



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Research and Development (R&D)

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Advt. No. : IITBBS/R&D/RP181/Rect/15/2020-21 Date: 27.08.2020

Applications are invited on prescribed format for the following assignment in a purely time bound research project undertaken in the School of Electrical Sciences of this Institute.

1. Name of the Temporary Assignment : **Junior Research Fellow – 1 Post**
2. Name of the temporary research Project : “Prototype of Imaging Radar in UWB”.
3. Name of the Sponsoring Agency : Department of Science and Technology (DST)
4. Consolidated Emolument : **Rs. 31,000/- + HRA @16% per month**
5. Qualification : M.Tech / M.E./ M.S. with specialization in communication in RF and Microwave Engineering, Signal Processing, Communication, VLSI and Embedded System and B.Tech/B.E in ECE with minimum 65% marks(or 6.0/10.0 CGPA) throughout starting from class X. Valid GATE score is preferable.

(OR)

B.Tech/ B.E. in ECE (preferably one year experience) in RF and Microwave Engineering, Signal Processing, Communication, VLSI and Embedded System and with minimum 65% marks (or 6.0/10.0 CGPA) throughout starting from Class X. Valid GATE Score is preferable.

Job Responsibility and Requirement: Candidate is responsible for implementation of signal processing algorithms and imaging hardware. The candidate has to travel and stay in the location of our industry partner at Hyderabad.

Skills:

- RF & Signal Processing basics
- The candidate with experience in MATLAB/ LabVIEW/HDL/Wireless Communication Tools or in basics of circuit design tools and EDA tools will be preferred
- Good critical reasoning and communication skills
- Comprehensive thinking and understanding technical research papers

6. Period of Engagement : From date of joining to end of project i.e upto 07.03.2021

Interested eligible persons may apply through online application system on or before **15th September 2020**. Web link <http://webapps.iitbbs.ac.in/sric-application>

**Sd/-
Asst. Registrar (R&D)**