

Date 20-12-2018

Vacant Research Positions PhD/MS
Department of Computer and Information Sciences (DCIS)

Applications are invited against following positions as part of the project: “**Novel Computational Mechanisms for Piezoelectric Transducers, Actuators and Sensors Modeling**”, funded by National Research Program for Universities, Higher Education Commission (HEC) Pakistan. Applicants must explain in the cover letter how they are suitable for the position. Applications containing a cover letter and copies of NIC, relevant degrees/certificates must reach at **DCIS office, B Block, Pakistan Institute of Engineering and Applied Sciences (PIEAS) before Dec 31, 2018.**

Name of the Position and Remuneration	Number	Requirements	Job Description	Duration
PhD @ Rs 25,000 per month	01	<ul style="list-style-type: none">• MS Computer Science /Electronics/Electrical Engineering• AI related courses during MS degree such as Neural Networks, Machine Learning, Optimization Techniques etc. are highly preferred• Selected candidate will be required to register in PhD program at DCIS/DEE, PIEAS. Already registered PhD students may also apply.• Any experience/ study project in Modeling, Simulation and Optimization is highly preferred	PhD candidate will carry out research to develop evolutionary computing and ANN based models and algorithms for piezoelectric device design and optimization.	03 years
MS @ Rs 20,000 per month	03	<ul style="list-style-type: none">• Preferably self-financed MS students at PIEAS about to start (or already pursuing) their FYP in similar domain.• Must have studied Computational courses at BS level.• Experience with evolutionary computing or machine learning techniques is highly preferred	Successful candidates will design and optimize piezoelectric materials based devices for various applications in SONAR, biomedical and others.	01 years initially extendable to one more year.