



भारतीय प्रौद्योगिकी संस्थान भिलाई

जिला-दुर्ग, छत्तीसगढ़-491001

Indian Institute of Technology, Bhilai

Dist.- Durg, Chhattisgarh - 491001

Website: www.iitbhilai.ac.in

Annexure - II

Advertisement for the posts of Junior Research Fellow (JRF) in ISRO funded Research Project

Applications are invited from Indian nationals for the position of JRF in a ANRF funded research project with the following details:

Title of the Project: Flying Robot for Zero-gravity Air Environment Inside Space Station

Project Team

- **Principal Investigator:** Dr. Kedarisetty Siddhardha, Assistant Professor, Department of Mechatronics Engineering, Indian Institute of Technology (IIT) Bhilai, Chhattisgarh- 491001.
- **Co-Principal Investigator:** Dr. Saikat Sahoo, Assistant Professor, Department of Mechatronics Engineering, Indian Institute of Technology (IIT) Bhilai, Chhattisgarh-491001.
- **Co-Principal Investigator:** Dr. Purnendu Das, Assistant Professor, Department of Mechanical Engineering, Indian Institute of Technology (IIT) Bhilai, Chhattisgarh-491001.

Project Brief

This project aims to develop a assisting drone for Space Stations. This project involves conceptualization and realization of a suitable drone prototype. The skill set involves in executing the project requires CAD modelling, Control system design, and sensor integration.

Position Details

- **Name of the position:** Junior Research Fellow
- **Number of positions:** 1
- **Essential qualifications:** Post Graduate Degree in Basic Science OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following:
 - a) Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.
 - b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc.
- **Desirable:** a) Strong Base in 10th and 12th class maths, b) Fundamentals of Control Systems, c) Basics of MATLAB, and d) Python
- **Age limit:** As per norms
- **Salary:** Rs. 37,000 + HRA (20%) per month
- **Duration:** 12 months (provision for extension and increment on performance review).
- **Role:** Assist in simulation studies, UAV experiments, and project documentation.



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How to apply: Interested candidates must apply on the application form attached with this advertisement. **Duly completed application form along with candidate's resume** must be mailed or emailed to the PI so as to reach him by 26/08/2026. Only shortlisted candidates will be called for interview. The positions are available immediately. The mode of interview will be online/offline.

Due date: The application must reach the PI, Dr. Kedarisetty Siddhardha (siddhardhak@iitbhilai.ac.in), by 26/08/2026.

Terms & Conditions:

- i. No TA/DA will be provided to the candidate for the interview
- ii. The PI shall not be responsible for postal/courier delay if any, or any other reason for non-receipt of the document at the specified time and will result in disqualification/rejection of the application.
- iii. The decision of the selection committee will be final.
- iv. If the number of shortlisted candidates called for the interview is large, the selection committee may decide to restrict the number of candidates for the interview to a reasonable limit after considering qualifications and experience over and above the minimum prescribed in the advertisement.
- v. The appointment of the candidate will be governed by the terms and conditions of the Institute/funding agency particularly applicable to the said project as and when required.
- vi. The selected candidate will have to join duty immediately on receipt of the offer.
- vii. The fellowship may be terminated with a 30-day notice before completion of the tenure if performance till date is not deemed satisfactory.



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