



CALL FOR RESEARCH POSITION (JRF) IN BITS-AXIADO
INDUSTRIAL COLLABORATION RESEARCH PROJECT

Applications are invited from suitable candidates for **Junior Research Fellow (JRF) [2 open positions]** to work on the industrial research project sponsored by **Axiado India** (<https://axiado.com/>), a subsidiary of Axiado USA, under the supervision of **Dr. Paresh Saxena (PI), Dr. Rajib Ranjan Maity (Co-PI) and Dr. Manik Gupta (Co-PI)**, Department of Computer Science and Information Systems, BITS-Pilani, Hyderabad campus. Selected candidates may be permitted to register for Ph.D. program of BITS, Pilani, subject to the fulfilment of the requirements. The project provides a unique opportunity to work in close collaboration with the industry on the application of ML/RL tools for hardware and network security.

Title of the project: ML-Aided Secure SoC and Analytics (MASTIC)

Duration of the project: 2 years

Project position and number: **JRF** (3 positions)

Fellowship amount: Rs. 38440/- per month

Eligibility requirements:

- M.E./M.Tech. or equivalent in Computer Science (CS), IT or allied fields (strong candidates with Bachelor's degree and prior research experience/publications may also be considered).
- Strong programming skills in at least two high level programming languages (e.g. C, Java, Python, etc.).
- Knowledge of Machine learning and/or Reinforcement Learning and/or Network Security and/or Computer Networks.
- Prior research experience and publications will be an added advantage.
- Proactive, self-driven and ability to learn new tools and techniques.





Birla Institute of Technology & Science, Pilani

Hyderabad Campus

Application Procedure: Interested candidates with the above-mentioned qualifications can send soft copy (single pdf) of their applications via email with subject “**Application for BITS-AXIADO Project 2021**” with

1. Cover Letter
2. Detailed CV including educational qualifications (10th standard onwards), technical skills, research experience, project details and published papers (if applicable)
3. Details and soft copies of certificates
4. GATE/NET score card (if applicable)

The applications should reach before **5th September (5pm)**, to the Principal Investigator, **Dr. Paresh Saxena** via email: psaxena@hyderabad.bits-pilani.ac.in. The positions will be filled as soon as appropriate candidates are selected and hence applicants are advised to apply as soon as possible if interested. Selected candidates will be called for the interview to be held using Google Meet.



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