



03 July 2025

Notification for Recruitment of Junior Research Fellow, Mechanical Engineering
Project funded by ISRO

Ref: IITPKD/2025/028/ME/SAC

- **Project / Research Areas:** Identification and characterization of thermal interface materials (TIMs) for cryogenic temperature in the range of 4 to 100 K to reduce thermal contact resistance between metal joints.
- **Skills Required:** Good background knowledge in heat transfer, experience of working with thermo-vacuum systems and cryogenic systems, good analytical, numerical and experimental skills related to heat transfer problems, should be capable of independently developing heat transfer experimental setup, good knowledge of MATLAB, COMSOL Multiphysics, ABAQUS, LaTeX.
- **Recommended Eligibility:** M.Tech. in the area of fluid thermal, energy systems engineering with GATE qualified.
- **Age:** Candidates who are not exceeding 31 years of age, as on the closing date of application, with relaxation to candidates belonging to OBC/ SC/ ST/ PWD categories and women applicants as per Government of India norms.
- **Appointment Duration:** Initially for a period of 1 year. Can be extended based on the candidate's performance in the project.
- **No. of Positions:** One
- **Salary Particulars:** The monthly remuneration for this position will be Rs. 37,000/- (Thirty-Seven Thousand Rupees only). Hostel accommodation may be provided at the institute based on availability on a chargeable basis. In case of non-availability of institute hostel, admissible HRA will be provided as per Government of India rules.
- **Deadline for application:** 13 July 2025 (Sunday)

Candidates satisfying the required skills may send their resumes and certificates pertaining to educational qualifications starting from class X (in a single PDF) to “samarjeet@iitpkd.ac.in”. The subject of the application e-mail should be “Application for Junior Research Fellow - IITPKD/2025/028/ME/SAC”. The candidate is expected to join immediately after receiving the offer letter.
