Urooj Fatima

Assistant Professor

College of Electrical & Mechanical Engineering

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About

Dr. Urooj Fatima is working as Assistant Professor in the College of Electrical & Mechanical Engineering. Dr. Urooj Fatima has a PhD in Systems Modelling And Analysis. Dr. Urooj Fatima has published 6 research articles & conference papers having a citation count of 12, carried out 2 projects and filed 0 intellectual property.

Qualifications

PhD in Systems Modelling And Analysis 2011 - 2017
  Norwegian University of Science and Technology , Norway

MPhil in Service And System Engineering 2008 - 2010
  Norwegian University of Science and Technology , Norway

B.Sc (Hon) in Computer Engineering 2003 - 2006
  UET Taxila , Pakistan

Experience

Assistant Professor 2022- Present
  College of Electrical & Mechanical Engineering

Assistant Professor 2021 - 2017
  College of Electrical & Mechanical Engineering

Assistant Professor 2017 - 2021
  College of Electrical & Mechanical Engineering

Monitoring Officer 2007 - 2008
  Planning Commission , Ministry of Planning, Development and Reform

Lab Engr 2006 - 2007
  UET, Taxila ,

Awards

Silver Medal 2006
  Secured 2nd position in B.Sc. Computer Engineering, University of Engineering and Technology, Taxila, Obtained 89.11% marks.

Professional Memberships

PEC

Research Projects

National Projects

A Model-driven Framework for simultaneously supporting Multiple Representations of Embedded System Designs to improve Productivity (MRED)   2022
   Funding Agency: HEC
   Amount: PKR 20,383,000.00
   Status: Approved_inprocess

Investigation of Reliability Problems Across interfaces using the Interface Modular Method   2018
   Funding Agency: HEC
   Amount: PKR 340,260.00
   Status: Completed

International Projects

Research Articles

A novel framework for testing high-speed serial interfaces in multiprocessor based real-time embedded system   2021

Sabeen Masood Shoab Ahmed Khan Ali Hassan Urooj Fatima

Applied Sciences , Volume 11, Issue 16, Article Number 7465

Impact Factor: 2.838 | **Quartile:** 2 | **Citations:** 3
DOI: https://doi.org/10.3390/app11167465

Multi-objective regression test suite optimization using three variants of adaptive neuro fuzzy inference system   2020

Ayesha Kiran Wasi Haider Butt Arsalan Shaukat Muhammad Umar Farooq Urooj Fatima Farooque Azam Zeeshan Anwar

PloS One , Volume 15(12), Article Number e0242708

Impact Factor: 3.240 | **Quartile:** 2 | **Citations:** 9
DOI: https://doi.org/10.1371/journal.pone.0242708

Conference Proceedings

A Novel Model Driven Framework for Image Enhancement and Object Recognition   2020

Wasi Haider Butt Yawar Rasheed Muhammad Abbas Muhammad Waseem Anwar Urooj Fatima

International Conference on Information and Software Technologies, ICIST 2020, res.country(132,)

Citations: N/A
DOI: 10.1007/978-3-030-59506-7_2

Mixed Initiative Realizability Problem Resolution Using UML Composite States   2020

Muhammad Sohaib Munir Hafsa Tanveer Urooj Fatima Muhammad Sohaib Munir Hafsa Tanveer Urooj Fatima

9th International Conference on Software and Computer Applications, res.country(157,)

Citations: N/A
DOI: 10.1145/3384544.3384550

A Systematic Literature Review on Factors Impacting Agile Adaptation in Global Software Development   2019

Areebah Altaf Urooj Fatima Wasi Haider Butt Muhammad Waseem Anwar Maryum Hamdani

The 7th International Conference on Computer and Communications Management, res.country(217,)

Citations: N/A
DOI: 10.1145/3348445.3348463

A Survey on Contemporary Inventory Techniques and Problems Faced By Manufacturing Organizations in Pakistan   2019

Nadia Ambreen Shoab Khan Urooj Fatima

2019 IEEE 10th International Conference on Mechanical and Intelligent Manufacturing Technologies (ICMIMT), res.country(247,)

Citations: N/A
DOI: 10.1109/ICMIMT.2019.8712008

Editorial Activities

2020

Reviewed Papers for Journals

2020

Reviewed Papers for Journals

2020

Reviewed Papers for Journals

2020

Reviewed Papers for Journals