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   2010 - 2014
  Imperial College London , United Kingdom

MS in Communication Electronics   2007 - 2009
  Technology University of Munich (TUM) , Germany

BE in Computer Engg   1998 - 2002
  NUST, Islamabad , Pakistan

Experience

Associate Professor of Practice   2025- Present
  School of Electrical Engineering and Computer Science

Associate Professor of Practice   2024 - 2025
  School of Electrical Engineering and Computer Science

Associate Professor of Practice   2024 - 2024
  School of Electrical Engineering and Computer Science

Assistant Professor   2021 - 2024
  School of Electrical Engineering and Computer Science

Project Director   2002 - 2021
  NESCOM , H-11/4, NESCOM HQ

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 Ul Hassan Muhammad Umer Farooq Dr. Abid Rafique

10th International Conference on Information Systems Security and Privacy, res.country(109,)

Citations: N/A
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