

Muhammad Anis Chaudhary

Assistant Professor

College of Electrical & Mechanical Engineering

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About

Dr. Muhammad Anis Chaudhary is working as Assistant Professor in the College of Electrical & Mechanical Engineering. Dr. Muhammad Anis Chaudhary has a PhD in Electrical Engineering. Dr. Muhammad Anis Chaudhary has published 5 research articles & conference papers having a citation count of 18, carried out 1 projects and filed 10 intellectual property.

Qualifications

PhD in Electrical Engineering Capital University of Science and Technology, Islamabad , Pakistan	2018 - 2022
MS in Electrical Engineering NUST, Islamabad , Pakistan	2004 - 2010
BE in Electrical Engineering NUST, Islamabad , Pakistan	1999 - 2003

Experience

Assistant Professor College of Electrical & Mechanical Engineering	2010- Present
Demonstrator College of Electrical & Mechanical Engineering	2006 - 2010

Professional Memberships

PEC	Since 2011
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Research Projects

National Projects	
Indigenous Development of Ground Surveillance Radar (NR-V3) Funding Agency: DGMP Amount: PKR 73,340,000.00 Status: Completed	2014

International Projects

Research Articles

Pseudoelliptic Waveguide Filters Using U-shaped Ridge Resonators

2023

Muhammad Anis Chaudhary Muhammad Mansoor Ahmed

IEEE Transactions on Circuits and Systems II: Express Briefs, Volume 70, Issue 2, Pages 371-375

Impact Factor: 3.691 | **Quartile:** 2 | **Citations:** 7

DOI: 10.1109/TCSII.2022.3173377

Inline pseudoelliptic waveguide filters using asymmetric Iris coupled transverse rectangular ridge resonators

2022

Muhammad Anis Chaudhary Muhammad Mansoor Ahmed

International Journal of Microwave and Wireless Technologies, Volume 14, Issue 5, Pages 537-545

Impact Factor: 1.090 | **Quartile:** 4 | **Citations:** 3

DOI: <https://doi.org/10.1017/S1759078721000544>

Inline Waveguide Pseudo-Elliptic Filters Using Non-Resonating Modes with Folded-Waveguide Resonators

2021

Muhammad Anis Chaudhary Muhammad Mansoor Ahmed

IEEE Access, Volume 9, Pages 140841-140852

Impact Factor: 3.476 | **Quartile:** 2 | **Citations:** 8

DOI: <https://doi.org/10.1109/ACCESS.2021.3119698>

Conference Proceedings

Parameter Extraction of Composite Right / Left Handed (CRLH) Transmission Line Unit Cell Using Off Resonance Method

2017

Muhammad Anis Chaudhary Zubair Ahmed Mojeeb Bin Ihsan Alyna Ali Chaudhry Javeria Khanum Arif

14th International Bhurban Conference on Applied Sciences & Technology (IBCAST), res.country(177,)

Citations: N/A

DOI: 10.1109/IBCAST.2017.7868142

Performance comparison of π /2 and ring resonator based oscillators

2014

Muhammad Anis Chaudhary Mojeeb Bin Ihsan Muhammad Shehbaz Ijteba-ul-Hasnain Shah, Habib Ahmad

2014 11th International Bhurban Conference on Applied Sciences & Technology (IBCAST), res.country(177,)

Citations: N/A

DOI: 10.1109/IBCAST.2014.6778193

Intellectual Property

Copyrights

Patents

Industrial Designs

NRV3 Radar Thermal System (Class-01)	2021
Status: Filed	
NRV3 Radar Heat Sink Assembly (Class-01)	2021
Status: Filed	
NRV3 Radar FGU Rx Assembly (Class-01)	2021
Status: Filed	
NRV3 Radar FGU Tx Assembly (Class-01)	2021
Status: Filed	
NRV3 Radar Casing Internal Assembly (Class-01)	2021
Status: Filed	
NRV3 Radar Antenna Assembly (Class-01)	2021
Status: Filed	
Ground Surveillance Radar NRV3 (MAHZ-1) (Class 01)	2021
Status: Filed	
Tripod of Ground Surveillance Radar NRV3(MAHZ-1) (Class01)	2019
Status: Granted Filed	
Radar Casing of Ground Surveillance Radar NRV3 (MAHZ-1) (Class01)	2019
Status: Granted Filed	
Turn Tilt Platform of Ground Surveillance Radar NRV3(MAHZ-1) (Class01)	2019
Status: Granted Filed	

Trademarks