Hina Gohar

Assistant Professor

Pakistan Navy Engineering College

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About

Dr. Hina Gohar is working as Assistant Professor in the Pakistan Navy Engineering College. Dr. Hina Gohar has a PhD in Phd In Electrical And Telecommunication Engineering. Dr. Hina Gohar has published 10 research articles & conference papers having a citation count of 74, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Phd In Electrical And Telecommunication Engineering 2016 - 2020
Universitat Autónoma de Barcelona , Spain

MS in Electronic Engineering 2013 - 2015
Ghulam Ishaq Khan Institute of Science & Technology , Pakistan

BE in Electronics Engineering 2007 - 2010
NED UET Karachi , Pakistan

Experience

Assistant Professor 2023- Present
Pakistan Navy Engineering College

Assistant Professor 2022 - 2023
Pakistan Navy Engineering College

Assistant Professor 2021 - 2022
School of Electrical Engineering and Computer Science

Visiting Researcher 2019 - 2020
Department of Electrical Engineering Istanbul Technical University(ITU) , Istanbul, Turkey

Visiting Researcher 2019 - 2019
University of Bogota Jorge Tadeo , Bogota, Colombia

Doctorate Researcher 2018 - 2020
Universitat Autonoma de Barcelona, Spain , UAB Bellatera, Cerdanyola del Valles, Spain

Lecturer 2015 - 2016
Balochistan University of Information Technology and Management Sciences , BUITEMS, Takatu Campus, Quetta

Teaching Assistant 2013 - 2014
Ghulam Ishaq Khan Institute GIK , GIK Institute TOpi, Swabi KPK Pakistan

Professional Memberships

PEC

Research Articles

Chattering Free Adaptive Sliding Mode Controller for Photovoltaic Panels with Maximum Power Point Tracking 2020

Hina Gohar Ramon Vilanova Arbos

Energies , Volume 13(21), Article Number 5678

Impact Factor: 3.004 | **Quartile:** 3 | **Citations:** 12

DOI: https://doi.org/10.3390/en13215678

Non-Linear Sliding Mode Controller for Photovoltaic Panels with Maximum Power Point Tracking 2020

Hina Gohar Ramon Vilanova Arbos Jorge Herrera Andrés Tobón Julián Peláez-Restrepo

Processes , Volume 8(1), Article Number 108

Impact Factor: 2.847 | **Quartile:** 3 | **Citations:** 42

DOI: https://doi.org/10.3390/pr8010108

Intelligent Control of Wind-Assisted PHEVs Smart Charging Station 2019

Syed Zulqadar Hassan Tariq Kamal Muhammad Hussnain Riaz Syed Aamir Hussain Shah Hina Gohar Muhammad Tanveer Riaz Muhammad Sarmad Amir Zahoor Muhammad Abbas Khan Julio Pascual Miqueleiz

Energies , Volume 12, Issue 5, Article Number: 909

Impact Factor: 2.702 | **Quartile:** 3 | **Citations:** 20

DOI: DOI: 10.3390/en12050909

Conference Proceedings

ANFIS based MPPT Controller in PV Electrical Generation 2022

Asim Fareed Hina Gohar Ali Ahmed Rasheed

19th International Bhurban Conference on Applied Sciences and Technology (IBCAST)-2022, res.country(177,)

Citations: N/A

DOI: Nil

Improved Pattern Search Method based Adaptive Sliding Mode MPPT Control of Solar Photovoltaic System 2021

Hina Gohar Ali

7th International Conference on Engineering and Emerging Technologies (ICEET), res.country(224,)

Citations: N/A

DOI: 10.1109/ICEET53442.2021.9659555

Perturb & Observe based Adaptive Sliding Mode MPPT Control of Solar Photovoltaic System 2020

Hina Gohar Ali Ramon Vilanova Julin Pelez-Restrepo

2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe, res.country(68,)

Citations: N/A

DOI: 10.1109/EEEIC/ICPSEurope49358.2020.9160539

Perturb & Observe based Integer Order Sliding Mode MPPT Control of Solar Photovoltaic 2019

Hina Gohar Ali Jorge Herrera Ramon Vilanova Syed Attique Shah

6th International Conference on Automation, Control, Engineering & Computer Science (ACECS-2019), res.country(224,)

Citations: N/A

DOI: http://ipco-co.com/PET_Journal/proceedings%20acecs.pdf

Integration and simulation of wind with hydrogen/supercapacitor storage hybrid system 2017

Syed Zulqadar Hassan Hui Li ŞuaybÇağrıyener Tariq Kamal Gussan Maaz Mufti Muhammad Hamza Waseem Hina Gohar Ali

2017 International Conference on Electrical Engineering (ICEE) , res.country(177,)

Citations: N/A

DOI: 10.1109/ICEE.2017.7893444

An Intelligent MPPT Design of DC-DC Converter for PV in a PV/SC Hybrid Power System 2016

Tariq Kamal Mithulananthan Nadarajah Syed Zulqadar Hassan Umair Younas Hina Gohar Ali Alfredo Vaccaro

4th International Conference on Energy, Environment and Sustainable Development 2016 (EESD 2016), res.country(177,)

Citations: N/A

DOI: ISBN: 978-969-7710-00-3

Non-inductive DC-DC regulated boost converter as battery charger for photovoltaic installation 2015

Hina Gohar Ali Adnan Noor Malik Abbas Dr. Khasan S. Karimov

2015 Power Generation System and Renewable Energy Technologies (PGSRET) , res.country(177,)

Citations: N/A

DOI: 10.1109/PGSRET.2015.7312253