

**Date: 04.04.2023**

### **Advertisement Notice**

Applications for the post of Junior Research Fellow (JRF)/ Project Associate-I (PA-I) are invited from candidates with having Master's degree in Technology (EE/EC/EI/ and relevant branch) and NET/GATE qualifications. Selected candidates will work on a research project entitled "*IoT-based Unmanned Aerial Vehicle for Inspecting Construction sites and Surveillance of a campus*" (Research Project ID: CFP2022P1) project granted to Dr. (Mrs.) Anjali Potnis (Principal Investigator), Department of Electrical and Electronics Engineering Education, NITTTR, Bhopal – 462002. The JRF/PA-I post is purely temporary, initially for one year, and extendable till the project duration on satisfactory performance (co-terminus with the project). The details can be seen on the Institute website ([www.nitttrbpl.ac.in](http://www.nitttrbpl.ac.in)). Applicants are required to send their application with full educational qualifications and experience certificates in a **Single PDF file** to PI at [apotnis@nitttrbpl.ac.in](mailto:apotnis@nitttrbpl.ac.in) by **(20.04.2023)** please mention "Application for JRF/PA-I, Research Project Title: *IoT-based Unmanned Aerial Vehicle for Inspecting Construction sites and Surveillance of a campus*" in the subject line of the email. Applications lacking mandatory documents like mark sheets/certificates in support of claims made by the candidate will be rejected.

**Dr. Anjali Potnis**  
**Principal Investigator**  
**Research Project ID: CFP2022P1**

## Advertisement

**Date:** 04/04/2023

Applications are invited from Indian nationals, giving full details of educational qualifications and experience, for the post of a Junior Research Fellow (JRF)/ Project Associate-I (PA-I) on the research project entitled “*IoT-based Unmanned Aerial Vehicle for Inspecting Construction sites and Surveillance of a campus*”(Research Project ID: CFP2022P1) internally fund project awarded to Dr.(Mrs.) Anjali Potnis (Principal Investigator), Department of Electrical and Electronics Engineering Education, NITTTR Bhopal – 462002. The post is purely temporary and co-terminus with the project. The JRF/PA-I post is initially allowed for one year. On satisfactory performance, the appointment of JRF/PA-I is extendable till the project duration on satisfactory performance. The details can be seen on the Institute website ([www.nitttrbpl.ac.in](http://www.nitttrbpl.ac.in)). **Soft copies** of the application in the prescribed format along with all enclosures (in a single PDF file) should reach to PI by **(20/04/2023)**. E-mail the application to [apotnis@nitttrbpl.ac.in](mailto:apotnis@nitttrbpl.ac.in) and clearly mention “**Application for JRF/PA-I for the project** “*IoT-based Unmanned Aerial Vehicle for Inspecting Construction sites and Surveillance of a campus*” in the subject line. Applications lacking certificates in support of claims made by a candidate will be rejected.

**Name of Post:-** Junior Research Fellow (JRF)/ Project Associate-I

**No. of Post:-** 01

**Emoluments:-**

Rs. 31000/- per month + HRA as applicable by institute norms (GATE/UGC/NET qualified)

Rs. 25000/- per month + HRA as applicable by institute norms (Non-GATE/UGC/NET qualified)

**Age:** Preferably below 30 years on the last date of application.

**Essential Qualification:**

Master’s degree in Technology (EE/EC/EI/ and relevant branch with minimum 60% marks or equivalent.

**Desirable Qualification:** NET/GATE qualified with strong written and verbal communication skills as research in this field often requires collaboration and the ability to present findings.

We are looking for fully devoted scientific manpower. This is a full-time assignment. Preference will be given to candidates having working experience in the field of Drone and IoT technologies including sound knowledge of control systems, sensor systems, wireless networks, and data analysis. Strong programming skills in one or more languages such as C++, Python, or Java, Familiarity with software development for embedded systems, such as Linux or RTOS, and simulation tools such as LabVIEW, MATLAB, Simulink etc. are preferred. Skills to implement projects including machine

learning and AI techniques, problem-solving, analytical, and critical thinking skills will get preference.

The candidates should apply in the prescribed format available on the Institute website ([www.nitttrbpl.ac.in](http://www.nitttrbpl.ac.in)) on or before (20.04.2023), along with self-attested softcopies of the relevant certificates. If any of the important information provided in the application form is not supported by the certificates attached, the application will be rejected. Applications should be emailed to [apotnis@nitttrbpl.ac.in](mailto:apotnis@nitttrbpl.ac.in) (Dr. Anjali Potnis (Principal Investigator), Assistant Professor, Department of Electrical and Electronics Engineering Education, NITTTR, Bhopal – 462002, Madhya Pradesh). Call letter for personal interview will be e-mailed to the respective email id after scrutiny of each application. No hard copy of the call letter will be sent to the shortlisted candidates. The appointment will be purely on contract basis, the post has been created for the execution of the research project and selected candidates shall not be an employee and have no claim of any benefit on that account. Appointment may be terminated at any time if the performance of the candidate is not satisfactory.

**Terms and conditions:**

1. No TA/DA is permissible for appearing in the interview.
2. The initial appointment will be for 12 months. However, the candidate may be discontinued at any time by giving a one-month prior notice if the performance is not found satisfactory.
3. The appointment shall be a co-terminus with the project and will be governed as per the Terms and Conditions of Rules, Regulations, and Norms of NITTTR, Bhopal.

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| Last date for submission of the complete application form | <b>20.04.2023</b>   |
| Interview Date  | Will be notified to shortlisted eligible candidates through e-mail. |
| Declaration of result                                     | Will be notified to the selected candidate through e-mail.          |

Dr. (Mrs.)Anjali Potnis  
Assistant Professor,  
DEEEE, NITTTR, Bhopal  
**Principal Investigator**  
**Research Project ID: CFP2022P1**