



**NATIONAL UNIVERSITY OF SCIENCES & TECHNOLOGY (NUST)**  
**COLLEGE OF ELECTRICAL & MECHANICAL ENGINEERING (CEME)**



**RESEARCH STAFF REQUIRED**

The services of following staff are required at NUST CEME for the project titled “**Induction Motor Controller for Traction Application**”. Candidates fulfilling the requirements given below may apply by submitting their CV and transcripts to [malikfahadmumtaz@ceme.nust.edu.pk](mailto:malikfahadmumtaz@ceme.nust.edu.pk), with subject “**Funded Project: Application for (Position title e.g. Research Assistant)**” no later than 2359 hrs. on Wednesday, 21<sup>st</sup> December 2022. Only short-listed candidates will be called for an interview at CEME. TA/DA will not be admissible.

Title / Position	No. of Positions	Criteria	Monthly Package (PKR)
Research Assistant (Electrical)	01	<ul style="list-style-type: none"><li>– Candidate must hold bachelor’s degree in Electrical engineering. Candidates with PCB design skills and familiar with product design process will be preferred.</li><li>– Be a technically orientated project engineer with knowledge in the design, and construction of motor drives.</li><li>– Exhibit practical knowledge of power electronics circuit design, specifically traction controller for induction motor for automotive application. STM32 programming and debugging experience. Assist or lead the development of the design from concept to implementation</li><li>– Strong communication and writing skills are required.</li></ul>	100,000/- The candidate will be hired for a period of 3 months.
Research Assistant (Mechanical)	01	<ul style="list-style-type: none"><li>– Candidate must hold bachelor’s degree in Mechanical Engineering. Candidates familiar with product design process will be preferred.</li><li>– The candidate should have practical knowledge of mechanical product design, having knowledge about CAD Modelling and Thermal Simulation.</li><li>– Assist the development of induction motor and controller for traction application.</li><li>– Strong communication and writing skills are required.</li></ul>	50,000/- The candidate will be hired for a period of 3 months.