Indian Institute of Information Technology, Sri City, Chittoor

Reference No. IIITS/2019/01/MeitY-PD/JRF

Opening Date: 13th February 2019 **Closing Date:** 6th March 2020.

Position: Junior Research Fellow (JRF)
Applications are invited for the post of Junior Research Fellow in research project "**Design and Fabrication of Autonomous Passenger Drone**" in reference to the sanction letter of Dt. 15/03/19 with sanction order: 56(1)/2018-CC&BT by Computer Convergence and Broadband Technologies, Ministry of Electronics and Information Technology (MeitY) New Delhi-110003.

Title: **Design and Fabrication of Autonomous Passenger Drone**
Name of Position: **Junior Research Fellow**
Number of Position: **01 (One)**
Project Duration: **2 Years 6 Months**
Essential Qualifications: M.E/M.Tech in Electronics and Communication Engineering / Electrical Engineering. B.Tech candidate with exceptional qualification record may also be considered.

Desirable Knowledge:
JRF: Wireless Sensor networking, Wireless Communications, Analytical modelling, Embedded Systems, with programming in Matlab, Python, NS, VHDL, Embedded-C would be an advantage.

Description of work for JRF:

Design of Passenger Drone is a challenging research area involving sensors, wireless networking, navigation, power management, robust mechanical design, safety etc. "Design and Fabrication of Passenger Drone Project is a Collaborative multi-institute (IIT Hyderabad, IIIT Hyderabad, and IIIT Sri City) project. IIIT Sri City, Chittoor is contributing to this project in the aspects of wireless sensor networking, Navigation and development of overall communication interface of the Passenger Drone. The JRF will be responsible for integration of sensors to the mother board, design of reliable long range wireless link from the ground station to the drone and navigation aspects. JRF is expected to understand and deliver the above sub-modules proposing new models/modified versions of existing models of wireless communication frameworks. Hardware prototyping and field testing of the developed module in the later stages of the project is also part of the job description of the JRF.

Fellowship: Rs. 31,000/- pm from Date of Joining.

Soft Copies of Curriculum Vitae, Mark Sheets, Certificates and documents supporting relevant experience should be saved as a Zip folder with below naming convention.

"Name-JRF-PD-2020".

Replace "Name" with your full name and the Zip folder should be sent to yrv.prasad@iiits.in. Mail should have subject as "Application for JRF – Passenger Drone-2020".

Indian Institute of Information Technology, Sri City, Chittoor

Note:

1. The candidate should be preferably less than 28 years of age.
2. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
3. The Institute reserves the right to accept application at any time, and consider candidates of exceptional credentials without applications. Qualification and experience may be relaxed at any point of time for exceptional candidates.
4. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The shortlisting will be done based on the need of the project.
5. In case of any doubts regarding the application, please email yrv.prasad@iiits.in
6. **Only shortlisted candidates will be informed by e-mail or phone about the interview date.** So, the candidate must provide valid E-mail IDs and Mobile number in their applications.
7. The shortlisted candidates may be called to IIIT Sri City for personal interview. **No TA/DA will be paid for the interview.**
8. Once selected, the candidate will be taken as Junior Research Fellow (JRF) and will be paid Rs. 31,000/- per month.
9. On successful completion of Institute requirements, the JRF may be converted as PhD student in the next subsequent semesters as per the rules of the Institute.
10. The association between PI/Co-PI and JRF can be discontinued at any time by giving three months notice in writing either by the PI of the project.
12. Leaving the project before 18 months of joining is strongly discouraged and candidate will not be entitled for any experience certificate.

About IIIT Sri City, Chittoor : For details please logon to www.iiits.ac.in