



# Birla Institute of Technology & Science, Pilani

Hyderabad Campus

Dr. Amit Kumar Panda

## CALL FOR JUNIOR RESEARCH FELLOW (JRF) FOR A DST-SERB PROJECT

Date: 17<sup>th</sup> January 2022

Applications are invited from suitable candidates for **Junior Research Fellow (JRF)** to work on the following project sponsored by **Science and Engineering Research Board (SERB)** having grant No. **SRG/2021/001979**, under the supervision of **Dr. Amit Kumar Panda, Department of Electrical and Electronics Engineering (EEE), BITS Pilani Hyderabad Campus.**

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<b>Title of the project:</b>	Design and Implementation of a Hardware Efficient Secure Pseudorandom Bit Generator for Physical Layer Security in the Resource Constraint IoT Devices
<b>Duration of the project:</b>	Two years
<b>Project position and number:</b>	JRF (One)
<b>Fellowship amount:</b>	₹31000 per month
<b>Eligibility requirements:</b>	M.E./M. Tech in VLSI/ Microelectronics/ Digital Design/ Embedded System or equivalent or M.Sc. Electronics with at least 60% marks and GATE/NET qualification. Knowledge of FPGA implementation, Verilog/VHDL, Xilinx Vivado/ISE tool, Matlab are essential. Experience in implementing the communication protocols such as I2C, SPI, WiFi, Zigbee, LoRa, etc can be the added advantages
<b>Last Date:</b>	08-Feb-2022

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**Application Procedure:** Interested candidates with the above-mentioned qualification may apply through this google-form: <https://forms.gle/jhf9fewDsfZmxje9> before 8<sup>th</sup> February 2022. Please do not send the application via email. In case of any query regarding the position, please feel free to email the PI on the email ID – [amit@hyderabad.bits-pilani.ac.in](mailto:amit@hyderabad.bits-pilani.ac.in).

### NOTE:

1. Submit your application (CV, GATE/NET card, marksheet) in a single PDF file.
2. Only qualified and suitable candidates will be called for interview. The online interview will be tentatively conducted in the third week of the February 2022.
3. Selected candidate may be permitted to register for the Ph.D. program of BITS, Pilani, subject to the fulfillment of the requirements.
4. HRA can be provided as per the Institute rules.

Regards,

Dr. Amit Kumar Panda (PI)



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