



MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY, JAMSHORO

VACANCY ANNOUNCEMENT

Applications are invited for the contractual positions as Research Assistants under ICT Endowment Fund for Sustainable Development & NCRA Sustainability

S#	Position	Requirements
1	Research Assistant - ICT Endowment (1) Emolument: Rs. 40,000 per month	The candidate preferably has a Master of Engineering in Mechanical / Energy Efficiency /Mechatronics/ Data Science/ Computer Systems/Software/Transportation/ Electrical and Electronics or related Engineering disciplines OR Bachelor of Engineering in Mechanical / Energy Efficiency / Mechatronics/ Data Science/ Computer Systems/ Software/Transportation/ Electrical and Electronics or related Engineering disciplines, good knowledge of Artificial Intelligence and Digital Image Processing algorithms is required. Candidate must be familiar with OpenCV, TensorFlow/Keras, and On-edge deployment of Machine learning algorithms. Candidates having experience in CAD modelling, Stress and strain analysis will be preferred. Additional preference would be given to candidates who have demonstrated potential for conducting literature review, technical and academic writing.
2	Research Assistants - NCRA Sustainability Emolument: Rs. 25,000 per month (Initially)	Bachelor of Engineering in Mechanical/ Energy Efficiency /Mechatronics /Computer Systems/Software/Transportation/Biomedical/Electrical/Energy Efficiency or related Engineering disciplines with knowledge of OpenCV, TensorFlow and working knowledge of Machine vision systems. Final-year students of Bachelors/Undergraduate having strong interest/passion towards research can also apply. Proficiency in embedded systems programming, specifically with Jetson Nano or Raspberry Pi, and familiarity with IoT communication protocols (e.g., I2C, SPI) is a prerequisite. Candidates must demonstrate a solid understanding of Artificial Intelligence and Digital Image Processing algorithms. In addition to technical skills, applicants should possess a strong command of MS Word, Excel, and PowerPoint, showcasing proficiency in drafting and document preparation. Hands-on experience with citation tools such as Mendeley or Endnote, as well as the ability to prepare technical reports and academic papers, is essential.
3	Research Assistant/ Social Media Manager (1) Emolument: Rs. 25,000 per month (Initially)	Bachelor's degree (B.E./ B.S.) in any discipline, preferably mass communications /communication, Journalism, or a related field. Proven experience in managing social media accounts for businesses. Responsible for creating compelling and shareable content across various platforms, collaborating with the design team for visually appealing graphics. Community management is vital, required to monitor brand mentions, engage with the online community, good video editing, graphic designing skills and build lasting relationships with followers. Familiarity with graphic designing tools like Adobe Illustrator, Canva, and Adobe Animate. Familiarity with social media advertising and analytics tools. Strong written, and verbal communication and digital marketing skills. Should have excellent content development and writing skills. Creative thinking and the ability to generate innovative ideas.

INSTRUCTIONS:

- Interested candidates should be willing to serve for at least one year.
- Interested candidates should send their applications mentioning their motivation/skills along with detailed CVs at this email address: sara.ali5298@gmail.com and should also submit their applications along with CVs in hard copy to the Engr. Sara Ali Research Associate, NCRA MUET Lab 2, First Floor, IICT Building Mehran UET, Jamshoro.
- Applying candidates are also advised to submit a link to their online portfolio.
- Candidates who are already serving in Government/Semi-Government and autonomous bodies should apply through the proper channel (with NOC).
- The subject of the email and application must indicate the position in which the candidate is interested.
- Only short-listed candidates will be called for a test/interview.
- No T.A/D. A will be paid for appearing in the test/interview.
- The University/Institute reserves the right to delete any position(s) partially and/or wholly.

LAST DATE TO APPLY: 5th January 2024

For any further information/Details: 0306-3529495 or sara.ali5298@gmail.com

Engr. Sara Ali

Research Associate

National Center for Robotics and Automation-CMS Lab

Mehran University of Engineering and Technology, Jamshoro