



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 post of Principal Associate in MeitY funded Research Project

Applications are invited from Indian nationals for the position of Principal associate (PA) in a MeitY funded research project with the following details:

Title of the Project: Capacity building for Human Resource Development in Unmanned Aircraft System (Drone and related Technology)

About the project:

The project is the Government of India initiative under MeitY to tap the employment and economical potential of Drone and related technology with a major aim to make India a global drone hub. The primary objective of the project is to leverage collaborative activities in human resource development through capacity building in education and training in the area of Unmanned Aircraft System. The focus of IIT Bhilai specifically is in Guidance, navigation and control (GNC) Algorithms and Simulation. Candidates will be encouraged to register for an academic program.

Principal Investigator: Avishek Adhikary, Designation Assistant Professor, Department Electrical Engineering, IIT Bhilai, Kutelabhata, Khapri, Durg, Chhattisgarh- 491001 (avisheka@iitbhilai.ac.in).

Name of the position: Principal Associate

Number of Positions: 1

Essential qualifications:

M.Tech / M.E. or equivalent degree

OR B.Tech / B.E. / MA / M.Sc / MCA or equivalent degree with 2 years relevant experience

in Science or Engineering or Technology in Electronics & Tele- communications Engineering, Electrical Engineering, Instrumentation Engineering or Computer Science Engineering, or related areas from a recognized University or equivalent.

Desirable: Preference will be given to candidates with working experience relevant to the project. Candidates with expertise in the followings are strongly encouraged to apply:

- 1) Expertise in Python and C++ and/or MATLAB
- 2) Familiarity with ROS / GAZEBO.
- 3) Experience / Familiarity with Modern Control System, digital control, digital communication, preferably in drone control and communication.
- 4) Hands-on experience in working with drones (assembly of customized drones and end-to-end deployment of drones) or other embedded systems with cameras and other sensors. Drone flying experience is highly desirable.



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Candidates are expected to the Join PhD program in IIT Bhilai in EE Department under the scope of the Project Funding.

Age limit: 35 years

Salary: Consolidated salary Rs. 45000 per month. The annual increment in salary is at the rate of 10%

Duration: The position is temporary for a period of 1 year and depending on the candidate's performance, the contract will be renewable annually till the duration of the project. Project duration is 5 years.

How to apply: Interested candidates must apply on the application form attached with this advertisement. The duly completed application form along with candidate's resume must be mailed or emailed to the PI so as to reach him by 29/11/2023. Only shortlisted candidates will be called for interview. The positions are available immediately.

Due date: The application must reach the PI, Avishek Adhikary (avisheka@iitbhilai.ac.in), by 29/11/2023.

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.