum vitae with details of research experience(s) while filling the form. For queries, contact PI via email: sundarir@goa.bits-pilani.ac.in. Candidates will be shortlisted based on merit and as per the project requirement. Only shortlisted candidates will be contacted via e-mail for an online/personal interview to be held at BITS Pilani- K K Birla Goa Campus. No TA/DA will be paid for the Interview.

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.

