

**Research Positions Available at Wireless Systems and Networks (WSN)  
Research Lab, Department of Electrical Engineering, FAST National University,  
Islamabad Campus**

We seek highly motivated and capable individuals to work on a HEC funded research project concerning the application of machine learning in the design of 5G wireless communication systems and beyond. The contract duration would be one year. The applicants are required to fulfill the following eligibility criteria.

**Position 1: Research Assistant**

**Eligibility Criteria:**

- MS Degree in Electrical/Electronic/Telecom/Computer Engineering or Computer Science.
- Skills Required: Wireless Communication, Simulation of Wireless Systems and Networks using MATLAB/Python, Machine Learning.
- Experience in modeling/simulation of massive MIMO and millimeter wave wireless systems using Matlab would be highly desirable.
- Any relevant publications would be considered a plus.

**Salary:** PKR 70,000 per month.

**Position 2: MS Student**

**Eligibility Criteria:**

- BS Degree in Electrical/Electronic/Telecom/Computer Engineering or Computer Science.
- Must be enrolled in a relevant MS program at the Dept. of Electrical Engineering or the School of Computing at FAST-NU, Islamabad.
- Knowledge of wireless communication systems.
- Proficiency in Python and good knowledge of machine learning techniques, including deep neural networks.
- Experience with implementation tools like PyTorch, TensorFlow, Keras and Matlab would be highly desirable.

**Stipend:** PKR 33,000 per month.

**How to Apply:**

Fill in the online application form and upload your CV at the link given below.

<https://forms.gle/b4sUtNwEV9k45eu46>

Application Deadline: Monday, May 20, 2024