

Saad Rehman

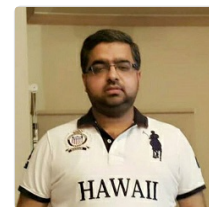
Associate Professor

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About

Dr. Saad Rehman is working as Associate Professor in the College of Electrical & Mechanical Engineering. Dr. Saad Rehman has a PhD in Digital Image Processing. Dr. Saad Rehman has published 71 research articles & conference papers having a citation count of 1190, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Digital Image Processing University of Sussex , England	2006 - 2009
MS in Satellite Communication University of Sussex , England	2005 - 2006
B.Sc (Hon) in Computer Engineering NUST, Islamabad , Pakistan	2001 - 2004

Experience

Associate Professor College of Electrical & Mechanical Engineering	2020- Present
Associate Professor College of Electrical & Mechanical Engineering	2017 - 2017
Assistant Professor College of Electrical & Mechanical Engineering	2014 - 2014
Assistant Professor College of Electrical & Mechanical Engineering	2012 - 2012
Assistant Professor College of Electrical & Mechanical Engineering	2009 - 2009
Design Engineer Center For Advance Research in Engineering ,	2004 - 2005

Awards

Best Researcher Award Best Researcher Award for Academic Year 2018	2018
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Professional Memberships

PEC	Since 2010
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Research Articles

Approximate Proximal Gradient-Based Correlation Filter for Target Tracking in Videos: A Unified Approach <i>Aimal Khan Haris Masood Saad Rehman Farhan Riaz Ali Hassan Muhammad Abbas</i> <i>Arabian Journal for Science and Technology</i> , Volume 44, Issue 11, Pages 9363-9380 Impact Factor: 1.711 Quartile: 2 Citations: 7 DOI: 10.1007/s13369-019-03861-3	2019
Active contour-based clutter defiance scheme for correlation filters	2019

<p><i>Ahmed Bilal Awan Asim Dilawar Bakhshi Muhammad Abbas Saad Rehman</i> <i>Electronics Letters</i> , Volume 55, Issue 9, Pages 525-527</p> <p>Impact Factor: 1.316 Quartile: 3 Citations: 4 DOI: 10.1049/el.2018.7955</p>	
<p>Pervasive blood pressure monitoring using Photoplethysmogram (PPG) sensor</p> <p><i>Ali Hassan Farhan Riaz Muhammad Ajmal Azad Junaid Arshad Muhammad Imran Saad Rehman</i> <i>Future Generation Computer Systems</i> , Volume 98, Pages 120—130</p> <p>Impact Factor: 6.125 Quartile: 1 Citations: 65 DOI: https://doi.org/10.1016/j.future.2019.02.032</p>	2019
<p>A unified analytical framework for distributed variable step size LMS algorithms in sensor networks</p> <p><i>Omer Bin Saeed Waleed Ejaz Azzedine Zerguine Alagan Anpalagan Houbing Song Saad Rehman</i> <i>Telecommunication Systems</i> , Volume 69, Issue 4, Pages 447-459</p> <p>Impact Factor: 1.707 Quartile: 3 Citations: 6 DOI: 10.1007/s11235-018-0447-z</p>	2018
<p>On the mutual information of relaying protocols</p> <p><i>Saad Rehman Aimal Khan Muhammad Abbas Ayaz Ahmad</i> <i>Physical Communication</i> , Volume 30, Pages 33-42</p> <p>Impact Factor: 1.451 Quartile: 3 Citations: 7 DOI: 10.1016/j.phycom.2018.07.005</p>	2018
<p>Composite filtering strategy for improving distortion invariance in object recognition</p> <p><i>Asim Dilawar Bakhshi Ahmed Bilal Awan Saad Rehman</i> <i>IET Image Process</i> , Volume 12, Issue 8, Pages 1499–1509</p> <p>Impact Factor: 2.004 Quartile: 3 Citations: 8 DOI: 10.1049/iet-ipr.2017.1147</p>	2018
<p>Trajectory based vehicle counting and anomalous event visualization in smart cities</p> <p><i>Fozia Mehboob Muhammad Abbas Richard Jiang Abdul Rauf Shoab Ahmed Khan Saad Rehman</i> <i>Cluster Computing-The Journal of Networks Software Tools and Applications</i>, Volume: 21 Issue: 1 Pages: 443-452 Special Issue: SI</p> <p>Impact Factor: 1.851 Quartile: 2 Citations: 13 DOI: 10.1007/s10586-017-0885-5</p>	2018
<p>Analysis of channel uncertainty in ARQ relay networks</p> <p><i>Hina Ajmal Aimal Khan Saad Rehman Farhan Hussain Mohammad Alam Rupert Young</i> <i>PLoS ONE</i> , Volume 13(1), Article Number e0190622</p> <p>Impact Factor: 2.776 Quartile: 2 DOI: 10.1371/journal.pone.0190622</p>	2018
<p>Self-Organizing Hierarchical Particle Swarm Optimization of Correlation Filters for Object Recognition</p> <p><i>Sara Tehsin Saad Rehman Muhammad Omer Bin Saeed Farhan Riaz Ali Hassan Muhammad Abbas Rupert Young Mohammad S. Alam</i> <i>IEEE Access</i> , Volume 5, Pages 24495-24502</p> <p>Impact Factor: 3.557 Quartile: 1 Citations: 24 DOI: 10.1109/ACCESS.2017.2762354</p>	2017
<p>Internet of Medical Things (IOMT): Applications, Benefits and Future Challenges in Healthcare Domain</p> <p><i>Gulraiz J. Joyia Rao M. Liaquat Aftab Farooq Saad Rehman</i> <i>Journal of Communications</i> , Volume 12, Issue 4, Pages 240-247</p> <p>Impact Factor: 0 Citations: 442 DOI: 10.12720/jcm.12.4.240-247</p>	2017
<p>Glyph-based video visualization on Google Map for surveillance in smart cities</p> <p><i>Fozia Mehboob Muhammad Abbas Shoab A. Khan Richard Jiang Ahmed Bouridane Saad Rehman</i> <i>EURASIP Journal on Image and Video Processing</i>, Article Number: 28</p> <p>Impact Factor: 1.737 Quartile: 2 Citations: 15 DOI: 10.1186/s13640-017-0175-4</p>	2017
<p>Network-on-Chip based MPSoC architecture for k-mean clustering algorithm</p> <p><i>Sajid Gul Khawaja Muhammad Usman Akram Shoab Ahmed Khan Arsalan Shaukat Saad Rehman</i> <i>Microprocessors and Microsystems</i> , Volume 46, Part B, Pages 1-10</p> <p>Impact Factor: 1.025 Quartile: 3 Citations: 5 DOI: 10.1016/j.micpro.2016.08.006</p>	2016

A Novel Real Time Framework for Cluster Based Multicast Communication in Vehicular Ad Hoc Network <i>Waqar Farooq Muazzam Ali Khan Saad Rehman</i> <i>International Journal of Distributed Sensor Networks</i> , Article Number: 8064908 Impact Factor: 1.236 Quartile: 3 Citations: 31 DOI: https://doi.org/10.1155/2016/8064908	2016
A Novel Real Time Framework for Cluster-based Multicast Communication in Vehicular Ad Hoc Networks. <i>Waqar Farooq Muazzam Ali Khan Saad Rehman</i> <i>International Journal of Distributed Sensor Networks</i> , Article Number: 8064908 Impact Factor: 1.236 Quartile: 3 Citations: 31 DOI: 10.1155/2016/8064908	2016
Improving the Robustness of Neural Networks using K-Support Norm based Adversarial Training <i>Sheikh Waqas Akhtar Saad Rehman Mahmood Akhtar Farhan Riaz Muazzam A. Khan Qaiser Chaudry Rupert Young</i> <i>IEEE Access</i> , Volume: 4 Impact Factor: 3.244 Quartile: 1 Citations: 10 DOI: 10.1109/ACCESS.2016.2643678	2016
EMD-Based Temporal and Spectral Features for the Classification of EEG Signals using Supervised Learning <i>Farhan Riaz Ali Hassan Saad Rehman Imran Khan Niazi Kim Dremstrup</i> <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , Volume: 24 Issue: 1 Pages: 28-35 Impact Factor: 3.41 Quartile: 1 Citations: 325 DOI: 10.1109/TNSRE.2015.2441835	2016
A Survey of Multicast Routing Protocols for Vehicular Ad Hoc Networks <i>Waqar Farooq Muazzam Ali Khan Nazir Abbas Saqib Saad Rehman</i> <i>International Journal of Distributed Sensor Networks</i> , Article Number: 923086, Pages 1-12 Impact Factor: 0.906 Quartile: 3 Citations: 43 DOI: http://dx.doi.org/10.1155/2015/923086	2015
Rotation and scale invariant texture classification by compensating for distribution changes using covariate shift in uniform local binary patterns <i>Ali Hassan Farhan Riaz Saad Rehman</i> <i>Electronics Letters</i> , Volume: 50, Issue:1, Pages:27-28 Impact Factor: 0.93 Quartile: 3 Citations: 3 DOI: 10.1049/el.2013.2578	2014
Logarithmically Pre-processed EMACH Filter for Enhanced Performance in Target Recognition <i>Ahmed Bilal Younus Javed Shehzad Amin Rupert Young Saad Rehman</i> <i>Arabian Journal for Science and Engineering</i> , Volume 38, Issue 11, Pages 3005–3017 Impact Factor: 0.367 Quartile: 3 Citations: 18 DOI: 10.1007/s13369-012-0452-6	2013
Texture Classification Using Rotation- and Scale-Invariant Gabor Texture Features <i>Farhan Riaz Ali Hassan Usman Qamar Saad Rehman</i> <i>IEEE Signal Processing Letters</i> , Volume: 20, Issue: 6, Pages: 607-610 Impact Factor: 1.639 Quartile: 2 Citations: 90 DOI: 10.1109/LSP.2013.2259622	2013
Approximate bandpass and frequency response models of the difference of Gaussian filter <i>Philip Birch Bhargav Mitra Nagachetan M. Bangalore Rupert Young Chris Chatwin Saad Rehman</i> <i>Optics Communications</i> , Volume 283, Issue 24, Pages 4942-4948 Impact Factor: 1.517 Quartile: 2 Citations: 34 DOI: https://doi.org/10.1016/j.optcom.2010.07.047	2010
SIP-Based QoS Management Framework for IMS Multimedia Services <i>Umber Iqbal Younas Javed Saad Rehman Asia Khanum</i> <i>International Journal of Computer Science and Network Security</i> , Volume 10, Issue 5, Pages 181-188 Impact Factor: 0 DOI: https://www.researchgate.net/publication/267721076_SIP-based_QoS_management_framework_for_IMS_multimedia_services	2010

- Automatic Detection of Ambiguous Software Requirements: An Insight** 2019
Muhammad Qasim Riaz Wasi Haider Butt Saad Rehman
2019 5th International Conference on Information Management (ICIM), res.country(231,)
Citations: N/A
DOI: 10.1109/INFOMAN.2019.8714682
- A Systematic Literature Review: Software Requirements Prioritization Techniques** 2018
Muhammad Sufian Zirak Khan Saad Rehman Wasi Haider Butt
2018 International Conference on Frontiers of Information Technology (FIT), res.country(177,)
Citations: N/A
DOI: 10.1109/FIT.2018.00014
- A Comparison of Modern Localization Techniques in Wireless Sensor Networks (WSNs)** 2018
Maryum Hamdani Usman Qamar Wasi Haider Butt Fatima Khaliq Saad Rehman
Future Technologies Conference (FTC) 2018, res.country(38,)
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DOI: 10.1007/978-3-030-02683-7_38
- Development of User Interface for Multi-platform Applications Using the Model Driven Software Engineering Techniques** 2018
Farooque Azam Saad Rehman Rana Muhammad Kaleem Ullah Sara Tanvir
2018 IEEE 9th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON), res.country(38,)
Citations: N/A
DOI: 10.1109/IEMCON.2018.8615013
- SimFiller: Similarity-Based Missing Values Filling Algorithm** 2018
Fateh ur Rehman Muhammad Abbas Sajjad Murtaza Wasi Haider Butt Usman Qamar Saad Rehman
13th International Conference on Digital Information Management, res.country(57,)
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- Convolutional neural network based image segmentation: a review** 2018
Hina Ajmal Saad Rehman Muhammad Umar Farooq Qurrat-ul-Ain Farhan Riaz Ali Hassan
SPIE Defense + Security, res.country(233,)
Citations: N/A
DOI: 10.1117/12.2304711
- Comparison of SIFT and ASIFT based filters for better recognition and tracking in a remote scene environment** 2018
Haris Masood Saad Rehman Qaiser Chaudry Farhan Riaz Ali Hassan Muhammad Umar Farooq
SPIE Defense + Security, res.country(233,)
Citations: N/A
DOI: 10.1117/12.2305266
- Biometric based human recognition using gait energy images** 2018
Saad Rehman Arslan Shaukat
SPIE Defense + Security, 2018, Orlando, Florida, United States, res.country(233,)
Citations: N/A
DOI: 10.1117/12.2304737
- A composite framework for segregating x-rays of osteoporotic cases from healthy controls** 2018
Rehan J. Nemati Saad Rehman Ahmed B. Awan Farhan Riaz
SPIE Defense + Security, 2018, res.country(233,)
Citations: N/A
DOI: 10.1117/12.2304779
- Comparative study of local binary pattern and its shifted variant for osteoporosis identification** 2018
Hina Ajmal Farhan Hussain Muhammad Abbas Saad Rehman Aimal Khan Rupert Young Mohammad S. Alam
SPIE Defense + Security 2018 Conference, res.country(233,)
Citations: N/A
DOI: 10.1117/12.2304721
- ASIFT based recognition of fixed shape moving objects and tracking via modified particle filters** 2018

<p><i>Haris Masood Saad Rehman Aimal Khan Wasi Haider Rupert Young Phil Birch Mohammad Alam</i> <i>Pattern Recognition and Tracking XXIX</i>, res.country(233,)</p> <p>Citations: N/A DOI: 10.1117/12.2304699</p>	
<p>PCA and LDA based Classifiers for Osteoporosis Identification</p> <p><i>Hina Ajmal Saad Rehman Farhan Riaz Ali Hassan Aqib Perwaiz Qurrat U. Ain</i> <i>29th Pattern Recognition and Tracking Conference held from 15-19 Apr 2018 in USA</i>, res.country(233,)</p> <p>Citations: N/A DOI: 10.1117/12.2304728</p>	2018
<p>Security Aspects of Cyber Physical System</p> <p><i>Ibtihaj Ahmad Saad Rehman Muhammad Kaab Zarrar Takreem Saeed</i> <i>1st IEEE International Conference on Computer Applications & Information Security held 04-06 Apr 2018 in Saudi Arabia</i>, res.country(192,)</p> <p>Citations: N/A DOI: https://www.aconf.org/conf_147512.html</p>	2018
<p>Implementation of Scrum in Pakistan's IT Industry</p> <p><i>Bilal Maqbool Fateh Ur Rehman Muhammad Abbas Saad Rehman</i> <i>2nd International Conference on Management Engineering, Software Engineering and Service Sciences</i>, res.country(48,)</p> <p>Citations: N/A DOI: 10.1145/3180374.3181336</p>	2018
<p>Implementation of Software Testing Practices in Pakistan's Software Industry</p> <p><i>Bilal Maqbool Fateh Ur Rehman Muhammad Abbas Saad Rehman</i> <i>ACM-ICMSS 2018 : ACM--2018 2nd International Conference on Management Engineering, Software Engineering and Service Sciences (ICMSS 2018)--Ei Compendex</i> , res.country(48,)</p> <p>Citations: N/A DOI: 10.1145/3180374.3181340</p>	2018
<p>Range Estimation in Radar using Maximum Likelihood Estimator</p> <p><i>Haleema Sadia Sabahat Sherien Hafsa Iqbal Muhammad Zeeshan Aimal Khan Saad Rehman</i> <i>20th International Conference of Computer and Information Technology (ICIT)</i>, res.country(19,)</p> <p>Citations: N/A DOI: 10.1109/ICCITECHN.2017.8281856</p>	2017
<p>A Novel Technique for Recognition and Tracking of Moving Objects Based on E-MACH and Proximate Gradient (PG) Filters</p> <p><i>Muazzam Khattak Haris Masood Dr. Saad Rahman Dr. Qaiser Chaudhary Dr. Muhammad Abbas M.Alam2 Rupert Young</i> <i>20th IEEE International Conference of Computer and Information Technology (ICIT)</i> , res.country(19,)</p> <p>Citations: N/A DOI: 10.1109/ICCITECHN.2017.8281849</p>	2017
<p>A Novel Technique for Recognition and Tracking of Moving Objects based on E-MACH and Proximate Gradient (PG) Filters</p> <p><i>Haris Masood Saad Rehman Muazzam Khan Qaiser Javed Muhammad Abbas Muhammad Alam Rupert Young</i> <i>20th IEEE International Conference on Computer and Information Technologies</i>, res.country(19,)</p> <p>Citations: N/A DOI: 10.1109/ICCITECHN.2017.8281849</p>	2017
<p>Implementation and Analysis of Novel Clustering Algorithm Without Initial Value Selection for Software Architectural Styles Data Set</p> <p><i>Qadeem Khan Usman Qamar Wasi Haider Butt Saad Rehman</i> <i>2017 International Conference on Frontiers of Information Technology (FIT)</i>, res.country(177,)</p> <p>Citations: N/A DOI: 10.1109/FIT.2017.00019</p>	2017
<p>AAGV: A Cluster Based Multicast Routing Protocol for Autonomous Aerial and Ground Vehicles Communication in VANET</p> <p><i>Muazzam Khattak Waqar Farooq Saad Rehman Nazar Abbas Saqib Muhammad Abbas</i> <i>15th International Conference on Frontiers of Information Technology (FIT 2017)</i>, res.country(177,)</p> <p>Citations: N/A DOI: 10.1109/FIT.2017.00063</p>	2017

AAGV: A Cluster Based Multicast Routing Protocol for Autonomous Aerial and Ground Vehicles Communication in VANET <i>Waqar Farooq Muazzam Ali Khan Saad Rehman Nazar Abbas Saqib Muhammad Abbas</i> <i>International Conference on Frontiers of Information Technology (FIT) held from 18-20 Dec 2017 in Pakistan , res.country(177,)</i> Citations: N/A DOI: 10.1109/FIT.2017.00063	2017
Secure?AODV?Protocol?for Mobile Networks using Short Digital Signatures <i>Muazzam Khattak Tahir Abbas Ahmad Khaliq Dr. Nazar Abbas Saqib Dr. Saad Rahman Jawad Ahmad</i> <i>2017 4th International Conference on Computational Science and Computational Intelligence, res.country(233,)</i> Citations: N/A DOI: 10.1109/CSCI.2017.111	2017
A Survey of Routing Protocols for Underwater Wireless Sensor Networks <i>Muazzam Khattak Nazar A. Saqib Saad Rehman Samera Batool</i> <i>2nd IEEE Future Technologies Conference held from 29-30 Nov 2017 in Canada, res.country(38,)</i> Citations: N/A DOI: http://saiconference.com/Downloads/FTC2017/Proceedings/138_Paper_38-A_Survey_of_Routing_Protocols_for_Underwater_Wireless_Sensor_Networks.pdf	2017
A deep CNN based multi-class classification of Alzheimer's disease using MRI <i>Ammarah Farooq Syed Muhammad Anwar Muhammad Awais Saad Rehman</i> <i>2017 IEEE International Conference on Imaging Systems and Techniques (IST), res.country(48,)</i> Citations: N/A DOI: 10.1109/IST.2017.8261460	2017
A Comparative Study of Types, Tools and Techniques in Solar Irradiance Forecasting <i>Kanza Sheikh Saad Rehman Muhammad Abbas Qaiser Chaudry</i> <i>Information Technologies, Systems And Networks, Chisinau, Moldova</i> Citations: N/A DOI: https://ibn.idsi.md/sites/default/files/imag_file/338-349.pdf	2017
Security Risk Detection Algorithms in Artificial Immune Systems <i>Muazzam Khattak Saad Rehman Kanza Sheikh Farhan Riaz</i> <i>2nd International Conference on Information Technologies, Systems and Networks, (ITSN-2017)</i> Citations: N/A DOI: https://ibn.idsi.md/ro/vizualizare_articol/60424	2017
Quality of The Software Products and Their Successfulness. <i>Muazzam Khattak Maryam Gillani Muhammad Abbas Saad Rehman Ata Ullah</i> <i>2nd International Conference on Information Technologies, Systems and Networks (ITSN-2017)</i> Citations: N/A DOI: https://ibn.idsi.md/ro/vizualizare_articol/60414	2017
A Systematic Review of Big Data Analytics Using Model Driven Engineering <i>Muhammad Nouman Zafar Farooque Azam Saad Rehman Muhammad Waseem Anwar</i> <i>International Conference on Cloud and Big Data Computing, res.country(231,)</i> Citations: N/A DOI: 10.1145/3141128.3141138	2017
A Systematic Review of Big Data Analytics Using Model Driven Engineering <i>Muhammad Nouman Zafar Farooque Azam Saad Rehman Muhammad Waseem Anwar</i> <i>International Conference on Cloud and Big Data Computing, res.country(231,)</i> Citations: N/A DOI: 10.1145/3141128.3141138	2017
Detection and Classification of Pilots Cognitive State using EEG <i>Q.A. Khan Ali Hassan Saad Rehman Farhan Riaz</i> <i>2nd IEEE International Conference on Computational Intelligence and Applications, res.country(48,)</i> Citations: N/A DOI: 10.1109/CIAPP.2017.8167249	2017
Automatic Tracking of Cervical Spine Using Fluoroscopic Sequences <i>Muhammad Nauman Ali Hassan Farhan Riaz Saad Rehman Rasmus Wiberg Nedergard Kelly Holt Heidi Haavik Imran Khan Niazi</i> <i>IEEE Intelligent Systems Conference, res.country(231,)</i>	2017

Citations: N/A DOI: 10.1109/IntelliSys.2017.8324355	
Dataset Designing of Software Architectures Styles for Analysis through Data Mining Clustering Algorithms <i>Qadeem Khan Dr. Usman Qamar Dr. Wasi Haider Butt Dr. Saad Rehman</i> <i>IEEE Intelligent Systems Conference, res.country(231,)</i> Citations: N/A DOI: 10.1109/IntelliSys.2017.8324325	2017
Fully Invariant Wavelet Enhanced Minimum Average Correlation Energy Filter for Object Recognition in Cluttered and Occluded Environments <i>Sara Tehsin Saad Rehman Farhan Riaz Omer Saeed Ali Hassan Muazzam Khan Muhammad S. Alam</i> <i>Pattern Recognition and Tracking XXVIII(2017), res.country(233,)</i> Citations: N/A DOI: 10.1117/12.2262434	2017
RFID Technology: Beyond Cash-Based Methods in Vending Machine <i>Aneeqa Ramzan Saad Rehman Aqib Perwaiz</i> <i>2nd International Conference on Control and Robotics Engineering 2017, res.country(217,)</i> Citations: N/A DOI: 10.1109/ICCRE.2017.7935068	2017
A Biomedical Ontology on Genetic Disease <i>Usman Qamar Aamna Iqtidar Abdul Wahab Muzaffar Saad Rehman</i> <i>Second International Conference on Internet of things, Data and Cloud Computing, res.country(231,)</i> Citations: N/A DOI: 10.1145/3018896.3018966	2017
AMVR: A multicast routing protocol for autonomous military vehicles communication in VANET <i>Waqar Farooq Muazzam Ali Khan Saad Rehman</i> <i>14th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(177,)</i> Citations: N/A DOI: 10.1109/IBCAST.2017.7868128	2017
Implementation and Evaluation of Optimized Algorithm for Software Architectures Analysis through Unsupervised Learning (Clustering) <i>Qadeem Khan Dr. Usman Akram Wasi Haider Butt Saad Rehman</i> <i>17th International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), res.country(221,)</i> Citations: N/A DOI: 10.1109/STA.2016.7952038	2016
Fatigue Testing of MEMS Device Developed by MetalMUMPs Fabrication Process <i>Syed Osama Bin Islam Muhammad Zaeem Abbas Saad Rehman Umar Shahbaz Khan Muhammad Mubasher Saleem</i> <i>2016 19th International Conference on Computer and Information Technology (ICCIT), res.country(19,)</i> Citations: N/A DOI: 10.1109/ICCITECHN.2016.7860258	2016
Tracking of Fixed Shape Moving Objects based on Modified Particle Filters <i>Haris Masood Saad Rehman Muazzam Khan Qaiser Javed M.Abbas M.Alam Rupert Young</i> <i>19th International Conference on Computer and Information Technology, res.country(19,)</i> Citations: N/A DOI: 10.1109/ICCITECHN.2016.7860202	2016
Management of road lights system using Vehicular Ad-hoc Networks. <i>Mudassar Adeel Ahmed Imran Ahsan Muazzam A. Khan Saad Rahman</i> <i>2016 2nd IEEE International Conference on Computer and Communications (ICCC), res.country(48,)</i> Citations: N/A DOI: 10.1109/CompComm.2016.7925108	2016
AutoDrop: Automatic DDoS Detection and its Mitigation with Combination of OpenFlow and Sflow <i>Faisal Shahzad Muazzam A. Khan Shoab A. Khan Saad Rehman</i> <i>1st International Conference on Future Intelligent Vehicular Technologies, res.country(183,)</i> Citations: N/A DOI: 10.1007/978-3-319-51207-5_11	2016

- A Cluster based Multicast routing protocol for Autonomous Unmanned Military Vehicles (AUMVs) communication in VANET** 2016
Waqar Farooq Muazzam Ali Khan Saad Rehman
 2016 International Conference on Computing, Electronic and Electrical Engineering, ICE Cube 2016, res.country(177,)
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DOI: 10.1109/ICECUBE.2016.7495251
- Fully Invariant Quaternion Based Filter for Target Recognition** 2015
Dilshad Sabir Saad Rehman Ali Hassan
 2015 IEEE International Conference on Signal and Image Processing Applications (ICSIPA), res.country(157,)
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DOI: 10.1109/ICSIPA.2015.7412244
- Using a Portable Device for Online Single-Trail MRCP Detection and Classification** 2015
Ali Hassan Usman Ghani Farhan Riaz Saad Rehman Mads Jochumsen Denise Taylor Imran Khan Niazi
 Intelligent Data Engineering and Automated Learning – IDEAL 2015, res.country(178,)
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DOI: 10.1007/978-3-319-24834-9_61
- An Empirical Study to Remove Noise from Signal-Trail MRCP for Movement Intention Detection** 2015
Ali Hassan Farhan Riaz Saad Rehman Mads Jochumsen Imran Niazi Kim Dremstrup
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- Enhanced Dynamic Quadrant Histogram Equalization Plateau Limit for Image Contrast Enhancement** 2015
Rizwan Khalid Saad Rehman Farhan Riaz Ali Hassan
 2015 Fifth International Conference on Digital Information and Communication Technology and its Applications (DICTAP), res.country(126,)
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- Human Detection in Sensitive Security areas through Recognition of Omega Shapes using MACH Filters** 2015
Muwahida Liaquat Saad Rehman Farhan Riaz Ali Hassan Rupert Young
 Optical Pattern Recognition XXVI Conference, res.country(233,)
Citations: N/A
DOI: 10.1117/12.2176841
- Synthesis of an Adaptive CPR Filter for Identification of Vehicle Make & Type** 2014
Ahmed Bilal Awan Saad Rehman Seemab Latif
 2014 National Software Engineering Conference, res.country(177,)
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DOI: 10.1109/NSEC.2014.6998236
- Processing movement related cortical potentials in EEG signals for identification of slow and fast movements** 2014
Farhan Riaz Ali Hassan Saad Rehman Imran Niazi M. Jochumsen K. Dremstrup
 2014 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, res.country(233,)
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DOI: 10.1109/EMBC.2014.6944724