

RESEARCH FUNDING PROJECTS AND YEAR-WISE PUBLICATION OF CPED

Sr No	Faculty Member / PI	Project Title	Funding Agency	Year	Funding Amount
1	Dr. Farhan Qamar	Bewolf Cluster for AI Based Machine Learning Application	NESCOM	2024	0.3 million
2	Dr. Farhan Qamar	A GAN-Based Approach for Enhancing Security in Satellite-Based IoT Networks Using MPI-Enabled HPC	Jazan University, KSA	2024	12000 SAR
3	Dr. Farhan Qamar	DASH-AI: Distributed Accelerated Sample Application on HPC for High Throughput	NESCOM	2025	0.2 Million
4	Dr. Farhan Qamar	Big Data LAB Development	HEC	2025	10 Million
5	Prof. Dr. Muhammad Haroon Yousaf	Real-time Plotting of PTZ Camera Footprint (based on FoV) on Geo-referenced Map/Imagery	NESCOM	2020	0.15 Million
6	Prof. Dr. Muhammad Haroon Yousaf	Real-time Behavioral Analysis of an Individual from Live Video Stream	NESCOM	2020	0.2 Million
7	Prof. Dr. Muhammad Haroon Yousaf	Robustifying Object Detectors against Camouflage	NESCOM	2021	0.2 Million
8	Prof. Dr. Muhammad Haroon Yousaf	Decentralized Formation Control for Multi-Rotor UAV's	NESCOM	2022	0.25 Million

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9	Prof. Dr. Muhammad Haroon Yousaf	Intel/OpenCV AI Competition - Finalist	Intel/OpenCV	2021	3898 US\$
10	Prof. Dr. Muhammad Haroon Yousaf	IEEE Signal Processing Society and HAC on Signal Processing Technologies for Local Community Challenges	IEEE	2022	1920 US\$
11	Prof. Dr. Muhammad Haroon Yousaf	GymUstaad: Design and Development of Smart AI-Enabled System for Fitness Coaching	HEC	2022	5.1 million
12	Prof. Dr. Muhammad Haroon Yousaf	IntelliSurv: An Intelligent Surveillance System for Detection of Anomalies in Real-time Videos	PAF-IAST	2021	5.5 million
13	Prof. Dr. Muhammad Haroon Yousaf	Mitigating presentation attacks in remote identity proofing (MIMER): Pakistan in Focus	UKRI-EPSRC	2024	53962 Pounds
14	Prof. Dr. Muhammad Haroon Yousaf	UK-Pakistan Generative AI Nexus for Higher Education (UPGAIN)	British Council	2024	22500 Pounds
15	Prof. Dr. Muhammad Haroon Yousaf	Democratizing Robotics in Pakistan: Design and Development of Multidimensional Robotic Platform for STEM Education	HEC	2024	13 million

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16	Prof. Dr. Muhammad Haroon Yousaf	DeAPGuARD – Deepfake Audio exploitation Prevention & Guarding Against Real-time Deception	HEC	2025	11.8 million
17	Dr Sanay Muhammad Umar Saeed	Comparative and Algorithmic Analysis and Performance Evaluation of DIFM Receivers	NESCOM	2024	0.3 million
18	Dr. Romana Farhan	Quantum Optical Noise Digitization	NESCOM	2025	0.2 million

