



## Indian Institute of Information Technology, Sri City, Chittoor

### Advertisement for Junior Research Fellow Position

**Reference No:** IIITS/RO/2021/03/DST-ECR-2018-001410/JRF/Dt.11March2021

**Opening Date:** 11 March 2021

**Closing Date:** 31 March 2021

Applications are invited for the post of Junior Research Fellow (JRF) in research project entitled “**Development of Hybrid Method to Analyze the Radiation Characteristics of a Dipole Antenna near a Perfectly Conducting Cylindrically Curved Screen**” in reference to the sanction order File No. **ECR/2018/001410** dated: 25.03.2019 by SERB, Department of Science and Technology (DST), Govt. of India.

<b>Project Title</b>	:	<b>Development of Hybrid Method to Analyze the Radiation Characteristics of a Dipole Antenna near a Perfectly Conducting Cylindrically Curved Screen</b>
<b>Name of Position</b>	:	Junior Research Fellow (JRF)
<b>Number of Position</b>	:	01 (One)
<b>Project Duration Left</b>	:	12 Months (Till 25 <sup>th</sup> March 2022)
<b>Essential Qualifications</b>	:	First class (60% or 6.5 CGPA) in both B.E/B. Tech in (Electronics and Communication Engineering/Electronics Engineering) and M.E/M. Tech in RF and Microwave Engineering or equivalent.
<b>Desirable Qualifications</b>	:	(i) Knowledge on Electromagnetic scattering and Antennas are essential. (ii) Knowledge of Computational (Method of Moments) and Asymptotic methods (Uniform theory of Diffraction) is desirable. (iii) Exposure to Electromagnetic simulation tool (preferably: FEKO), and MATLAB programming is desirable.
<b>Fellowship</b>	:	As per the funding agency norm (i.e., for JRF Rs. 31,000/- for the first 2 years and 35,000/- for the third year). No other allowances admissible.

Applicants need to fill the google form <https://forms.gle/wUDDVK9uoJKtwmV76> and upload the soft copies of **Mark Sheets** and **Certificates**. Any queries related to notifications can be sent to **divyabramham.k@iiits.in (PI of the project)**.



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### Note:

1. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
2. 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.
3. 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.
4. Only shortlisted candidates will be informed by e-mail about the interview date. So, the candidate must provide valid E-mail IDs in their applications.
5. Applicants in government/semi-government/private employment are required to submit a “No Objection Certificate” from the employer after shortlisting but before interview date.
6. The first and foremost responsibility of the candidate is to fulfill the jobs’ requirements to complete the above mentioned project in timely manner.
7. The JRF can be promoted to SRF after two year of relevant research experience on this project and on the recommendation of the project progress monitoring committee.
8. Leaving the project before end of the project is strongly discouraged. Candidate will not be entitled for any experience certificate if leaving the project without completing at least one year/ till the end of the project.
9. The association between PI and the candidate can be discontinued at any time by giving one month’s notice in writing either by the PI of the project to candidate, or by candidate to the PI of the project.
10. Candidate selected for this position can also apply for the regular PhD program in IIIT Sri City, provided they satisfy the eligibility criterion followed by selection process laid down by the institute.
11. Experience letter will be provided, only if the candidate completes the project/tenure/at least one year/till the completion of the project.

### About IIITS

Indian Institute of Information Technology Sri City, Chittoor, Andhra Pradesh is a Research and Teaching Institute focused on the core areas of Information Technology: Computer Science, Electronics and Communications, and their applications in other domains. The Institute focuses on development of Technology and Applications that can be transferred for use to Industry and Society. IIITS is an Institution of National Importance setup by Government of India (MHRD), Government of Andhra Pradesh and Industry Partners (represented by Sri City Foundation) as a not-for-profit Public Private Partnership (N-PPP) Society.