

Abid Rafique

Associate Professor of Practice

School of Electrical Engineering and Computer Science

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Contact:



About

Dr. Abid Rafique is working as Associate Professor of Practice in the School of Electrical Engineering and Computer Science. Dr. Abid Rafique has a PhD in High Performance Scientific Computing. Dr. Abid Rafique has published 1 research articles & conference papers, carried out 5 projects and filed 0 intellectual property.

Qualifications

PhD in High Performance Scientific Computing Imperial College London , United Kingdom	2010 - 2014
MS in Communication Electronics Technology University of Munich (TUM) , Germany	2007 - 2009
BE in Computer Engg NUST, Islamabad , Pakistan	1998 - 2002

Experience

Associate Professor of Practice School of Electrical Engineering and Computer Science	2025- Present
Associate Professor of Practice School of Electrical Engineering and Computer Science	2024 - 2025
Associate Professor of Practice School of Electrical Engineering and Computer Science	2024 - 2024
Assistant Professor School of Electrical Engineering and Computer Science	2021 - 2024
Project Director NESCOM , H-11/4, NESCOM HQ	2002 - 2021

Research Projects

National Projects

Indigenous FPGA	2023
Funding Agency: NUST	
Amount: PKR 67,390,000.00	
Status: Approved_inprocess	
Indigenous Microprocessor	2023
Funding Agency: NUST	
Amount: PKR 840,000.00	
Status: Approved_inprocess	
RoboGuard: AI-Powered Automated Identity Verification of Persons at Entrance	2022
Funding Agency: NUST	
Amount: PKR 1,000,000.00	
Status: Approved_inprocess	
SafeRail: Development of Obstacle Detection and Warning System using Microwave Long Range Radar for ML-1 Railway Line	2021
Funding Agency: HEC	
Amount: PKR 39,918,000.00	
Status: Completed	

International Projects

Industry Projects

National Projects

Development of 3D Scanner for SubseaScanning Application	2024
Client: SubseaScanning AS	
Amount: PKR 9,213,120.00	
Status: Approved_inprocess	

International Projects

Conference Proceedings

High Throughput Neural Network for Network Intrusion Detection on FPGAs : An Algorithm-Architecture Interaction	2024
Muhammad Ali Farooq Syed Muhammad Fasih UI Hassan Muhammad Umer Farooq Dr. Abid Rafique	
10th International Conference on Information Systems Security and Privacy, res.country(109,)	
Citations: N/A	
DOI: Nil	