Research Fund					
Faculty Name (Principal Investigator)	**Designation**	**Department**	**Co - Investigator**	**Research Project Title**	**Research Fund**
Khosru Mohammad Salim,PhD	Professor	Electrical and Electronic Engineering	Md Abdur Razzak, PhD	A 15kW Grid Interactive Solar Micro Grid for Integrated Farming in the rural area of Bangladesh.	USAID Grant IDIQ No. 7200AA19D00029
Feroz Ahmed,PhD	Professor	Electrical and Electronic Engineering	Emranul Haque	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,PhD	Professor	Electrical and Electronic Engineering		Applications of AI in SmartGrids	VCRF-SETS:24-018
Md. Kafiul Islam,PhD	Associate Professor	Electrical and Electronic Engineering	Dr. Tasnuva Faruk, MBBS, MPH	Analysis of Artifacts on the Performance of EEG-based Brain-Computer Interface(BCI) Applications	VCRF-SETS:24-019
Mustafa Habib Chowdhury, PhD	Associate Professor & Head	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 cells	VCRF-SETS:24-020
Kh. ShahriyaZaman, PhD	Lecturer	Electrical and Electronic Engineering	Emranul Haque	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