Rameez Hayat

Assistant Professor

School of Electrical Engineering and Computer Science

Email: rameez.hayat@seecs.edu.pk
Contact: 00000000
LinkedIn:

About

Dr. Rameez Hayat is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Rameez Hayat has a PhD in Electrical (Automation And Control). Dr. Rameez Hayat has published 5 research articles & conference papers having a citation count of 24, carried out 4 projects and filed 0 intellectual property.

Qualifications

PhD in Electrical (Automation And Control) 2014 - 2019
Technische Universität München , Pakistan

MS in Control 2010 - 2012
Ghulam Ishaq Khan Institute of Science & Technology , Pakistan

BS in Electronic 2006 - 2010
International Islamic University , Pakistan

Experience

Assistant Professor 2023- Present
School of Electrical Engineering and Computer Science

Assistant Professor 2022 - 2023
School of Electrical Engineering and Computer Science

Assistant Professor 2020 - 2022
School of Electrical Engineering and Computer Science

Research Associate 2014 - 2019
Technical University of Munich , Munich, Germany

Lecturer (Research Associate) 2012 - 2014
GIK Institute , Topi, Swabi, Pakistan

Research Projects

National Projects

Securing Socio-Economic Stability and Data-Driven Resilience for Ungauged Namal Valley Watershed at Monsoon Margins - Phase 2 2023

Funding Agency: DAAD
Amount: PKR 2,773,438.00
Status: Completed

Validation of Model-Free Intelligent Controllers for Robotic Arms and Renewable Systems 2022

Funding Agency: DAAD and SEED Grant (NUST)
Amount: PKR 10,094,391.00
Status: Approved_inprocess

Adaptive Controller Design and Validation of Electric Vehicle Charger 2022

Funding Agency: NUST
Amount: PKR 1,000,000.00
Status: Approved_inprocess

Securing Socio-Economic Stability and Data-Driven Resilience for Ungauged Namal Valley Watershed at Monsoon Margins 2022

Funding Agency: DAAD
Amount: PKR 11,699,289.00
Status: Completed

International Projects

Research Articles

Addressing control implementation issues in robotic systems using adaptive control 2020

Marion Leibold Martin Buss Rameez Hayat Marion Leibold Martin Buss

Robotica , Volume 38, Issue 1, Pages 171-184

Impact Factor: 2.088 | **Quartile:** 3 | **Citations:** 8
DOI: https://doi.org/10.1017/S0263574719000547

Robust-Adaptive Controller Design for Robot Manipulators Using the H∞ Approach 2018

Marion Leibold Martin Buss Rameez Hayat Marion Leibold Martin Buss

IEEE Access , Volume 6, Pages 51626-51639

Impact Factor: 4.098 | **Quartile:** 1 | **Citations:** 16
DOI: 10.1109/ACCESS.2018.2870292

Conference Proceedings

Protective control for robot manipulator by sliding mode based disturbance reconstruction approach 2017

Yiyong Sun Zengjie Zhang Marion Leibold Rameez Hayat Dirk Wollherr Martin Buss

IEEE International Conference on Advanced Intelligent Mechatronics (AIM), res.country(57,)

Citations: N/A
DOI: 10.1109/AIM.2017.8014152

Model identification for robot manipulators using regressor-free adaptive control 2016

Rameez Hayat Martin Buss

2016 UKACC 11th International Conference on Control (CONTROL), res.country(231,)

Citations: N/A
DOI: 10.1109/CONTROL.2016.7737544

Constraint optimization of dead-time processes using Smith-Predictor 2013

Rameez Hayat Nisar Ahmed

IEEE 9th International Conference on Emerging Technologies (ICET), res.country(177,)

Citations: N/A
DOI: 10.1109/ICET.2013.6743546

Editorial Activities

2021

Reviewed Papers for Journals
Impact Factor: NA

2021

Reviewed Papers for Journals
Impact Factor: NA

2021

Reviewed Papers for Journals
Impact Factor: NA

2021

Reviewed Papers for Journals
Impact Factor: NA

2021

Reviewed Papers for Journals
Impact Factor: NA

2021

Reviewed Papers for Journals
Impact Factor: NA

2021

Reviewed Papers for Journals
Impact Factor: NA