Research Fund (VCRF & SU)

Faculty Name	Designation	Department	Research Project Title	Research Fund
Feroz Ahmed,Ph.D.	Professor	Electrical and Electronic Engineering	Design of a Cloud Based Highly Reliable System for Noninvasive Measurement and Monitoring of Human Blood Component Levels Using Genetic Algorithm & DNN Based Models	VCRF-SETS:24-017
Shahriar Khan,Ph.D.	Professor	Electrical and Electronic Engineering	Applications of AI in SmartGrids	VCRF-SETS:24-018
Md. Kafiul Islam,Ph.D.	Associate Professor	Electrical and Electronic Engineering	Analysis of Artifacts on the Performance of EEG-based Brain-Computer Interface(BCI) Applications	VCRF-SETS:24-019
Mustafa Habib Chowdhury, Ph.D.	Associate Professor	Electrical and Electronic Engineering	Plasmonic metal nanoparticles in tandem with top layer surface texturing method to optimize the opto-electronic performance of ultra-thin Cadmium Telluride (CdTe) solar	VCRF-SETS:24-020
Kh. ShahriyaZaman, Ph.D.	Lecturer	Electrical and Electronic Engineering	Design of a resource-efficient AI accelerator for object detection in autonomous robotic application and Industry 4.0	VCRF-SETS:24-021
Afroza Sultana	Lecturer	Electrical and Electronic Engineering	Processing and multi-scale analysis of surface Electromyographic signal and finding out its correlation with different motor neuron activities.	SU-SETS:24-007
Bijoya Lala	Lecturer	Electrical and Electronic Engineering	A framework of evaluating image segmentation algorithm upon Biomedical Image	SU-SETS:24-008
Emranul Haque	Lecturer	Electrical and Electronic Engineering	Numerical Analysis of Photonic Crystal Fiber-Based Biosensor for Glucose Levels Detection in Urine and Blood	SU-SETS:24-009
Istiak Ahmed	Lecturer	Electrical and Electronic Engineering	State of the Art of AC-DC Cuk Converters: Advanced topologies, Power Quality Issues, Recent Progress and Improvements	SU-SETS:24-010