

# Kashif Imran

Associate Professor

US-Pakistan Center for Advanced Studies in Energy

Email: kashifimran@uspcase.nust.edu.pk

Contact:

LinkedIn: <https://www.linkedin.com/in/kashif-imran-44006927/>



## About

Dr. Kashif Imran is working as Associate Professor in the US-Pakistan Center for Advanced Studies in Energy. Dr. Kashif Imran has a PhD in Electrical Power Engineering. Dr. Kashif Imran has published 94 research articles & conference papers having a citation count of 1125, carried out 9 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Electrical Power Engineering</b> University of Strathclyde , United Kingdom	2011 - 2015
<b>MS in Electrical Power Engineering</b> UET Lahore , Pakistan	2006 - 2008
<b>BS in Electrical Engineering</b> UET Lahore , Pakistan	2002 - 2006

## Experience

<b>Associate Professor</b> US-Pakistan Center for Advanced Studies in Energy	2024- Present
<b>Associate Professor</b> US-Pakistan Center for Advanced Studies in Energy	2022 - 2021
<b>Associate Professor</b> US-Pakistan Center for Advanced Studies in Energy	2021 - 2022
<b>Assistant Professor</b> US-Pakistan Center for Advanced Studies in Energy	2019 - 2016
<b>Assistant Professor</b> Centre for Energy System	2016 - 2022
<b>Associate Professor</b> USPCASE, NUST , H-12 Campus, Islamabad	2021 - 2022
<b>HoD EE(P)</b> USPCASE, NUST , H-12 Campus, Islamabad	2017 - 2021
<b>Assistant Professor</b> USPCAS-E, NUST , H-12 Campus, Islamabad	2016 - 2021
<b>Assistant Professor</b> COMSATS University Islamabad , Lahore	2007 - 2016
<b>Engineer</b> National Engineering Services Pakistan , Lahore	2006 - 2007
<b>Engineer</b> SIEMENS , Lahore	2006 - 2006
<b>Lecturer/Lab Engineer</b> UET Lahore , Lahore	2006 - 2006

Awards

<b>Invited Op-Ed</b> Op-Ed invited and published by East Asia Forum based at Australian National University, November 2020	2020
<b>Invited by BritishCouncil</b> Invited to Thought Leaders' Summit 2020 by British Council, March 2020	2020
<b>Trainer for CPPAG</b> Trainer and Reviewer in "Electricity Market Professional" training organized by Central Power Purchasing Agency (CPPAG) of Pakistan, 2018	2018
<b>Collaboration with NEPRA</b> Collaboration with National Electric Power Regulatory Authority (NEPRA) recognized in NEPRA's State of Industry Report 2017 published in 2018	2018
<b>HEC Best Research Paper</b> HEC Best Research Paper Award 2011 in Engineering and Technology	2015
<b>Commonwealth Scholarship</b> PhD Scholarship by Commission Scholarship Commission UK	2011
<b>Invited Speaker at NEPRA</b> Invited Speaker at NEPRA Energy Week, February 2020	

Professional Memberships

<b>PEC</b>	Since 2006
------------	------------

Research Projects

<b>National Projects</b>	
<b>Socio-Economic Assessment and Low Carbon Expansion planning model for Energy Projects under CPEC</b> <b>Funding Agency:</b> HEC <b>Amount:</b> PKR 9,057,528.00 <b>Status:</b> Approved_inprocess	2024
<b>Creating Climate Resilience through Energy Transition: Fostering Innovation and Awareness in Pakistan</b> <b>Funding Agency:</b> Tara Climate Ltd <b>Amount:</b> PKR 18,900,120.00 <b>Status:</b> Approved_inprocess	2023
<b>Developing the Strategy for Policy Oriented Energy Research Modeling at USPCAS-E - NUST</b> <b>Funding Agency:</b> USAID <b>Amount:</b> PKR 2,700,000.00 <b>Status:</b> Completed	2017
<b>IoT Based Industrial Load Monitoring and Management System</b> <b>Funding Agency:</b> HEC <b>Amount:</b> PKR 13,600,000.00 <b>Status:</b> Completed	2019
<b>International Projects</b>	

Industry Projects

National Projects

<b>Strengthening Gender Capacity of Pakistan's National Grid Company through Technical Training</b> Client: Asian Development Bank Amount: PKR 1,344,000.00 Status: Completed	2024
<b>External, mid-term evaluation of SoLAR Project - Pakistan</b> Client: Swiss Agency for Development and Cooperation (SDC) Amount: PKR 575,750.00 Status: Completed	2023
<b>Overview of Pakistan's Power Sector and its Future Outlook</b> Client: China Three Gorges Corporation (CTC) Amount: PKR 1,000,000.00 Status: Completed	2022
<b>Provision of Solar Dryer</b> Client: Islamic Relief Pakistan Amount: PKR 732,600.00 Status: Completed	2018

International Projects

<b>Consultancy for Third Party Validation of 60 kW Solar PV System – IRC at Sector I-9/3 Islamabad</b> Client: International Rescue Committee Amount: PKR 900,000.00 Status: Completed	2024
---	------

Research Articles

<b>Modified passive anti-islanding scheme with dual indices and u-transform-based state estimation</b> <i>Huma umber Naz Faisal Mumtaz Kashif Imran Syed Basit Ali Bukhari</i> <i>Electric Power Systems Research</i> , Volume:247, Article Number 111858 Impact Factor: 3.300   Quartile: 2 DOI: <a href="https://doi.org/10.1016/j.epsr.2025.111858">https://doi.org/10.1016/j.epsr.2025.111858</a>	2025
<b>Towards energy efficiency in Pakistan: An analysis of increasing integrated fuel demand using LEAP forecasting and backcasting</b> <i>Muhammad Shahid Kafait Ullah Kashif Imran Amjad Ali</i> <i>Fuel</i> , Volume 396, Article Number 135247 Impact Factor: 6.700   Quartile: 1 DOI: <a href="https://doi.org/10.1016/j.fuel.2025.135247">https://doi.org/10.1016/j.fuel.2025.135247</a>	2025
<b>Enhanced high voltage insulation performance of HTV silicon rubber nanocomposites filled with nano-TiO2 for outdoor applications</b> <i>Aqeel ur Rehman Muhammad Salman Khan ABRAIZ KHATTAK Nafees Ahmad Kashif Imran Yasin Khan Khalid Hamad Alkhalid</i> <i>Scientific Reports</i> , Volume:15, Article Number:23735, Pages:14 Impact Factor: 3.9   Quartile: 1 DOI: <a href="https://doi.org/10.1038/s41598-025-02730-4">https://doi.org/10.1038/s41598-025-02730-4</a>	2025
<b>Network reconfiguration and integration of distributed energy resources in distribution network by novel optimization techniques</b> <i>Muhammad Zubair Iftikhar Kashif Imran</i> <i>Energy Reports</i> , Volume 12, Pages 3155-3179 Impact Factor: 4.700   Quartile: 2   Citations: 7 DOI: <a href="https://doi.org/10.1016/j.egyr.2024.08.067">https://doi.org/10.1016/j.egyr.2024.08.067</a>	2024
<b>Optimal distributed generators allocation with various load models under load growth using a meta-heuristic technique</b> <i>Muhammad Zubair Iftikhar Kashif Imran Muhammad Imran Akbar Saim Ghafoor</i> <i>Renewable Energy Focus</i> , Volume 49, Article Number 100550 Impact Factor: 4.200   Quartile: 2   Citations: 7 DOI: <a href="https://doi.org/10.1016/j.ref.2024.100550">https://doi.org/10.1016/j.ref.2024.100550</a>	2024

<p><b>Novel protection method for AC microgrids with multiple distributed generations using Unscented Kalman filter</b></p> <p><i>Faisal Mumtaz Kashif Imran Habibur Rehman Syed Basit Ali Bukhari</i>  <i>Electric Power Systems Research</i>, Volume 230, Article Number: 110227</p> <p><b>Impact Factor:</b> 3.9   <b>Quartile:</b> 2   <b>Citations:</b> 16  <b>DOI:</b> 10.1016/j.epsr.2024.110227</p>	2024
<p><b>Framework for policy prescription to sustainably steer stochastic penetration of electric vehicles and solar PV in distribution network of a developing country</b></p> <p><i>Rimsha Razaq Kashif Imran Raveena Kumari Abdul Kashif Janjua Jiangfeng Zhang Maha Ittikhar Ammar Kharal</i>  <i>Renewable Energy Focus</i>, Volume 48, Article Number 100548</p> <p><b>Impact Factor:</b> 4.200   <b>Quartile:</b> 2   <b>Citations:</b> 2  <b>DOI:</b> <a href="https://doi.org/10.1016/j.ref.2024.100548">https://doi.org/10.1016/j.ref.2024.100548</a></p>	2024
<p><b>Hardware Supported Fault Detection and Localization Method for AC Microgrids Using Mathematical Morphology with State Observer Algorithm</b></p> <p><i>Faisal Mumtaz Kashif Imran Habibur Rehman Hammad Ali Qureshi</i>  <i>IEEE Access</i>, Volume:12, Page:12446-12457</p> <p><b>Impact Factor:</b> 3.9   <b>Quartile:</b> 2   <b>Citations:</b> 17  <b>DOI:</b> 10.1109/ACCESS.2024.3354790</p>	2024
<p><b>Biomass fly ash as nanofiller to improve the dielectric properties of low-density polyethylene for possible high-voltage applications</b></p> <p><i>Atizaz Hussain Akram Nida Naeem Asif Hussain Khoja Faisal Shahzad Abraiz Khattak Muhammad Ittikhar Kashif Imran Abdulaziz Al-Anazi Israf Ud Din Syec Sheraz Daood</i>  <i>Heliyon</i>, Volume 10, Issue 1, Article Number e23350</p> <p><b>Impact Factor:</b> 4.0   <b>Quartile:</b> 2   <b>Citations:</b> 7  <b>DOI:</b> <a href="https://doi.org/10.1016/j.heliyon.2023.e23350">https://doi.org/10.1016/j.heliyon.2023.e23350</a></p>	2024
<p><b>A decision-centric approach for techno-economic optimization and environmental assessment of standalone and grid-integrated renewable-powered electric vehicle charging stations under multiple planning horizons</b></p> <p><i>Shabieh Ul Hassan Muhammad Yousif Shahid Nawaz Khan Syed Ali Abbas Kazmi Kashif Imran</i>  <i>Energy Conversion and Management</i>, Volume 294, Article Number 117571</p> <p><b>Impact Factor:</b> 10.4   <b>Quartile:</b> 1   <b>Citations:</b> 26  <b>DOI:</b> 10.1016/j.enconman.2023.117571</p>	2023
<p><b>Optimal battery energy storage system deployment from perspectives of private investors and system operators for enhancing power system reliability</b></p> <p><i>Kinza Fida Kashif Imran Khawaja Khalid Mehmood Pakeeza Bano Abdullah Abosorrah Abdul Kashif Janjua</i>  <i>Journal of Energy Storage</i>, Volume 69, Article Number 107882</p> <p><b>Impact Factor:</b> 9.4   <b>Quartile:</b> 1   <b>Citations:</b> 15  <b>DOI:</b> <a href="https://doi.org/10.1016/j.est.2023.107882">doi.org/10.1016/j.est.2023.107882</a></p>	2023
<p><b>1D recursive median filter based passive islanding detection strategy for grid-connected distributed generations network</b></p> <p><i>Faisal Mumtaz Kashif Imran Habibur Rehman Syed Basit Ali Bukhari</i>  <i>IET Renewable Power Generation</i>, Pages 1-16</p> <p><b>Impact Factor:</b> 3.034   <b>Quartile:</b> 2   <b>Citations:</b> 27  <b>DOI:</b> <a href="https://doi.org/10.1049/rpg2.12708">https://doi.org/10.1049/rpg2.12708</a></p>	2023
<p><b>System and Market-Wide Impact Analysis of Coordinated Demand Response and Battery Storage Operation by a Load-Serving Entity</b></p> <p><i>Pakeeza Bano Kashif Imran Abdul Kashif Janjua Abdullah Abosorrah Kinza Fida Hesham Alhumade</i>  <i>Energies</i>, Volume 16, Issue 4, Article Number 1645</p> <p><b>Impact Factor:</b> 3.252   <b>Quartile:</b> 3   <b>Citations:</b> 1  <b>DOI:</b> <a href="https://doi.org/10.3390/en16041645">https://doi.org/10.3390/en16041645</a></p>	2023
<p><b>Harmonic Content-Based Protection Method for Microgrids via 1-Dimensional Recursive Median Filtering Algorithm</b></p> <p><i>Faisal Mumtaz Kashif Imran Abdullah Abusorrah Syed Basit Ali Bukhari</i>  <i>Sustainability</i>, Volume 15(1), Article Number 164</p> <p><b>Impact Factor:</b> 3.889   <b>Quartile:</b> 2   <b>Citations:</b> 15  <b>DOI:</b> <a href="https://doi.org/10.3390/su15010164">https://doi.org/10.3390/su15010164</a></p>	2022

<b>A State-Observer-Based Protection Scheme for AC Microgrids with Recurrent Neural Network Assistance</b> <i>Faisal Mumtaz Haseeb Hassan Khan Amad Zafar Muhammad Umair Ali Kashif Imran</i> <i>Energies</i> , Volume 15(22), Article Number 8512 <b>Impact Factor:</b> 3.252   <b>Quartile:</b> 3   <b>Citations:</b> 21 <b>DOI:</b> <a href="https://doi.org/10.3390/en15228512">https://doi.org/10.3390/en15228512</a>	2022
<b>Framework for the analysis of renewable energy grid policies in the context of COVID-19</b> <i>Abdul Kashif Janjua Muhammad Kashif Farooq Ahmad Ahmed Rasheed Muhammad Shahzad Younis Syed Ali Abbas Kazmi Kashif Imran</i> <i>Heliyon</i> , Volume 8, Issue 10, Article Number e10123 <b>Impact Factor:</b> 3.776   <b>Quartile:</b> 2   <b>Citations:</b> 3 <b>DOI:</b> <a href="https://doi.org/10.1016/j.heliyon.2022.e10123">doi.org/10.1016/j.heliyon.2022.e10123</a>	2022
<b>High speed protection of medium voltage DC distribution system using modified mathematical morphology</b> <i>Maqsood Ahmad Shah Syed Basit Ali Bukhari Kashif Imran Khawaja Khalid Mehmood Faisal Mumtaz Abdullah Abosorrah Syed Ali Abbas Kazmi Abdul Wadood</i> <i>IET Renewable Power Generation</i> , Pages 1-15 <b>Impact Factor:</b> 3.034   <b>Quartile:</b> 2   <b>Citations:</b> 19 <b>DOI:</b> <a href="http://doi.org/10.1049/rpg2.12564">http://doi.org/10.1049/rpg2.12564</a>	2022
<b>High Impedance Faults Detection and Classification in Renewable Energy-Based Distribution Networks Using Time-Varying Kalman Filtering Technique</b> <i>Kashif Imran Muhammad Yousif Faisal Mumtaz Muhammad Asif Haseeb Hassan Khan Shahrukh Abbas Muhammad Usman Haider Asad Ullah</i> <i>Engineering Proceedings</i> , Volume 20(1), Article Number 34 <b>Impact Factor:</b> N/A   <b>Citations:</b> 10 <b>DOI:</b> <a href="https://doi.org/10.3390/engproc2022020034">https://doi.org/10.3390/engproc2022020034</a>	2022
<b>A Kalman Filter-Based Protection Strategy for Microgrids</b> <i>Faisal Mumtaz Kashif Imran Syed Basit Ali Bukhari Khawaja Khalid Mehmood Abdullah Abosorrah Maqsood Ahmad Shah Syed Ali Abbas Kazmi</i> <i>IEEE Access</i> , Volume 10, Pages 73243-73256 <b>Impact Factor:</b> 3.476   <b>Quartile:</b> 2   <b>Citations:</b> 36 <b>DOI:</b> <a href="https://doi.org/10.1109/ACCESS.2022.3190078">10.1109/ACCESS.2022.3190078</a>	2022
<b>Economic and environmental analysis of green transport penetration in Pakistan</b> <i>Muhammad Shahid Kafait Ullah Kashif Imran Neha Masroor Muhammad Bilal Sajid</i> <i>Energy Policy</i> , Volume 166, Article Number 113040 <b>Impact Factor:</b> 6.142   <b>Quartile:</b> 1   <b>Citations:</b> 18 <b>DOI:</b> <a href="https://doi.org/10.1016/j.enpol.2022.113040">https://doi.org/10.1016/j.enpol.2022.113040</a>	2022
<b>A Critical Review of State-of-the-Art Optimal PMU Placement Techniques</b> <i>Muhammad Musadiq hmed Muhammad Amjad Muhammad Ali Qureshi Kashif Imran Zunaib Maqsood Haider Muhammad Omer Khan</i> <i>Energies</i> , journal <b>Impact Factor:</b> 3.004   <b>Quartile:</b> 3   <b>Citations:</b> 28 <b>DOI:</b> <a href="https://doi.org/10.3390/en15062125">https://doi.org/10.3390/en15062125</a>	2022
<b>Design and Analysis of a Dual Rotor Multiphase Brushless DC Motor for its Application in Electric Vehicles</b> <i>Abasin Ulasayar Haris Sheh Zad Abraiz Khattak Shibli Nisar Kashif Imran Mujtaba Hussain</i> <i>Engineering, Technology &amp; Applied Science Research</i> , Volume 11, No. 6, Pages 7846-7852 <b>Impact Factor:</b> N/A   <b>Citations:</b> 11 <b>DOI:</b> <a href="https://doi.org/10.48084/etasr.4345">https://doi.org/10.48084/etasr.4345</a>	2021
<b>An Optimization-Based Reliability Enhancement Scheme for Active Distribution Systems Utilizing Electric Vehicles</b> <i>Rashid Khan Khawaja Khalid Mehmood Syed Basit Ali Bukhari Kashif Imran Abdul Wadood Sang Bong Rhee Sina Park</i> <i>IEEE Access</i> , Volume 9, Pages 157247-157258 <b>Impact Factor:</b> 3.367   <b>Quartile:</b> 2   <b>Citations:</b> 18 <b>DOI:</b> <a href="https://doi.org/10.1109/ACCESS.2021.3127802">https://doi.org/10.1109/ACCESS.2021.3127802</a>	2021
<b>Techno-economic assessment and sustainability impact of hybrid energy systems in Gilgit-Baltistan, Pakistan</b> <i>Mazhar Ali Rashid Wazir Kashif Imran Kafait Ullah Abdul Kashif Janjua Abasin Ulasayar Abraiz Khattak Joseph M. Guerrero</i> <i>Energy Reports</i> , Volume 7, Pages 2546-2562 <b>Impact Factor:</b> 4.937   <b>Quartile:</b> 2   <b>Citations:</b> 61	2021

DOI: <https://doi.org/10.1016/j.egy.2021.04.036>

<b>Artificial neural network based simplified one day ahead forecasting of solar photovoltaic power generation</b> <i>Asim Munir Abraiz Khattak Kashif Imran Abasin Ulasyar Nasim Ullah Azhar Ul Haq Adam Khan</i> <i>Journal of Engineering Research</i> , Pages 1-23 <b>Impact Factor:</b> 0.620   <b>Quartile:</b> 4   <b>Citations:</b> 5 <b>DOI:</b> <a href="https://doi.org/10.36909/jer.10425">https://doi.org/10.36909/jer.10425</a>	2021
<b>Investigation of epoxy composites for outdoor insulation under accelerated ultraviolet exposure</b> <i>Abraiz Khattak Safi Ullah Butt Asghar Ali Faiza Kashif Imran Nasim Ullah Ahmad Aziz Alahamadi Adam Khan</i> <i>Materials Research Express</i> , Volume 8, Number 8, Article Number 085303 <b>Impact Factor:</b> 1.620   <b>Quartile:</b> 4   <b>Citations:</b> 13 <b>DOI:</b> <a href="https://doi.org/10.1088/2053-1591/ac1aa8">https://doi.org/10.1088/2053-1591/ac1aa8</a>	2021
<b>LEAP simulated economic evaluation of sustainable scenarios to fulfil the regional electricity demand in Pakistan</b> <i>Muhammad Shahid Kashif Imran Kafait Ullah Arshad Mehmood Maarten Arentsen</i> <i>Sustainable Energy Technologies and Assessment</i> , Volume 46, Article Number 101292 <b>Impact Factor:</b> 7.632   <b>Quartile:</b> 2   <b>Citations:</b> 41 <b>DOI:</b> <a href="https://doi.org/10.1016/j.seta.2021.101292">https://doi.org/10.1016/j.seta.2021.101292</a>	2021
<b>Hierarchical Control of Microgrid Using IoT and Machine Learning Based Islanding Detection</b> <i>Waleed Ali Abasin Ulasyar Mussawir Ul Mehmood Abraiz Khattak Kashif Imran Haris Sheh Zad Shibli Nisar</i> <i>IEEE Access</i> , Volume 9, Pages 103019-103031 <b>Impact Factor:</b> 3.476   <b>Quartile:</b> 2   <b>Citations:</b> 56 <b>DOI:</b> 10.1109/ACCESS.2021.3098163	2021
<b>Islanding Detection for Inverter-Based Distributed Generation Using Unsupervised Anomaly Detection</b> <i>Adeel Arif Kashif Imran Qiushi Cui Yang Weng</i> <i>IEEE Access</i> , Volume 9, Pages 90947-90963 <b>Impact Factor:</b> 3.476   <b>Quartile:</b> 2   <b>Citations:</b> 23 <b>DOI:</b> <a href="https://doi.org/10.1109/ACCESS.2021.3091293">https://doi.org/10.1109/ACCESS.2021.3091293</a>	2021
<b>Exploiting the Inherent Flexibility in Transmission Network for Optimal Scheduling, Wind Power Utilization, and Network Congestion Management</b> <i>Akif Zia Khan Kashif Imran Muhammad Numan Mansoor Asif Sarmad Majeed Malik</i> <i>IEEE Access</i> , Volume 9, Pages 88746-88758 <b>Impact Factor:</b> 3.476   <b>Quartile:</b> 2   <b>Citations:</b> 22 <b>DOI:</b> 10.1109/ACCESS.2021.3090089	2021
<b>Investigation of Hydrothermally Stressed Silicone Rubber/Silica Micro and Nanocomposite for the Coating of High Voltage Insulation Applications</b> <i>Faiza Abraiz Khattak Safi Ullah Butt Kashif Imran Abasin Ulasyar Asghar Ali Zuhair Subhani Khan Azhar Mahmood Nasim Ullah Ahmad Aziz Alahmadi Adam Khan</i> <i>Materials</i> , Volume 14(13), Article Number 3567 <b>Impact Factor:</b> 3.748   <b>Quartile:</b> 1   <b>Citations:</b> 12 <b>DOI:</b> <a href="https://doi.org/10.3390/ma14133567">https://doi.org/10.3390/ma14133567</a>	2021
<b>Optimal Day-Ahead Scheduling for Campus Microgrid by using MILP Approach</b> <i>Sharyar Ul Hassan Hashmi Abasin Ulasyar Haris Sheh Zad Abraiz Khattak Kashif Imran</i> <i>Pakistan Journal of Engineering and Technology (PakJET)</i> , Volume 4, Number: 2, Pages 21-27 <b>Impact Factor:</b> N/A <b>DOI:</b> <a href="https://doi.org/10.51846/vol4iss2pp21-27">https://doi.org/10.51846/vol4iss2pp21-27</a>	2021
<b>Techno-economic potential assessment of mega scale grid-connected PV power plant in five climate zones of Pakistan</b> <i>Adeel Waqas Naseer Ahmed Atif Naveed Khan Naveed Ahmed Adnan Aslam Kashif Imran Muhammad Bilal Sajid</i> <i>Energy Conversion and Management</i> , Volume 237, Article Number 114097 <b>Impact Factor:</b> 11.533   <b>Quartile:</b> 1   <b>Citations:</b> 60 <b>DOI:</b> <a href="https://doi.org/10.1016/j.enconman.2021.114097">https://doi.org/10.1016/j.enconman.2021.114097</a>	2021
<b>Multi-Stressed Nano and Micro-Silica/Silicone Rubber Composites with Improved Dielectric and High-Voltage Insulation Properties</b> <i>Faiza Abraiz Khattak Aqeel Ur Rehman Asghar Ali Azhar Mahmood Kashif Imran Abasin Ulasyar Haris Shehzad Nasim Ullah Adam Khan</i> <i>Polymers</i> , Volume 13(9), Article Number1400	2021

<b>Impact Factor:</b> 4.329   <b>Quartile:</b> 1   <b>Citations:</b> 18 <b>DOI:</b> <a href="https://doi.org/10.3390/polym13091400">https://doi.org/10.3390/polym13091400</a>	
<b>Ensuring Reliable Operation of Electricity Grid by Placement of FACTS Devices for Developing Countries</b> <i>Atif Naveed Khan Kashif Imran Abraiz Khattak Kafait Ullah Muhammad Shahzad Younis Muhammad Nadeem Anamitra Pal Muhammad Waseem Younas Energies</i> , Volume 14(8), Article Number 2283 <b>Impact Factor:</b> 3.252   <b>Quartile:</b> 3   <b>Citations:</b> 9 <b>DOI:</b> <a href="https://doi.org/10.3390/en14082283">https://doi.org/10.3390/en14082283</a>	2021
<b>Bilateral negotiations for electricity market by adaptive agent-tracking strategy</b> <i>Kashif Imran Abraiz Khattak Kafait Ullah Sherjeel Mahmood Baig Jiangfeng Zhang Anamitra Pal Electric Power Systems Research</i> , Volume 186, Article Number 106390 <b>Impact Factor:</b> 3.414   <b>Quartile:</b> 2   <b>Citations:</b> 18 <b>DOI:</b> <a href="https://doi.org/10.1016/j.epsr.2020.106390">https://doi.org/10.1016/j.epsr.2020.106390</a>	2020
<b>Electricity supply pathways based on renewable resources: A sustainable energy future for Pakistan</b> <i>Muhammad Shahid Kafait Ullah Kashif Imran Imran Mahmood Arshad Mahmood Journal of Cleaner Production</i> , Volume 263, Article Number 121511 <b>Impact Factor:</b> 9.297   <b>Quartile:</b> 1   <b>Citations:</b> 48 <b>DOI:</b> <a href="https://doi.org/10.1016/j.jclepro.2020.121511">https://doi.org/10.1016/j.jclepro.2020.121511</a>	2020
<b>Investigation of dielectric properties and methylene intactness under multiple environmental stresses for high voltage epoxy composites</b> <i>Abraiz Khattak Kashif Imran Faiza Asghar Ali Abasin Ulasayar Azhar Ul Haq Muhammad Amin Adam Khan Materials Research Express</i> , Volume 7, Article Number 075304 <b>Impact Factor:</b> 1.620   <b>Quartile:</b> 4   <b>Citations:</b> 5 <b>DOI:</b> <a href="https://doi.org/10.1088/2053-1591/aba060">https://doi.org/10.1088/2053-1591/aba060</a>	2020
<b>Effects of Compression and Silica Addition on the Dielectric Properties of Epoxy Composites</b> <i>Abraiz Khattak Kashif Imran Asghar Ali Zuhair Subhani Khan abasin ulasyar Muhammad Amin Adam Khan Azhar Ul Haq Arabian Journal for Science and Engineering</i> , Pages 1-10 <b>Impact Factor:</b> 2.334   <b>Quartile:</b> 3   <b>Citations:</b> 5 <b>DOI:</b> <a href="https://doi.org/10.1007/s13369-020-04686-1">https://doi.org/10.1007/s13369-020-04686-1</a>	2020
<b>Matchmaking Model for Bilateral Trading Decisions of Load Serving Entity</b> <i>Kashif Imran Kafait Ullah Abraiz Khattak Jiangfeng Zhangb Anamitra Pal Muhammad Nauman Rafique Sherjeel Mahmood Baig Electric Power Systems Research</i> , Volume 183, Article Number 106281 <b>Impact Factor:</b> 3.414   <b>Quartile:</b> 2   <b>Citations:</b> 9 <b>DOI:</b> <a href="https://doi.org/10.1016/j.epsr.2020.106281">https://doi.org/10.1016/j.epsr.2020.106281</a>	2020
<b>Cloud Based IoT Solution for Fault Detection and Localization in Power Distribution Systems</b> <i>Mussawir Ul Mehmood Abasin Ulasayar Abraiz Khattak Kashif Imran Haris Sheh Zad Shibli Nisar Energies</i> , Volume 13(11), Article Number 2686 <b>Impact Factor:</b> 3.004   <b>Quartile:</b> 3   <b>Citations:</b> 26 <b>DOI:</b> <a href="https://doi.org/10.3390/en13112686">https://doi.org/10.3390/en13112686</a>	2020
<b>Optimal Placement of Electric Vehicle Charging Stations in the Active Distribution Network</b> <i>Muhammad Zulqarnain Zeb Kashif Imran Abraiz Khattak Abdul Kashif Janjua Muhammad Nadeem Anamitra Pal Jiangfeng Zhang Sohail Khan Anamitra Pal IEEE Access</i> , Volume 8, Pages 68124-68134 <b>Impact Factor:</b> 3.367   <b>Quartile:</b> 2   <b>Citations:</b> 199 <b>DOI:</b> <a href="https://doi.org/10.1109/ACCESS.2020.2984127">https://doi.org/10.1109/ACCESS.2020.2984127</a>	2020
<b>Optimal Placement, Sizing and Coordination of FACTS Devices in Transmission Network Using Whale Optimization Algorithm</b> <i>Muhammad Nadeem Kashif Imran Abraiz Khattak Abasin Ulasayar Energies</i> , Vol 13, Issue 3, 753 <b>Impact Factor:</b> 3.004   <b>Quartile:</b> 3   <b>Citations:</b> 77 <b>DOI:</b> <a href="https://doi.org/10.3390/en13030753">https://doi.org/10.3390/en13030753</a>	2020
<b>A New Users Rating-trend based Collaborative Denoising Auto-Encoder for Top-N Recommender Systems</b> <i>Zeshan Aslam Khan Syed Zubair Kashif Imran Rehan Ahmad Sharjeel Abid Butt Naveed Ishtiaq Chaudhary IEEE Access</i> , Volume 7, Pages 141287-141310	2019

<b>Impact Factor:</b> 3.745   <b>Quartile:</b> 1   <b>Citations:</b> 14 <b>DOI:</b> 10.1109/ACCESS.2019.2940603	
<b>Life Estimation and Investigation of Dielectric Strength and Siloxane Backbone of High Voltage Silicone Rubber Composites Under Accelerated Multistress Conditions</b> <i>Muhammad Amin Adam Khan Kashif Imran Abraiz Khattak</i> <i>Arabian Journal for Science and Engineering</i> , Volume 44, Issue 8, Pages 7149-7158 <b>Impact Factor:</b> 1.711   <b>Quartile:</b> 3   <b>Citations:</b> 14 <b>DOI:</b> 10.1007/s13369-019-03839-1	2019
<b>A technical comparison of wholesale electricity markets in North America and Europe</b> <i>Kashif Imran Ivana Kockar</i> <i>Electric Power Systems Research</i> <b>Impact Factor:</b> 1.749   <b>Quartile:</b> 2   <b>Citations:</b> 49 <b>DOI:</b> 10.1016/j.epsr.2013.10.016	2014
<b>Efficient path planning in semi-fault tolerant robotics</b> <i>Kashif Imran Nazifa Fatima Intesar Ahmad Muhammad Shuja Khan</i> <i>International Journal of Engineering and Technology</i> , Vol: 11, Issue: 2, Pages 120-125 <b>Impact Factor:</b> 0	2011
<b>A Novel Approach for Detection of Shorted Turns Fault in Machine Using Combination of Flux and Instantaneous Power Signal</b> <i>Intesar Ahmed Manzar Ahmed M. Shuja Khan Kashif Imran</i> <i>International Journal of Computer and Electrical Engineering</i> , Vol. 3, No. 2, Pages 233-239 <b>Impact Factor:</b> 0	2011
<b>Detection of Eccentricity Faults in Machine Using Frequency Spectrum Technique</b> <i>Kashif Imran Intesar Ahmed Manzar Ahmed M. Shuja Khan S. Junaid Akhtar</i> <i>International Journal of Computer and Electrical Engineering</i> , Vol.3, No.1, Pages 111-119 <b>Impact Factor:</b> 0	2011
<b>Impacts of proposed utilization of various indigenous coal reserves for power generation on production cost and environment</b> <i>M S Akbar I Ahmad Y M Siddiqi M S Akbar I Ahmad Y M Siddiqi Kashif Imran Hafiz Tehzebul Hassan</i> <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , Volume 225, Issue A3, Pages 233-241 <b>Impact Factor:</b> 0.7   <b>Quartile:</b> 3   <b>Citations:</b> 3 <b>DOI:</b> 10.1177/2041296710394300	2011
<b>Meeting Load Demand at Least Cost in De-centralised Electricity Environment</b> <i>Hafiz T. Hassan Muhammad F. Aslam Intesar Ahmad Kashif Imran</i> <i>International Journal of Electrical &amp; Computer Sciences</i> , Vol.10, No.06, Pages 24-29 <b>Impact Factor:</b> 0	2010
<b>Intelligent Object &amp; Pattern Recognition using Ensembles in Backpropagation Neural Network</b> <i>Hafiz T. Hassan Muhammad U. Khalid Kashif Imran</i> <i>International Journal of Electrical &amp; Computer Sciences</i> , Vol. 10, No. 6, Pages 52-59 <b>Impact Factor:</b> 0	2010
<b>Spectral Analysis of Misalignment in Machines Using Sideband Components of Broken Rotor Bar, Shorted Turns and Eccentricity</b> <i>I. Ahmed M. Ahmed M. Shuja. Khan T. Akram M. Jawad Kashif Imran</i> <i>International Journal of Electrical &amp; Computer Sciences</i> , Vol.10, No. 06, Pages 85-93 <b>Impact Factor:</b> 0	2010
<b>Simulation analysis of emissions trading impact on a non-utility power plant</b> <i>Tehzebul Hassan Hon-Wing Ngan Intesar Ahmad Muhammad Farooq Aslam Kashif Imran</i> <i>Energy Policy</i> , Volume 37, Issue 12, Pages 5694-5703 <b>Impact Factor:</b> 2.436   <b>Quartile:</b> 1   <b>Citations:</b> 3 <b>DOI:</b> 10.1016/j.enpol.2009.08.036	2009

## Conference Proceedings

<b>Isolation Forest-Based Anomaly Detection Through Generation Offers and Optimal Dispatch Data</b> <i>Muhammad Ahmad Kashif Imran Hani Attar Ahmed Solyman</i>	2025
--	------



2025 International Conference on Emerging Power Technologies (ICEPT), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/ICEPT66058.2025.11036212	
<b>Smart Passive Islanding Detection Technique based on Time-varying Kalman Algorithm</b>	2024
<i>Huma umber Naz Muhammad Zubair Iftikhar Faisal Mumtaz Kashif Imran Syed junaid Iqbal</i>	
2024 6th International Conference on Smart Power & Internet Energy Systems (SPIES), res.country(2,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/SPIES63782.2024.10983447	
<b>Fault Detection &amp; Classification in 230 kV Transmission Networks Using Hybrid-filtering Approach</b>	2023
<i>Mahum Jamil Kashif Imran Faisal Mumtaz Maliha Shah</i>	
2023 International Conference on Emerging Power Technologies, ICEPT 2023, res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/ICEPT58859.2023.10152376	
<b>Optimal Selection of Candidate Wind Farms Capacity for Generation Expansion Planning</b>	2023
<i>Maliha Shah Kashif Imran Hafsa Ahmad Muhammad Anas Mahum Jamil</i>	
International Conference on Energy, Power, Environment, Control, and Computing, res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> Nil	
<b>Incipient fault detection in active-distribution networks based on Time-varying Kalman Filter</b>	2022
<i>Faisal Mumtaz Maqsood Ahmed Shah Haseeb Hassan Khan Huma Umer Naz Kashif Imran Muhammad Usman Haider</i>	
6th International Conference on Energy, Environment, and Sustainable Development 2022 (EESD2022), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> Not Available	
<b>A Proposed Underground Medium Voltage Feeder-Design Considering Ampacity and Temperature of Cable for High Rise Buildings in Pakistan</b>	2022
<i>Muhammad Asif Kashif Imran Faisal Mumtaz Taimoor Asghar Saleem Ullah</i>	
6th International Conference on Energy, Environment, and Sustainable Development 2022 (EESD2022), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> Not Available	
<b>Field Programmable Gate Array based multi-algorithm relay for anti-islanding protection in smart-grids</b>	2022
<i>Usman Ahmed Kashif Imran Muhammad Adeel Arif Faisal Mumtaz</i>	
6th International Conference on Energy, Environment, and Sustainable Development 2022 (EESD2022), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> Not Available	
<b>Impact Analysis of Future Probabilistic Growth of Rooftop PV in Gulshan-e-Iqbal Feeder of LESCO</b>	2022
<i>Raveena Kumari Kashif Imran Arqam Ilyas Farah ul Ain Muhammad Numan Sohail Khan</i>	
6th International Conference on Energy, Environment, and Sustainable Development 2022 (EESD2022), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> Not Available	
<b>Analysis of Future Probabilistic placement of Electric Vehicle Chargers on real residential Feeder</b>	2021
<i>Farah-ul Ain Kashif Imran</i>	
2021 International Conference on Frontiers of Information Technology (FIT), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/FIT53504.2021.00061	
<b>Multi-Step Forecasting of Global Horizontal Irradiance Using Long Short-Term Memory Network for Solving Economic Dispatch Problem</b>	2021
<i>Qizal Ashfaq Abasin Ulasayar Haris Sheh Zad Shibli Nisar Abraiz Khattak Kashif Imran</i>	
2021 International Conference on Innovative Computing (ICIC), res.country(282,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/ICIC53490.2021.9693031	
<b>Mitigation of Electric Vehicle Charging Impacts Using Photovoltaic and Valley Filling in a Real Distribution Network</b>	2021
<i>Muhammad Zeeshan Sarwar Dr. Muhammad Yousif Dr Kashif Imran Shahryar Muhammad</i>	
The 3rd International Conference on Sustainable Energy Technologies (ICSET 2021), res.country(177,)	
<b>Citations:</b> N/A	

<b>DOI:</b> Nil	
<b>Design and Analysis of Synchronverter Based Virtual Inertia Control for Hybrid Power Plants</b> <i>Osama Bin Muzaffar Abasin Ulasyar Haris Sheh Zad Abraiz Khattak Kashif Imran Shibli Nisar</i> <i>3rd International Conference on Sustainable Energy Technologies (ICSET 2021)</i> , res.country(177,)	2021
<b>Citations:</b> N/A <b>DOI:</b> <a href="http://uspcase.uetpeshawar.edu.pk/icset-2021/">http://uspcase.uetpeshawar.edu.pk/icset-2021/</a>	
<b>Intelligent load drop control based on fuzzy logic for under-frequency in islanding mode</b> <i>Muhammad Hassan Abasin Ulasyar Haris Sheh Zad Abraiz Khattak Kashif Imran Shibli Nisar</i> <i>3rd International Conference on Sustainable Energy Technologies (ICSET 2021)</i> , res.country(177,)	2021
<b>Citations:</b> N/A <b>DOI:</b> <a href="http://uspcase.uetpeshawar.edu.pk/icset-paper-proceeding-2021/">http://uspcase.uetpeshawar.edu.pk/icset-paper-proceeding-2021/</a>	
<b>Performance Analysis Of Fuzzy Logic Based Grid Connected PV with integrated Battery Storage System</b> <i>Hafsa Ijaz Abasin Ulasyar Haris Sheh Zad Abraiz Khattak Kashif Imran Mustafa Anwar</i> <i>International Conference &amp; Exposition on Modern Energy and Power Systems (ICMEPS2021)</i> , res.country(224,)	2021
<b>Citations:</b> N/A	
<b>Effect of fixed and seasonal tilt angles on the performance of an ON-Grid PV plants</b> <i>Adnan Aslam Naveed Ahmed Mariam Mahmood Atif Naveed Naseer Ahmed Kashif Imran</i> <i>2021 International Conference on Emerging Power Technologies (ICEPT)</i> , res.country(177,)	2021
<b>Citations:</b> N/A <b>DOI:</b> 10.1109/ICEPT51706.2021.9435464	
<b>DC Voltage Performance Analysis of a Hybrid Multiterminal HVDC Grid Under Abnormal Conditions with Topological Investigation on Hybrid Scheme</b> <i>Syed Tahir Shah Abraiz Khattak Kashif Imran Abasin Ulasyar Syed Qasim shah</i> <i>6th International Electrical Engineering Conference (IEEC 2021)</i> , res.country(177,)	2021
<b>Citations:</b> N/A <b>DOI:</b> Nil	
<b>Strategy for Sizing and Placement of Distributed Generation in a Radial Distribution Network</b> <i>Shahryar Muhammad Muhammad Yousif kashif Imran Usman Ahmed</i> <i>2021 6th International Electrical Engineering Conference (IEEC 2021)</i> , res.country(177,)	2021
<b>Citations:</b> N/A <b>DOI:</b> <a href="https://ieec.neduet.edu.pk/2021/papers_2021/IEEC_2021_36.pdf">https://ieec.neduet.edu.pk/2021/papers_2021/IEEC_2021_36.pdf</a>	
<b>Strategy to Detect, Quantify and Locate Power Theft in a Distribution Network</b> <i>Haider Ali Raza Kashif Imran Abraiz Khattak Abasin Ulasyar Arqam Ilyas</i> <i>2021 6 th International Electrical Engineering Conference (IEEC 2021)</i> , res.country(177,)	2021
<b>Citations:</b> N/A <b>DOI:</b> Not Available	
<b>Economic and Performance Analysis of PV System and Grid Supply for High Rise Building and Luxury Villa in Pakistan</b> <i>Taimoor Asghar Kashif Imran Abraiz Khattak Abasin Ulasyar Atif Naveed Khan</i> <i>2021 4th International Conference on Energy Conservation and Efficiency (ICECE)</i> , res.country(177,)	2021
<b>Citations:</b> N/A <b>DOI:</b> 10.1109/ICECE51984.2021.9406306	
<b>Impacts of High Penetration of Wind Power on Transmission System</b> <i>Rizwan Ali Kashif Imran Syed Ali Abbas Kazmi Atif Naveed Khan Abraiz Khattak Abasin Ulasyar</i> <i>2021 4th International Conference on Energy Conservation and Efficiency (ICECE)</i> , res.country(177,)	2021
<b>Citations:</b> N/A <b>DOI:</b> 10.1109/ICECE51984.2021.9406282	
<b>Electrical Energy Management in Spinning Area of Textile Industry</b> <i>Muhammad Hassan Qaisar Abraiz Khattak Muhammad Bilal Kashif Imran Abasin Ulasyar</i> <i>2021 4th International Conference on Energy Conservation and Efficiency (ICECE)</i> , res.country(177,)	2021
<b>Citations:</b> N/A <b>DOI:</b> 10.1109/ICECE51984.2021.9406279	
<b>Hour-Ahead Global Horizontal Irradiance Forecasting Using Long Short Term Memory Network</b> <i>Qizal Ashfaq Abasin Ulasyar Haris Sheh Zad Abraiz Khattak Kashif Imran</i>	2021

2020 IEEE 23rd International Multitopic Conference (INMIC), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/INMIC50486.2020.9318154	
<b>Optimal Siting of Phasor Measurement Units in National Transmission Network of Pakistan to Ensure Complete System Observability</b>	2020
<i>Atif Naveed Khan Muhammad Musadiq Ahmed Muhammad Nadeem Kashif Imran</i>	
IEEE 23rd International Multitopic Conference (INMIC), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/INMIC50486.2020.9318144	
<b>Design of Fuzzy Controller for Non Isolated High Gain DC-DC Converter</b>	2020
<i>Saad Ahmad Abasin Ulasyar Haris Sheh Zad Abraiz Khattak Kashif Imran</i>	
2020 International Symposium on Recent Advances in Electrical Engineering & Computer Sciences (RAEE & CS), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/RAEECS50817.2020.9265833	
<b>Effect of Load and Fuel Price Variation on Genco Agent in Day Ahead Auction</b>	2020
<i>Nisha Hareem Kashif Imran Abdul Kashif Janjua</i>	
3 rd Pak-Turk International Conference on Emerging Technologies in the field of Sciences and Engineering, res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> <a href="https://www.giki.edu.pk/PakTurk/">https://www.giki.edu.pk/PakTurk/</a>	
<b>Design and Analysis of Controller for Non Isolated High Gain DC-DC converter</b>	2020
<i>Kashif Imran Saad Ahmad Abasin Ulasyar Haris Sheh Zad Abraiz Khattak</i>	
5th International Electrical Engineering Conference , res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> <a href="https://www.researchgate.net/publication/342961648_Design_and_Analysis_of_Controller_for_Non_Isolated_High_Gain_DC-DC_converter">https://www.researchgate.net/publication/342961648_Design_and_Analysis_of_Controller_for_Non_Isolated_High_Gain_DC-DC_converter</a>	
<b>Optimal Sizing and Allocation of SVC and TCSC in Transmission Network by combined Sensitivity index and PSO</b>	2019
<i>M. Zulqarnain zeb Abdul Kashif Janjua Muhammad Nadeem Kashif Imran</i>	
2nd International Conference on Applied and Engineering Mathematics (ICAEM'19), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> N/A	
<b>Optimal Sizing and Allocation of SVC and TCSC for reactive Power planning in Meshed Network</b>	2019
<i>Zulqarnain zeb Abdul kashif Janjua Muhammad Nadeem Kashif Imran</i>	
2nd International Conference on Applied and Engineering Mathematics (ICAEM'19), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> N/A	
<b>An Optimal PMU Placement Against N-1 Contingency Of PMU Using Integer Linear Programming Approach</b>	2019
<i>Muhammad Musadiq Ahmed Kashif Imran</i>	
2nd International Conference on Applied and Engineering Mathematics (ICAEM'19), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> N/A	
<b>Solar PV Generation Forecast Model Based on the Most Effective Weather Parameters</b>	2019
<i>Adeel Khan Muhammad Asim Munir Abraiz Khattak Kashif Imran Abasin Ulasyar</i>	
5th International Conference on Power Generation Systems and Renewable Energy Technologies, res.country(224,)	
<b>Citations:</b> N/A	
<b>DOI:</b> N/A	
<b>A Low Cost Internet of Things (LCIoT) Based System for Monitoring and Control of UPS System using Node-Red, CloudMQTT and IBM Bluemix</b>	2019
<i>Mussawir Ul Mehmood Waleed Ali Abasin Ulasyar Haris Sheh Zad Abraiz Khattak Kashif Imran</i>	
2019 International Conference on Electrical, Communication, and Computer Engineering (ICECCE), res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/ICECCE47252.2019.8940686	
<b>A Comparative Study to Promote Interconnected Configuration in Microgrid for DG Penetration at Distribution end</b>	2019
<i>Usama Ameer Khan Ahsan Bin Ahmed Syed Ali Abbas Kazmi Kashif Imran</i>	

<i>2019 International Conference on Electrical, Communication, and Computer Engineering (ICECCE)</i> , res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/ICECCE47252.2019.8940641	
<b>Investigation of Archimedean Screw Turbine for optimal power output by varying number of blades</b>	2019
<i>Abasin Ulasyar Adeel Khan Muhammad Asim Munir Abraiz Khattak Kashif Imran</i>	
<i>1st INTERNATIONAL CONFERENCE ON ELECTRICAL, COMMUNICATION AND COMPUTER ENGINEERING (ICECCE-2019)</i> , res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> N/A	
<b>Optimal Allocation and Sizing of Solar Panels Generation via Particle Swarm Optimization Algorithm</b>	2019
<i>Abdul Kashif Janjua Muhammad Nadeem Awais Amin Muhammad Zulqarnain Zeb Kashif Imran</i>	
<i>2019 2nd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET)</i> , res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/ICOMET.2019.8673530	
<b>Impact of PV Penetration on Short Circuit Current of Radial Distributed Feeder and Existing Power System Protection of NUST</b>	2018
<i>Husnain Sadiq Usman Hameed Muhammad Nauman rafique Syed Ahmed Hassan Raza Kashif Imran</i>	
<i>2018 International Conference on Computing, Electronic and Electrical Engineering (ICE Cube)</i> , res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/ICECUBE.2018.8610993	
<b>Impact Analysis of PV Penetration on Radial Distribution Feeder of National University of Science and Technology (NUST)</b>	2018
<i>Husnain Sadiq Syed Ahmed Hassan Raza Usman Hameed Abdul Kashif Janjua Kashif Imran</i>	
<i>4th International Conference on Power Generation Systems and Renewable Energy Technologies (IEEE)</i> , res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/PGSRET.2018.8686012	
<b>Combined Simulation of Auction Revenue Rights Allocation and Financial Transmission Rights Auction for Electricity Markets</b>	2018
<i>Sherjeel M. Baig Kashif Imran Muhammad N. Rafique Haseeb H. Khan</i>	
<i>4th International Conference on Power Generation Systems and Renewable Energy Technologies (IEEE), IIUI, Islamabad 2018</i> , res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/PGSRET.2018.8686004	
<b>Agent-Based Modeling of Electricity Purchasing Decisions by Load Serving Entities Subject to Transmission Rights and Constraints</b>	2018
<i>Muhammad N. Rafique Sherjeel M. Baig Kashif Imran</i>	
<i>2018 International Conference on Electrical Engineering (ICEE)</i> , res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/ICEE.2018.8566937	
<b>Operational Optimization of an Industrial Power Plant for Electricity Trading in a Power Exchange</b>	2009
<i>Kashif Imran T. Hassan M. F. Aslam</i>	
<i>IEEE International Conference on Electrical Engineering (ICEE)</i> , res.country(177,)	
<b>Citations:</b> N/A	
<b>DOI:</b> 10.1109/ICEE.2009.5173173	

## Editorial Activities

Reviewed Papers for Journals	
<b>Impact Factor:</b> 1.53	
Reviewed Papers for Journals	
<b>Impact Factor:</b> 3.211	
Reviewed Papers for Journals	
<b>Impact Factor:</b> 3.746	