



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

Research and Development (R&D)

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Advt. No. : IITBBS/R&D/RP246/Rect/16/2021-22 Date: 16.07.2021

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 (JRF) – 1 Post**
2. Name of the temporary research Project : “Design Of Dynamic MAC and PHY SoC for Low Power and Long Range networks”
3. Name of the Sponsoring Agency : Ministry of Electronics and Information Technology, Govt. of India
4. Consolidated Emolument : **Rs. 31,000/- per month**
5. Qualification : M.Tech/ M.E./ M.S. with specialization in VLSI design or IC design or related areas 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 Analog, Mixed-Signal, RF IC Design or in related areas 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 the design and implementation of circuits and systems for RF/ Wireless IC design at advanced CMOS technology nodes leading to IC Fabrication,, Test and Measurement.

Skills:

Candidates with the following skills are preferred:

- Experience in Analog, RF, Mixed-Signal IC Design, or its related areas
- Experience in IC design using EDA Tools like Cadence
- Good problem-solving and communications skills

6. Period of Engagement : Initially for 1 year with possible extension depending on performance
7. Duration of the project : 3 years

Interested eligible persons may apply through online application system on or before **5th August 2021**. Web link <http://webapps.iitbbs.ac.in/sric-application/>

If u want to complete the registration process, please go through our IITBBS website. After entering the website, go to the 'jobs' tab at the top then select the option 'recruitment for research project work' and fulfil requirements.

Sd/-
Asst. Registrar (R&D)