

Sadia Riaz

Assistant Professor

College of Electrical & Mechanical Engineering

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About

Dr. Sadia Riaz is working as Assistant Professor in the College of Electrical & Mechanical Engineering. Dr. Sadia Riaz has published 8 research articles & conference papers having a citation count of 7, carried out 0 projects and filed 0 intellectual property.

Qualifications

MS in Mechanical	2008 - 2010
NUST, Islamabad , Pakistan	
BS in Mechanical Engineering	2004 - 2007
NUST, Islamabad , Pakistan	

Experience

Assistant Professor	2023- Present
College of Electrical & Mechanical Engineering	
Assistant Professor	2020 - 2020
College of Electrical & Mechanical Engineering	
Assistant Professor	2013 - 2011
College of Electrical & Mechanical Engineering	
Lecturer	2011 - 2020
College of Electrical & Mechanical Engineering	
	- Present

Research Articles

- INS/GPS Based State Estimation of Micro Air Vehicles Parametric Study Using Extended Kalman Filter (EKF) Schemes** 2019
Sadia Riaz
Innovative Systems Design and Engineering, Vol 2, No 3
Impact Factor: 0
DOI: -
- Hydrodynamic Conjunction of Textured Journal Surface—Bearing for Improved Frictional Response during Warm-Up of an Internal Combustion Engine** 2018
Ali Usman Sadia Riaz Cheol Woo Park
Energies, Volume 11, No 12
Impact Factor: 2.707 | **Quartile:** 3 | **Citations:** 3
DOI: 10.3390/en11123515
- THREE STAGE DISCRTETE TIME EXTENDED KALMAN FILTER SCHEME FOR MICRO AIR VEHICLES** 2012
Ali Usman Sadia Riaz
International Journal of Research and Reviews in Applied Sciences (IJRRAS), volume 11, issue 1
Impact Factor: 0
DOI: https://www.arpapress.com/Volumes/Vol11Issue1/IJRRAS_11_1_11.pdf
- TWO STAGE DISCRETE TIME EXTENDED KALMAN FILTER SCHEME FOR MICRO AIR VEHICLE** 2012
Ali Usman Sadia Riaz
International Journal of Advances in Engineering and Technology (IJAET), vol 3, issue 1, page 76-83
Impact Factor: 0
DOI: <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.667.3593&rep=rep1&type=pdf>
- INS/GPS Based State Estimation of Micro Air Vehicles Using Inertial Sensors** 2011
Atif Bin Asghar Sadia Riaz
Innovative Systems Design and Engineering, Vol 2, No 5
Impact Factor: 0
DOI: <https://pdfs.semanticscholar.org/91ff/07d29e097cf955cb391f77c045509ec21dec.pdf>
- Mathematical Modeling of INS/GPS Based Navigation System Using Discrete Time Extended Kalman Filter Schemes for Flapping Micro Air Vehicle** 2011
Sadia Riaz
International Journal of Micro Air Vehicles, Volume: 3 Issue: 1 Pages: 25-33
Impact Factor: N/A | **Citations:** 4
DOI: 10.1260/1756-8293.3.1.25

Conference Proceedings

- Mathematical Modeling of Single Stage Seven States Discrete Time Extended Kalman Filter Scheme for Micro Air Vehicle** 2011
Sadia Riaz
International Conference on Mechanical, Automobile and Robotics Engineering (ICMAR'2011), res.country(217,)
Citations: N/A
DOI: <http://psrcentre.org/images/extraimages/35.%201011085.pdf>
- Single Seven State Discrete Time Extended Kalman Filter for Micro Air Vehicle** 2010
Dr. Afzaal M. Malik Sadia Riaz
World Congress on Engineering 2010 Vol II, res.country(231,)
Citations: N/A
DOI: www.researchgate.net/publication/45534628