



# UNIVERSITY OF ENGINEERING AND TECHNOLOGY, TAXILA

(Top Ranked Public Sector Engineering and Technology University in Pakistan as per Times Higher Education (THE) World University Rankings – 2026  
QS World University Asia Ranked = 406, QS World University Southern Asia Ranked = 106)

## POSITION VACANT FOR HEC FUNDED PROJECT

Applications (**Both Hard-Copy and Online**) are invited from qualified individuals domiciled in the Punjab for the following positions under the HEC approved project "**Democratizing Robotics in Pakistan: Design and Development of Multidimensional Robotic Platform for STEM Education**".

### SWARM ROBOTICS LAB

Sr	Position/ Pay Package	Duration	No. of Posts	Eligibility Requirements	Age Limit
01	Research Assistant (Rs. 100,000/- Per month)	01 Year	01	<b>Bachelor's degree in Mechanical/ Mechatronics/ Electrical/ Electronics/ Computer/ Software Engineering having:</b> <ul style="list-style-type: none"><li>• Strong expertise in SolidWorks for designing robotic and mechanical systems.</li><li>• Proven ability to create complex, creative, and visually appealing robot designs that are both functional and presentable.</li><li>• Hands-on experience with mechanical assemblies, enclosures, linkages, and robotic frames.</li><li>• Familiarity with different types of robots, Robotic Arm, Mobile Robots etc.</li><li>• Familiarity with manufacturing techniques, prototyping, and fabrication workflows.</li><li>• Understanding of mechanical optimization principles including stability, weight balance, and ergonomic design.</li><li>• Basic knowledge of URDF (Unified Robot Description Format) for robot modeling.</li><li>• Familiarity with simulation environments such as Ignition, Gazebo, or Webots.</li><li>• Capability to collaborate with electronics, AI, and software teams for complete robot development.</li><li>• knowledge of ROS, AI, and programming will be considered an added advantage.</li></ul>	21-35

### GENERAL INSTRUCTIONS

1. Submission of application is a two-step process. It is mandatory to submit the application in hard copy as well as on the Online form:
  - i. Application on prescribed form (available at [www.uettaxila.edu.pk](http://www.uettaxila.edu.pk)) along with CV and other testimonials must be reached in the R&I Cell of the university on or before **December 4<sup>th</sup>, 2025 (Thursday) up to 3:00 PM.**
  - ii. Applicants must fill in the particulars and submit the form provided at the given link: <https://web.uettaxila.edu.pk/CPED/SwarmRoboticsLab.asp>.
2. Application fee (non-refundable) Rs.2000/- must be paid in the favor of the Treasurer, UET Taxila in shape of Bank Draft/Postal Order/HBL Challan of UET Taxila Branch.
3. The above posts are purely project-based, hence no right of regular appointment.
4. Attested copies of degree/ certificate/ testimonials/ CNIC/ experience certificates and photographs must be attached.
5. Incomplete or lately received applications will not be entertained and only short-listed candidates are called for a test/ interview.
6. The university reserves the right to accept or reject any/all applications without assigning any reason.
7. No TA/DA will be paid for the interview/tests etc.

**KHALID MAHMOOD (REGISTRAR)**

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