

Sidra Sultana


Assistant Professor

School of Electrical Engineering and Computer Science

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About

Dr. Sidra Sultana is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Sidra Sultana has a PhD in Software Modeling And Verification In Real Time Systems. Dr. Sidra Sultana has published 9 research articles & conference papers having a citation count of 14, carried out 1 projects and filed 4 intellectual property.

Qualifications

PhD in Software Modeling And Verification In Real Time Systems	2013 - 2018
NUST, Islamabad , Pakistan	
MS in Aspect Oriented Programming	2010 - 2013
NUST, Islamabad , Pakistan	
BE in Software Engineering	2010 - 2010
Fatima Jinnah Women University , Pakistan	

Experience

Assistant Professor	2019- Present
School of Electrical Engineering and Computer Science	
HoD Computing	2015 - 2019
Abasyn University Islamabad Campus , Park Road, Chak Shahzad	
Software Engineer	2011 - 2012
Yuztech , Gulshan a abad, Rawalpindi	
Software Engineer	2010 - 2010
DiscreteLogix , STP	

Awards

Research Projects

National Projects	
Zero-G Mysteries: Biomechanics of Astronauts in Microgravity using joint based mechanical loading simulations	2024
Funding Agency: NUST	
Amount: PKR 1,000,000.00	
Status: Approved_inprocess	

International Projects

## Research Articles

- A comparison of the effects of individual and team participation in gamified lessons on assessment performance** 2024  
*Fahad Ansari Tahira Anwar Lashari Farzana Jabeen Sidra Sultana Sana Anwar Lashari*  
*Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition)*, Volume 43, Issue 08, Pages 87-106  
**Impact Factor:** N/A  
**DOI:** 10.5281/zenodo.13284791
- Kahoot: A game-based web tool to assess motivation, engagement fun, and learning outcomes among engineers** 2023  
*Tahira Anwar Lashari Rimsha Fiayaz Saima Anwar Lashari Ijaz Khan Sidra Sultana Tashfa Afzal*  
*Computer Applications in Engineering Education*, Pages 1-24  
**Impact Factor:** 2.9 | **Quartile:** 2 | **Citations:** 8  
**DOI:** <https://doi.org/10.1002/cae.22684>
- Computational Conversion via Translation Rules for Transforming C++ Code Into UPPAAL's Automata** 2017  
*Fahim Arif Sidra Sultana*  
*IEEE Access*, Volume 5, Pages 14455-14467  
**Impact Factor:** 3.557 | **Quartile:** 1 | **Citations:** 6  
**DOI:** 10.1109/ACCESS.2017.2728860
- From Verification to Implementation: UPPAAL to C++** 2016  
*Sidra Sultana Fahim Arif*  
*American Journal of Engineering Research*, Volume 5(7), Pages 269-274  
**Impact Factor:** -  
**DOI:** -
- The Proposed Blended-MDA for Software Modeling in Architecture Phase** 2016  
*Sidra Sultana Fahim Arif Iqra Javaid*  
*American Journal of Engineering Research (AJER)*, Volume-5, Issue-7, Pages 275-279  
**Impact Factor:** -  
**DOI:** -

## Conference Proceedings

- Leukemia Cancer Classification using Micro Gene Array Dataset** 2024  
*Shifa Fatima Nazia Perwaiz Sidra Sultana Farzana Jabeen Nazia Perwaiz Tahira Anwar Lashari*  
*21st International Conference on Frontiers of Information Technology (FIT'24)*, res.country(177,)  
**Citations:** N/A  
**DOI:** Nil
- Modeling and Verification of Car Parking System** 2019  
*HADIQA ALAMDAR BUKHARI Sidra Sultana*  
*ICSEA 2019 : The Fourteenth International Conference on Software Engineering Advances*, res.country(68,)  
**Citations:** N/A  
**DOI:** ISBN: 978-1-61208-752-8
- Lightweight Virtual Machine Mapping for Data Centers** 2019  
*Aaqif Afzaal Abbasi Mohammed A. A. Al-qaness Ammar Hawbani Sameen Javed Sunghwan Kim Sidra Sultana*  
*2019 IEEE International Conferences on Ubiquitous Computing & Communications (IUCC) and Data Science and Computational Intelligence (DSCI) and Smart Computing, Networking and Services (SmartCNS)*, res.country(48,)  
**Citations:** N/A  
**DOI:** 10.1109/IUCC/DSCI/SmartCNS.2019.00080
- Separation of Concerns and Code Enhancement: Aspect Oriented Programming Vs Customization Approach Followed in Open Source Softwares** 2013  
*Fahim Arif Sidra Sultana*  
*8th International Conference on Software Engineering Advances held from 27 Oct to 01 Nov 2013 in Italy*, res.country(109,)  
**Citations:** N/A  
**DOI:** -

Editorial Activities

Reviewed Papers for Journals	2020
Reviewed Papers for Journals	2019
Reviewed Papers for Journals	2019
Edited Journal Issue / Proceeding / Book	2019

Intellectual Property

Copyrights

<b>Criclions</b> Status: Filed	2023
<b>User Interface of Criclion</b> Status: Filed	2023
<b>Intelligent Grepbing</b> Status: Filed	2023
<b>User Interface of Intelligent Grepbing</b> Status: Filed	2023

Patents

Industrial Designs

Trademarks