

YEAR 2021

NO OF PAPERS	HEC CATEGORY			PAPERS WITH IF	CUMULATIVE IF
47	W	X	Y	19	67.039
	12	20	15		

1. **Muhammad Mazher Iqbal, Husain Parvez**, Fasahat Hussain, Muhammad Rashid; “An Application Specific Reconfigurable Architecture with Reduced Area and Static Memory Cells”; Journal of Circuits, Systems and Computers; ISSN (print): 0218-1266 (online): 1793-6454; DOI: <https://doi.org/10.1142/S0218126621500651>; (**Impact Factor 1.333**), (HEC recognized as “X”).
2. **Muhammad Saad, Maaz Bin Ahmad**, Muhammad Asif, Khalid Masood, Mohammad A. Al Ghamdi; “Social Distancing and Isolation Management Using Machine-to-Machine Technologies to Prevent Pandemics”; Computers, Materials & Continua; ISSN: 1546-2218 (print): 1546-2226 (online); DOI:10.32604/cmc.2021.015720; (**Impact Factor 3.772**), (HEC recognized as “W”).
3. **Sohail Imran**, Tariq Mahmood, Ahsan Morshed, Timos Sellis; “Big Data Analytics in Healthcare. A Systematic Literature Review and Roadmap for Practical Implementation”; IEEE-CAA Journal of Automatica Sinica; ISSN 2329-9266; DOI: 10.1109/JAS.2020.1003384; (**Impact Factor 6.171**), (HEC recognized as “W”).
4. **Tariq Jalees, Sahar Qabool**, Syed Imran Zaman, Syed Hasnain Alam Kazmi; “Effect of spirituality and ethics on green advertising, and the multi- mediating roles of green buying and green satisfaction “; Cogent Business and Management; ISSN 2331-1975; DOI: <https://doi.org/10.1080/23311975.2021.1920559>; (HEC recognized as “X”).
5. **Sahar Altaf**, Sumaira Khan, Muhammad Wajahat Khan, Muhammad Waqar Khan; “A mathematical forecasting model to estimate tax to GDP ratio”; International Journal of Advanced Research in Engineering and technology; ISSN 0976-6499, 0976-6480; DOI: 10.34218/IJARET.12.3.2021.029; (HEC recognized as “Y”).
6. Muhammad Waqar Khan, Sumaira Khan, **Sahar Altaf**, Muhammad Wajahat Khan; “A review of the security issues in cloud computing and its remedial action”; Information Technology in Industry; ISSN 2203-1731; DOI: <http://dx.doi.org/10.17762/itii.v9i1.150>; (HEC recognized as “Y”).

7. **Muhammad Farhan Khan**, Syed Muhammad Monir, **Imran Naseem**, Bilal Muhammad Khan; "Adaptive just-noticeable difference profile for image hashing"; Computers and Electrical Engineering; ISSN 0045-7906; DOI: <https://doi.org/10.1016/j.compeleceng.2020.106967>; (**Impact Factor 3.818**), (HEC recognized as "W").
8. **Muhammad Farhan Khan**, Syed Muhammad Monir, **Imran Naseem**; "Robust image hashing based on structural and perceptual features for authentication of color images"; Turkish Journal of Electrical Engineering & Computer Sciences; E-ISSN: 1303-6203. ISSN: 1300-0632; DOI: [10.3906/elk-2002-6](https://doi.org/10.3906/elk-2002-6); (**Impact Factor 0.806**), (HEC recognized as "X").
9. Rashida Ali Memon, **Sameer Hashmat Qazi**, Bilal Muhammad Khan; "Design and Implementation of a Robust Convolutional Neural Network-Based Traffic Matrix Estimator for Cloud Networks"; Wireless Communications and Mobile Computing; ISSN: 1530-8669 (Print) 1530-8677 (Online); DOI: <https://doi.org/10.1155/2021/1039613>; (**Impact Factor 2.336**), (HEC recognized as "X").
10. **Hira Beenish**, **Fakeha Nasar**, **Ehsan Sheikh**, **Muhammad Fahad**; "Design & Implementation of Monitoring system for Paralysis Patient using IoT"; KIET Journal of Computing & Information Sciences; ISSN(P) 2616-9592 ISSN(E) 2710-5075; DOI: <http://kjcis.pafkiet.edu.pk/index.php/kjcis/issue/view/7/8>; (HEC recognized as "Y").
11. H. Zahid, S. A. Syed, **Afshan Saad**, T. Mushtaq, M. Nadeem, R. Siddiqui, H. Ghazal, E. Waqar; "Portable smart mini patient monitor for improved healthcare outcomes: patient-based care device"; Pakistan Journal of Science; ISSN (Online): 2411-0930 | ISSN (Print): 0030-9877; DOI: https://www.researchgate.net/publication/350725512_PORTABLE_SMART_MINI_PATIENT_MONITOR_FOR_IMPROVED_HEALTHCARE_OUTCOMES_PATIENT-BASED_CARE_DEVICE; (HEC recognized as "Y").
12. Shahida Suleman, **Amena Sibghatullah**, Muhammad Azam; "Religiosity, halal food consumption, and physical well-being: An extension of the TPB"; Cogent Business & Management; ISSN 2331-1975; DOI: <https://doi.org/10.1080/23311975.2020.1860385>; (HEC recognized as "X").
13. Umair Ahmed, Irene Seok-Ching Yong, **Munwar Hussain Pahi**, Sarfraz Ahmed Dakhan; "Does meaningful work encompass support towards supervisory, worker and engagement relationship"; International Journal of Productivity and Performance Management; ISSN 1741-0401, DOI: <https://doi.org/10.1108/IJPPM-06-2020-0321>; (HEC recognized as "X").

14. **Ali Sajid, M. Arsalan Hashmi, Abdullah, Muhammad Amin Hasan**; "Foreign Capital Inflows and Stock Market Development in Pakistan"; Journal of Asian Finance, Economics and Business; ISSN 2288-4645; DOI: 10.13106/jafeb.2021.vol8.no6.0543; (HEC recognized as "Y").
15. **Ali Sajid**, Mohammad Arsalan, Muhammad Tahir Khan, Muhammad Sufyan Ramish;" The Equity Risk Premium Puzzle in Pakistan"; Market Forces; ISSN 2309-866X (Online) 1816-8434 (Print); DOI: <https://doi.org/10.51153/mf.v16i1.474>; (HEC recognized as "Y").
16. Umair Baig, **M. Arsalan Hashmi**, Syed Babar Ali, Saba Zehara; "Exploratory Sequential Mixed Methods in Doctorate Research: Extended Application of Constructivist Grounded Theory"; Journal of Business Studies; ISSN 2414-8393, 2409-6520; <http://ibtjbs.ilmauniversity.edu.pk/journal/jbs/16.2/4.pdf>; (HEC recognized as "Y").
17. **Atif Aziz, Tariq Jalees, Sahar Qabool, Adnan Anwar, Munwar Hussain Pahi**; "Consequences of Ethical Leadership with the Mediating Role of Self-Efficacy and Workplace Climate"; Academy of Strategic Management Journal; ISSN: 1544-1458 (Print)1939-6104 (Online); DOI: <https://www.abacademies.org/articles/Consequences-of-ethical-leadership-with-the-mediating-role-of-self-efficacy-and-workplace-climate-1939-6104-20-4-808.pdf>, (HEC recognized as "X").
18. Fengsheng Chien, Ka Yin Chau, **Tariq Jalees**, Yunqian Zhang, Van Chien Nguyen, Zulfiqar Baloch, "Crude Oil Price Volatility and Economic Growth: Mediating Role of Macro Economics indicators", Singapore Economic Review, ISSN: 0217-5908 (print); 1793-6837 (web), DOI: <https://www.worldscientific.com/doi/full/10.1142/S021759082150051X>; (**Impact Factor 1.184**), (HEC recognized as "X").
19. **Muhammad Fahad**, Tariq Javed, **Hira Beenish**, Adnan Ahmed Siddiqui, Ghufran Ahmed; "Extending ONTAgrri with Service-Oriented Architecture towards Precision Farming Application"; Sustainability; ISSN: 2071-1050; DOI: <https://doi.org/10.3390/su13179801>; (**Impact Factor 3.251**) (HEC recognized as "W").
20. Umair Ahmed, Waheed Ali Umrani, Amna Yousaf, Muhammad Athar Siddiqui, **Munwar Hussain Pahi**; "Developing faithful stewardship for environment through green HRM"; International Journal of Contemporary Hospitality Management; ISSN 0959-6119; DOI: <https://www.emerald.com/insight/content/doi/10.1108/IJCHM-09-2020-1066/full/html>; (**Impact Factor 8.043**) (HEC recognized as "W").

21. Saeed Sial, Maria, **Munwar Hussain Pahi**, Rukhman Solangi, Chunlin Xin; “They can’t treat you well under abusive supervision: Investigating the impact of job satisfaction and extrinsic motivation on healthcare employees”; Rationality and Society - Sageopen; ISSN: 1461-7358, 1043-4631; DOI: <https://journals.sagepub.com/doi/abs/10.1177/104346312111033660?journalCode=rssa>; (**Impact Factor 0.892**) (HEC recognized as “W”).
22. **Saba Javed**, Kashif Ishaque, Shoaib Ahmed Siddique, Zainal Salam; “A Simple yet Fully Adaptive PSO Algorithm for Global Peak Tracking of Photovoltaic Array Under Partial Shading Conditions”; IEEE Transactions on Industrial Electronics (Early Access); ISSN: 0278-0046; DOI: 10.1109/TIE.2021.3091921; (**Impact Factor 8.236**) (HEC recognized as “W”).
23. **Sofia Yousuf Sheikh, Muhammad Taha Jilani**; “A ubiquitous wheelchair fall detection system using low-cost embedded inertial sensors and unsupervised one-class SVM”; Journal of Ambient Intelligence and Humanized Computing; ISSN: 1868-5137, 1868-5145; DOI: <https://doi.org/10.1007/s12652-021-03279-6>; (**Impact Factor 7.104**) (HEC recognized as “W”).
24. Muhammad Khalid, Abid Muhammad Khan, Muhammad Rauf, **Muhammad Taha Jilani**, Sher Afzal; “FPGA-Based Time-Domain Channel Estimation in Gaussian Mixture Model”; Mathematical Problems in Engineering; ISSN: 1024-123X (Print),1563-5147 (Online); DOI: <https://doi.org/10.1155/2021/5596301>; (**Impact Factor 1.305**) (HEC recognized as “X”).
25. Muhammad Asif, **Maaz Bin Ahmad**, Shiza Mushtaq, Khalid Masood, Toqeer Mahmood, Arfan Ali Nagra; “Long Multi-digit Number Recognition from Images Empowered by Deep Convolutional Neural Networks”; The Computer Journal; ISSN: 0010-4620, EISSN 1460-2067; DOI: <https://doi.org/10.1093/comjnl/bxab117>; (**Impact Factor 1.492**) (HEC recognized as “X”).
26. Ubaid M. Al-Saggaf, Muhammad Usman, **Imran Naseem**, Muhammad Moinuddin, Ahmad A Jiman, Mohammed U. Alsaggaf, Hitham K. Alshoubaki, Shujaat Khan; “ECM-LSE: Prediction of Extracellular Matrix Proteins Using Deep Latent Space Encoding of k-Spaced Amino Acid Pairs”; Frontiers in Bioengineering and Biotechnology; ISSN: 2296-4185; DOI: <https://doi.org/10.3389/fbioe.2021.752658>; (**Impact Factor 5.89**) (HEC recognized as “W”).
27. Tanzeela Arooj, **Sajida Parveen**, Muhammad Iqbal, Muhammad Kamran; “Proposing Creativity Inclusion in the Primary Education of Pakistan: Analysis of Educational Policy Documents and Curricula of Multiple Countries to Draw the

Framework”; Turkish Online Journal of Qualitative Inquiry; E-ISSN 1309-6591; DOI: <https://www.tojqi.net/index.php/journal/article/view/6203/4416>; (HEC recognized as “Y”).

28. **Syed Muhammad Atif**, Nicolas Gillis, **Sameer Hashmat Qazi**, **Imran Naseem**; “Structured nonnegative matrix factorization for traffic flow estimation of large cloud networks”; Computer Networks; ISSN 1389-1286; DOI: <https://doi.org/10.1016/j.comnet.2021.108564>; (**Impact Factor 4.474**) (HEC recognized as “W”).

29. S Khurram Khan Alwi, Zobia Zaman, Maroof Bin Rauf, Tahreem Farrukh, **Sajida Parveen**; “Economic Prosperity and Education are Two Sides of the Same Coin: Role Analysis of Public and Private Educational Sectors for Economic Growth”; Multicultural Education; E-ISSN 1064-678X, P-ISSN 1068-3844; DOI: <http://ijdri.com/me/wp-content/uploads/2021/10/27.pdf>, (HEC recognized as “X”).

30. **M. Arsalan Hashmi**, **Abdullah**, Maria Ghani; “COVID-19 and Stock Returns in Asian Economies”; International Journal of Disaster Recovery and Business Continuity; ISSN 2005-4289 (Print) 2207-8363 (Online); DOI: <http://sersc.org/journals/index.php/IJDRBC/article/view/37485>; (HEC recognized as “Y”).

31. **Muhammad Salim**, **M. Arsalan Hashmi**, **Abdullah**; “The Predictive Power of Multi-Factor Asset Pricing Models: Evidence from Pakistani Banks”; Journal of Asian Finance, Economics and Business; ISSN 2288-4645; DOI: <https://doi.org/10.13106/jafeb.2021.vol8.no11.0001>; (HEC recognized as “X”).

32. **Tariq Jalees**, **Sahar Qabool**, **Adnan Anwar**; “A Mediating- Moderating Model on Job Stress and Emotional Intelligence”; KASBIT Business Journal; ISSN: 1994-1609 (Print), 2072-8018 (Online); DOI: <http://kbj.kasbit.edu.pk/Vol14-3/Paper3.pdf>; (HEC recognized as “Y”).

33. Sana Irshad, Kamran Ahsan, Muhammad Abid Khan, Sarwat Iqbal, Muhammad Azhar Hussain, Farhan Shafiq, **Shah Muhammad Emad**; “Context-Aware wearable system for animals- an exploration and classification”; International Journal on Information Technologies & Security; ISSN: 1313-8251; DOI: <https://ijits-bg.com/contents/IJITS-2021-No3/2021-N3-01.pdf>; (HEC recognized as “Y”).

34. Sharfuddin Ahmed Khan, Martin Agyemang, Alessio Ishaizaka, Syed Imran Zaman, **Syed Mubashir Ali**, Jennifer Alaval; “Barriers and overcoming strategies to multi-tier sustainable supply chain management: an explorative study in an emerging

economy”; International Journal of Sustainable Engineering; ISSN: 1939-7038,1939-7046; DOI: <https://doi.org/10.1080/19397038.2021.1986595>; (HEC recognized as “X”).

35. **Mohammad Affan Alim, Abdul Rafey**, Imran Naseem; “PoGB-pred: Prediction of Antifreeze Proteins Sequences Using Amino Acid Composition with Feature Selection Followed by a Sequential-based Ensemble Approach”; Current Bioinformatics ; ISSN: 1574-8936; DOI: [10.2174/1574893615999200707141926](https://doi.org/10.2174/1574893615999200707141926); (**Impact Factor 3.543**) (HEC recognized as “X”).

36. Muhammad Qamar Zia, Muhammad Naveed, Muhammad Adnan Bashir, **Asif Iqbal**; “The influence of servant leadership on employees' outcomes via job embeddedness in hospitality industry”; Journal of Hospitality and Tourism Insights; ISSN: 2514-9792; DOI: <https://doi.org/10.1108/JHTI-01-2021-0003>; (HEC recognized as “Y”).

37. **Ghulam Muhammad**, Aamir Firoz Shamsi; “The power of effective HRM and sustainable competitive advantage”; Middle East Journal of Management; ISSN: 2050-3636; DOI: <https://www.inderscienceonline.com/doi/abs/10.1504/MEJM.2021.118450>; (HEC recognized as “Y”).

38. Saurabh Shukla, Mohd. Fadzil Hassan, Duc Chung Tran, Rehan Akbar, Irving Vitra Papatungan, **Muhammad Khalid Khan**; “Improving latency in Internet-of-Things and cloud computing for real-time data transmission: a systematic literature review (SLR)”; Cluster Computing; ISSN: 1386-7857; DOI: <https://link.springer.com/article/10.1007/s10586-021-03279-3>; (**Impact Factor 1.809**) (HEC recognized as “X”).

39. **Sajida Parveen**, Syed Abdul Aziz; Critical Analysis of Pakistan Educational Policies of 1992, 1998 and 2009 with special reference to examination reforms in Sindh Board”; Pakistan journal of educational research; ISSN: 2663-0443,2707-7985; DOI: <http://pjer.org/index.php/pjer/article/view/260/94>; (HEC recognized as “Y”).

40. **Maryam Moola Bakhsh, Tariq Jalees**, Muhammad Sufyan Ramish, Aqeel Israr, **Atif Aziz**; “Assessing the Impact of Supervisor and Co-worker Incivility on Employee's Turnover Intention among Nurses at Tertiary Care, Public Sector Hospital in Karachi, Pakistan”; International Journal of Innovation, creativity and change; ISSN: 2201-1323; DOI: https://www.ijicc.net/images/Vol_15/Iss_7/15709_Bakhsh_2021_E1_R.pdf; (HEC recognized as “W”).

41. Adeel Israr, Aqeel Israr, **Adnan Anwar, Atif Aziz, Tariq Saeed**; “Management Control Systems and Balance Score Card: From the Perspective of Education Industry”; International Journal of Innovation, creativity and change; ISSN: 2201-1323; DOI: https://www.ijcc.net/images/Vol_15/Iss_8/15848_Aziz_2021_E1_R.pdf; (HEC recognized as “W”).
42. **Rozina Imtiaz**, Malek Ahmad Salem Alsoud, Muhammad Sufyan Ramish, **Atif Aziz, Adnan Anwar**; “Impact of Face book on Advertising: Analysis of effectiveness of Face book on enhancing customer purchase intention”; Elementary Education Online; ISSN: 1305-3515; DOI: <http://ilkogretim-online.org/index.php/io/article/view/3740/2833?mno=81363>; (HEC recognized as “X”).
43. **Atif Aziz**, Aqeel Israr, Abdul Samad Dahri, **Adnan Anwar**, Muhammad Uzair Asif; “The impact of strategic process, information sharing service obtained and service expectation on supply chain performance in freight forwarding industry of Pakistan”; Elementary Education Online; ISSN: 1305-3515; DOI: <http://ilkogretim-online.org/index.php /io/article/view/3740 /2833?mno=81360>; (HEC recognized as “X”).
44. Syed Babar Ali, Zeba Sharif Khan, Zubair A. Shah, Hassaan Ahmed, **Atif Aziz**; “Quality of Internal Risk Rating Framework at Commercial Banks in Pakistan” Elementary Education Online; ISSN: 1305-3515; DOI: <http://ilkogretim-online.org/index.php/io/article/view/3740/2833?mno=81364>;(HEC recognized as “X”).
45. Ubaid Amjad Shiekh, **Atif Aziz**; “The Moderating Impact of Social Media Usage & Perceived Risk on the Relationship of Website Experience and Online Purchase Intention; Elementary Education Online; ISSN: 1305-3515; DOI: <https://www.ilkogretim-online.org/index.php/io/article/view/1431/1287?mno=81365>;(HEC recognized as “X”).
46. Tansif ur Rehman, Mehmood Ahmed Usmani, **Sajida Parveen**; “a critical analysis of the criminal justice system in Pakistan”; Pakistan Journal of International Affairs; ISSN: 2523-1693,2664-360X; DOI: <http://pjia.com.pk/index.php/pjia/article/view/285/209>; (HEC recognized as “Y”).
47. Muhammad Asif, Arfan Ali Nagra, **Maaz Bin Ahmad**, Khalid Masood; Feature Selection Empowered by Self-Inertia Weight Adaptive Particle Swarm Optimization for Text Classification; Applied Artificial Intelligence; ISSN: 1087-6545,0883-9514; DOI: <https://doi.org/10.1080/08839514.2021.2004345>; (**Impact Factor 1.58**), (HEC recognized as “X”).

YEAR 2020.

NO OF PAPERS	HEC CATEGORY			PAPERS WITH IF	CUMULATIVE IF
35	W	X	Y	13	30.348
	16	6	8		

1. **S. Yousuf, M.B. Kadri**; "Information fusion of GPS, INS and Odometer sensors for improving localization accuracy of mobile robots in indoor and outdoor applications"; *Robotica*; ISSN: 0263-5747 (Print), 1469-8668 (Online); DOI: <https://doi.org/10.1017/S0263574720000351>; (**Impact Factor 1.509**), (HEC recognized as "W").
2. Naif Dalish N Alanazi, Tasneem Razzak, Yaser Iftikhar, **Atif Aziz**; "The moderating effect of working environment on the relationship between Organizational Commitment and job performance among nurses of public hospitals in Karachi"; *International Journal of Innovation, creativity and change*; ISSN 2201-1323, https://www.researchgate.net/publication/348252655_The_Moderating_Effect_of_Working_Environment_on_the_Relationship_between_Organisational_Commitment_and_Job_Performance_among_Nurses_of_Public_Hospitals_in_Karachi; (HEC recognized as "W").
3. Muhammad Hashim Shah, ZuopingXiao, **Abdullah**, Shakir Qureshi, Mushtaq Ahmad; "Internal Pyramid Structure, Contract Enforcement, Minority Investor Protection, and Firms Performance: Evidence from Emerging Economies"; *Research in International Business and Finance*; ISSN 0275-5319; DOI: <https://doi.org/10.1016/j.ribaf.2019.101170>; (**Impact Factor 1.801**).
4. Muhammad Ali Dildar, **Muhammad Asif**, Asma Kanwal, **Maaz Bin Ahmad**, Syed A. Gilani;" RESTCub: A Language Independent Middleware for Cognitive Robot"; *International Journal of Humanoid Robotics*; ISSN:0219-8436(Print), 1793-6942(Online); <https://doi.org/10.1142/S0219843620500206>; (**Impact Factor 1.394**) (HEC recognized as "W").
5. Shoaib Riaz, Hadeeqa Batool, **Atif Aziz**; "The Mediating Role of SNN and its Antecedents and Consequences"; *Market Forces*; ISSN 2309-866X (Online) 1816-8434 (Print); DOI: <http://pafkiet.edu.pk/marketforces/index.php/marketforces/article/view/395>; (HEC recognized as "Y").

6. Kinza Shafique, Bilal Khawaja, **Farah Sabir, Sameer Hashmat Qazi**, Muhammad Mustaqim; “Internet of Things (IoT) For Next-Generation Smart Systems: A Review of Current Challenges, Future Trends and Prospects for Emerging 5G-IoT Scenarios”; IEEE ACCESS; ISSN 2169-3536; DOI: 10.1109/ACCESS.2020.2970118; (**Impact Factor 3.745**) (HEC recognized as “W”).
7. Masood Hassan, **M Arsalan Hashmi**; “Innovative Branding Strategies, Consumer Perception and Purchase Intentions in the Insurance Sector of Pakistan”; Pakistan Business Review; ISSN 1561-8706; DOI: pbr.iobm.edu.pk; (HEC recognized as “X”).
8. **Syed Usman Amin, Muhammad Aaqib Shahbaz, Arsalan Jawed**, Naveed, Ayesha Hassan, Asma Mahar, **Fahad Khan**, Noman Masood, Danish Kaleem, Zain Hussain Warsi, **Muhammad Junaid**; “A wirelessly powered low-power digital temperature sensor.”; International Journal of Circuit Theory and Applications; ISSN 1097-007X; DOI: 10.1002/cta.2739; (**Impact Factor 1.581**), (HEC recognized as “W”).
9. **Adnan Anwar, Tariq Jalees**; “Brand Orientation and WOM: Mediating Role of Brand Love”; Journal of Management Sciences; ISSN 2313-0113, 2413-8657; DOI: 10.20547/jms.2014.2007102; (HEC recognized as “Y”).
10. Zille Huma, Nasser Masoud Alotaibi, **Atif Aziz**, Syed Akbar Shah; “The moderating effect of EWOM on online purchase: A perspective from the viewpoint of Pakistan customer”; International Journal for Quality Research; ISSN 1800-7473,1800-6450; DOI: 10.24874/IJQR14.04-10; (HEC recognized as “X”).
11. Muhammad Raza, Vladimir V Kolmakov, **Atif Aziz**, Ali Alshebami; “The Impact of Consumer Perceived Value on Purchase Behavior in a developing country: The Case of Green Products”; International Journal of Innovation, creativity and change; ISSN 2201-1323; DOI: <https://www.researchgate.net/publication/342673929>; (HEC recognized as “W”).
12. **Usman Sikandar, Muhammad Taha Jilani**, Sohail Sarwar, M. Safyan, Zia Ul Qayyum, Amjad Ali; “A Context aware and Intelligent Framework for the Secure Mission Critical Systems”; Transactions on Emerging Telecommunications Technologies; ISSN 2161-3915,2161-5748; DOI: <https://doi.org/10.1002/ett.3954>; (**Impact Factor 1.594**), (HEC recognized as “W”).

13. **Syed Akbar Shah**, Tasneem Razzak, **Muhammad Usman Aleem**, **Atif Aziz**; “Employee Commitment to Service Quality and Leadership Style, a Case of Private Higher Education Institutes of Pakistan”; Talent Development & Excellence; ISSN 1869-2885,1869-0459; DOI: <http://www.iratde.com/index.php/jtde/article/view/1616>; (HEC recognized as “Y”).
14. **M. Arsalan Hashmi**, **Tariq Jalees**, **Sahar Qabool**, **Atif Aziz**, “Consequences of Organizational Culture and the Mediating Role of Job Satisfaction and Turnover Intentions”, Abasyn Journal of Social Sciences, ISSN 1998-152X,2221-6782 DOI: <http://ajss.abasyn.edu.pk/admieditor/papers/AJSS.13.1.22.pdf>, (HEC recognized as “Y”).
15. Rizwan Raheem Ahmed, Faryal Salman, Shahab Alam Malik, Dalia Streimikiene, **Munwar Hussain Pahi**; “Smartphone Use and Academic Performance of University Students: A Mediation and Moderation Analysis”; Sustainability, ISSN: 2071-1050; DOI: <https://doi.org/10.3390/su12010439>; (**Impact Factor 2.576**).
16. **Munwar Hussain Pahi**, Umair Ahmed, Abdullah Zafar Sheikh, Sarfaraz Ahmed Dakhan, Faiz Ahmed Khuwaja, T. Ramayah; “Leadership and commitment to service quality in Pakistan hospitals: the contingent role of role clarity”; Sage Open; ISSN 2158-2440; DOI: <https://doi.org/10.1177/2158244020963642>; (**Impact Factor 0.715**) (HEC recognized as “W”).
17. **Syed Akbar Shah**, Yaser Iftikhar, Naif Dalish N Alanazi, **Atif Aziz**; “The role of Laissez-Faire Leadership style on exemplary followership in education sector of Pakistan”; International Journal of Innovation, creativity and change; ISSN 2201-1323; DOI: <https://www.researchgate.net/publication/344345386>; (HEC recognized as “W”).
18. **Syeda Quratulain Kazmi**, **Mushaghis-Ur-Rehman**, **Tariq Jalees**; “The role of individual level collectivist values (ILCV) in measuring impact on brand loyalty”; Pakistan Business Review; ISSN 1561-8706; DOI: <https://pbr.iobm.edu.pk/wp-content/uploads/2020/07/July-2020-A-10.pdf>; (HEC recognized as “Y”).
19. **Sameer Hashmat Qazi**, **Farah Sabir**, Bilal Khawaja, **Syed Muhammad Atif**, Muhammad Mustaqim; “Why is Internet of Autonomous Vehicles not as Plug and Play as We Think? Lessons to Be Learnt from Present Internet and Future Directions”; IEEE Access; ISSN 2169-3536; DOI:10.1109/ACCESS.2020.3009336; (**Impact Factor 3.745**), (HEC recognized as “W”).

20. Maryam Moula Bakhsh, **Usman Aleem**, Kiran Farooq, **Atif Aziz**; “The mediating effect of organization culture on the relationship between Leadership Styles and Job Performance among Health Care Professionals at Tertiary Care Public Sector Hospital”; International Journal of Innovation, creativity and change; ISSN 2201-1323; DOI: <https://www.researchgate.net/publication/344345305>; (HEC recognized as “W”).
21. Hafiz Burhan Ul Haq, M Asif, **Maaz Bin Ahmad**; “Video Summarization Techniques: A Review”; International journal of scientific & technology research; ISSN 2277-8616; DOI: <https://www.ijstr.org/final-print/nov2020/Video-Summarization-Techniques-A-Review.pdf>; (HEC recognized as “Y”).
22. **Atif Aziz**, Muhammad Raza, Talla M Aldeehani; “The Role of Emotional Intelligence and Perceived Employability in Undergraduate Students”; International Journal of Innovation, creativity and change; ISSN 2201-1323; DOI: <https://www.ijcc.net/index.php/ijcc-editions/2020/164-vol-11-iss-11>; (HEC recognized as “W”).
23. Thai Van Ha, **Amena Sibghatullah**, Sang Soo Chae, Talla M Aldeehani; “The Impact of Environmental and Social Disclosure on Earnings Persistence”; International Journal of Energy Economics and Policy; ISSN 2146-4553; DOI: <http://www.econjournals.com/index.php/ijeep/article/view/10625>; (HEC recognized as “X”).
24. Shafiqur rehman, **Salman Ahmed Khan**, Luai M. Alhems; “Application of TOPSIS Approach to Multi-Criteria Selection of Wind Turbines for On-Shore Sites”; Applied Sciences; ISSN 1454-5101; DOI: <https://www.mdpi.com/20763417/10/21/7595>; (HEC recognized as “X”).
25. Shafiqur rehman, **Salman Ahmed Khan**, Luai M. Alhems; “A Rule-Based Fuzzy Logic Methodology for Multi-Criteria Selection of Wind Turbines”; Sustainability; ISSN: 2071-1050; DOI: <https://www.mdpi.com/2071-1050/12/20/8467>, (**Impact Factor 2.576**), (HEC recognized as “W”).

26. Shafiqur rehman, **Salman Ahmed Khan**, Luai M. Alhems; "The Effect of Acceleration Coefficients in Particle Swarm Optimization Algorithm with Application to Wind Farm Layout Design"; FME Transactions; ISSN 1451-2092; DOI: https://www.mas.bg.ac.rs/_media/istrazivanje/fme/vol48/4/24_sa_khan_et_al.pdf; (HEC recognized as "X").
27. Muhammad Raza, Ali Saleh Alshebam, **Amena Sibghatullah**; "Factors Influencing Renewable Energy Technological Innovation in Malaysia"; International Journal of Energy Economics and Policy; ISSN 2146-4553; DOI: <https://doi.org/10.32479/ijeep.10455>; (HEC recognized as "X").
28. Shujaat Khan, Abdul Wahab, **Imran Naseem**, Muhammad Moinuddin; "Comments on "Design of fractional-order variants of complex LMS and NLMS algorithms for adaptive channel equalization"; Nonlinear Dynamics; ISSN: 0924-090X,1573-269X; DOI: <https://doi.org/10.1007/s11071-020-05850-w>; (**Impact Factor 5.022**), (HEC recognized as "W").
29. Umair Baig, **Manzoor Anwar Khalidi**, Shujaat Mubarak, Salman Sarwat; "An Empirical Insight into the Theory and Practices of Capital Budgeting in Pakistan; Market Forces; ISSN 2309-866X (Online) 1816-8434 (Print), DOI: <https://doi.org/10.51153/mf.v15i2.466>; (HEC recognized as "Y").
30. **Imran Taqi**, Ghulam Muhammad; "Brand Loyalty and the Mediating Roles of Brand Image and Customer Satisfaction"; Market Forces; ISSN: 2309-866X (Online) 1816-8434 (Print); DOI: <http://www.pafkiet.edu.pk/marketforces/index.php/marketforces/article/view/410>; (HEC recognized as "Y").
31. Ayaz H Khan, **Muhammad Zubair**; "Classification of multi-lingual tweets, into multi-class model using Naïve Bayes and semi-supervised learning"; Multimedia Tools and Applications; ISSN: 1380-7501,1573-7721; DOI: <https://link.springer.com/article/10.1007/s11042-020-09512-2>; (**Impact Factor 2.757**), (HEC recognized as "W").
32. Muhammad Faizan, Megat F. Zuhairi, Shahrinaz Ismail, **Sara Sultan**; "Applications of Clustering Techniques in Data Mining: A Comparative Study"; International Journal of Advanced Computer Science and Applications; ISSN 2156-5570 (On Line), 2158-107X (Print); DOI: <https://doi.org/10.14569/ijacsa.2020.0111218>.

33. Najam Muhammad Amin, Lianfeng Shen, **Danish Kaleem**, Zhi-Ghong Wang, Keping Wang, Faisal Siddiqui, Rana Saeed, Haroon Rasheed, Burhan Ahmed; “2.2–4.6-GHz Active Quasi-Circulator with > 24-dB Transmit–Receive Isolation”; Journal of Circuits, Systems and Computers; ISSN: (print): 0218-1266 (online): 1793-6454; DOI: <https://doi.org/10.1142/S0218126620500772>; (**Impact Factor 1.333**), (HEC recognized as “W”).
34. **Ibrahim Hassan, Ayub Latif, Muhammad Khalid Khan**, Fadzil Hassan, Muhammad Saeed; “Accurate cost estimation for software with volatile requirements”, International Journal of Advanced and Applied Sciences; ISSN: 2313-3724; DOI: <https://doi.org/10.21833/IJAAS.2020.03.001>
35. **Muhammad Khalid Khan, Ibrahim Hassan**, Usman Waheed, **Muhammad Ayub Latif**, Fadzil Hassan;” Evaluating Planning Process in Agile Development Methods. A Systematic Literature Review”; International Journal of Advanced and Applied Sciences; ISSN: 2313-3724; DOI: <https://doi.org/10.21833/ijaas.2020.06.012>

YEAR 2019.

NO OF PAPERS	HEC CATEGORY			PAPERS WITH IF	CUMULATIVE IF
38	W	X	Y	18	40.439
	16	3	5		

1. **Muhammad Taha Jilani**, Muhammad Zaka Ur Rehman, Abid Muhammad Khan, Omer Chughtai, Muhammad Azeem Abbas, Muhammad Talha Khan, “An implementation of IoT-based microwave sensing system”, *Microelectronics Journal*, ISSN 0959-8324, DOI: <https://www.sciencedirect.com/science/article/abs/pii/S0026269217306651>, (**Impact Factor 1.405**), (HEC recognized as “W”).
2. **M.B. Kadri**, “Two-Stage Model Free Fuzzy Adaptive Controller for multiplicative disturbance rejection”, *Journal of Intelligent & Fuzzy Systems*, ISSN 1875-8967,1064-1246, DOI: <https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs171548>, (**Impact Factor 1.851**), (HEC recognized as “W”).
3. **Syed Muhammad Arif, Sameer Hashmat Qazi**, Nicolas Gillis, “Improved SVD-based Initialization for Nonnegative Matrix Factorization using Low-Rank Correction”, *Pattern Recognition Letters*, ISSN 0167-8655, DOI: 10.1016/j.patrec.2019.02.018, (**Impact Factor 3.255**), (HEC recognized as “W”).
4. Mayez Al-Mouhamed, **Ayaz Ul Hassan**, Nazeeruddin Mohammad, “A Review of CUDA Optimization Techniques for Structured Grid Computing”, *Computing*, ISSN 0010-485X, EISSN 1436-5057, DOI: <https://doi.org/10.1007/s00607-019-00744-1>; (**Impact Factor 2.044**), (HEC recognized as “W”).
5. Shafiqur rehman, **Salman Ahmed Khan**, “Goal Programming-Based Two-Tier Multi-Criteria Decision-Making Approach for Wind Turbine Selection”, *Applied Artificial Intelligence*, ISSN 1087-6545,0883-9514 DOI: <https://www.tandfonline.com/doi/abs/10.1080/08839514.2018.1525525?journalCode=uaai20>, (**Impact Factor 1.172**), (HEC recognized as “W”).

6. Irfan Ali Kandhro, Muhammad Ameen Chhajro, Kamlesh Kumar, **Usman Khan** “Student Feedback Sentiment Analysis Model using Various Machine Learning Schemes A Review”, Indian Journal of Science and Technology, ISSN 0974-5645, 0974-6846, DOI: 10.17485/ijst/2019/v12i14/143243
7. **Sarmad Ahmed Sheikh**, Andrea M. Tonello, “Radio Source Localization in Multipath Channels Using EM Lens Assisted Massive Antennas Arrays”, IEEE ACCESS, ISSN 2169-3536, DOI: <https://ieeexplore.ieee.org/document/8603676>, (**Impact Factor 3.745**), (HEC recognized as “W”).
8. Sufian Hameed, **Faraz Idris Khan**, Bilal Hameed, “Understanding Security Requirements and Challenges in Internet of Things (IoT): A Review”, Journal of Computer Networks and Communication, ISSN 2090-7141,2090-715X, DOI: <https://doi.org/10.1155/2019/9629381>.
9. **Muhammad Tauseef Nasir**, Muhammad Ansab Ali, Tariq Saeed Khan, Ebrahim Al-Hajri, **M.B. Kadri**, Kyung Chun Kim, “Performance assessment and multi objective optimization of an Organic Rankine Cycle driven cooling air conditioning system, Energy and Buildings, ISSN 0378-7788, DOI: <https://doi.org/10.1016/j.enbuild.2019.03.012>, (**Impact Factor 4.867**), (HEC recognized as “W”).
10. Muhammad Rauf, Abid Muhammad Khan, Adeel Ansari, **Muhammad Taha Jilani**, Taha Shahzeb, “Skin depth verification of the electromagnetic waves for hydrocarbon detection”, International Journal of Applied Electromagnetics and Mechanics, ISSN 1383-5416, DOI: <https://content.iospress.com/articles/international-journal-of-applied-electromagnetics-and-mechanics/jae180105>, (**Impact Factor 0.684**), (HEC recognized as “W”).
11. **Muhammad Arif**, **Imran Naseem**, M. Moinuddin, U. M. Al-Saggaf, “Modified Incremental LMS with Improved Stability via Convex Combination of Two Adaptive Filters”, Circuits, Systems, and Signal Processing, ISSN 0278-081X (Print) 1531-5878 (Online), DOI: 10.1007/s00034-019-01061-w, (**Impact Factor 1.681**), (HEC recognized as “W”).

12. **Muhammad Arif, Imran Naseem**, M. Moinuddin, Muhammad Nasir Iqbal, “Improved Optimum Error Nonlinearities using Craner-Rao Bound Estimation”, *Circuits, Systems, and Signal Processing*, ISSN 0278-081X (Print) 1531-5878 (Online), DOI: 10.1007/s00034-019-01114-0; (**Impact Factor 1.681**), (HEC recognized as “W”).
13. **Muhammad Naveed, Sameer Hashmat Qazi, Syed Muhammad Atif**, Bilal A. Khawaja, Muhammad Mustaqim, “SCRAS Server-Based Cross layer Rate-Adaptive Video Streaming over 4G-LTE for UAV-Based Surveillance Applications”, *MDPI Electronics*, ISSN: 2079-9292, DOI: <https://www.mdpi.com/2079-9292/8/8/910>, (**Impact Factor 2.845**), (HEC recognized as “W”).
14. Guoxiang Zhang, Xiaoyan Huang, Zetian Fu, **Muhammad Taha Jilani**, Hailing Luo, “Correlation between physical properties and freshness of chilled mutton in China”, *Journal of Food Processing and Preservation*, ISSN 0145-8892,1745-4549, DOI: <https://onlinelibrary.wiley.com/doi/abs/10.1111/jfpp.14231>, (**Impact Factor 1.405**), (HEC recognized as “W”).
15. U.B. Abad, M Asif, **Maaz Bin Ahmad**, T Mahmood, A Hashmi, “Towards Reducing the Damage of Fire through Fire Fighting Autonomous Robot”, *Technical Journal*, ISSN: 2313-7770 (Online),1813-1786 (**Print**), DOI: <http://tj.uettaxila.edu.pk/index.php/technical-journal/article/view/944/81>, (HEC recognized as “Y”).
16. Saurabh Shukla, Mohd Fadzil Hassan, **Muhammad Khalid Khan**, Low Tang Jung, Azlan Awang “An analytical model to minimize the latency in healthcare internet-of-things in fog computing environment”, *PloS one*, ISSN 1932-6203, DOI: 10.1371/journal.pone.0224934, (**Impact Factor 2.74**), (HEC recognized as “W”).
17. Asif Warsi, **Amena Sibghatullah**, Athar Iqbal, “Empirics of Agricultural Production: Comparison of Instrumental Variable and Two Stage Least Square Approach”, *Journal of Business Studies*, ISSN 2414-8393, 2409-6520, DOI: <http://jms.ilmauniversity.edu.pk/index.php/IBTJBS/article/view/317/261>, (HEC recognized as “Y”).
18. **Syeda Quratulain Kazmi**, “The Impact of Indulgence and Restrain cultural dimension on Brand equity”, *Global Journal of Management Academics (GMJAC)*, ISSN 2219-6145, DOI: https://www.researchgate.net/publication/349834659_The_Impact_of_Indulgence_and_Restrain_cultural_dimension_on_Brand_equity, (HEC recognized as “Y”).

19. **Sahar Qabool, Tariq Jalees**, “Extension of social learning theory for understanding the perception towards abusive behavior: a case of banking sector in Pakistan”, Pakistan Business Review, ISSN 1561-8706, DOI: <https://pbr.iobm.edu.pk/wp-content/uploads/2021/06/PBR-JULY-2019.pdf>, (HEC recognized as “X”).
20. Yushi Jiang, Miao Miao, **Tariq Jalees**, Syed Imran Zaman, “Analysis of the moral mechanism to purchase counterfeit luxury goods: evidence from China”, Asia Pacific Journal of Marketing and Logistics, ISSN 1355-5855,1758-4248, DOI: <https://doi.org/10.1108/APJML-05-2018>, (**Impact Factor 2.511**).
21. **Kaenat Malik, Tariq Jalees**, “The Mediating Role of Employer Branding Between Employee Satisfaction and Talent Management”, Journal of Business Studies, ISSN 2414-8393,2409-6520, DOI: <http://ibtjbs.ilmauniversity.edu.pk/journal/jbs/15.2/6.pdf>, (HEC recognized as “Y”).
22. Miao Miao, **Tariq Jalees, Sahar Qabool**, Syed Imran Zaman,” The effects of personality, culture and store stimuli on impulsive buying behavior: Evidence from emerging market of Pakistan” Asia Pacific Journal of Marketing and Logistics, ISSN 1355-5855,1758-4248, DOI: [10.1108/APJML-09-2018-0377](https://doi.org/10.1108/APJML-09-2018-0377), (**Impact Factor 2.511**).
23. **Abdul Wahab Khan, Usman Khan, Maaz Bin Ahmad**, Farhan Shafique; “Impact of Scrum and Tactic Workflow Management System on Organization Performance. (A study on Animation Studios in Pakistan)”; International Journal of Advanced Research in Engineering and technology; ISSN 0976-6499, 0976-6480; DOI: [10.14569/IJACSA.2019.0101174](https://doi.org/10.14569/IJACSA.2019.0101174).
24. Muhammad Sufyan Ramish, Adnan Bashir, **Tariq Jalees**; “Visual Appeal of Stock Photographs Affecting the Consumers Attitude Towards Advertising”; Global Management Journal for Academic & Corporate Studies; ISSN: 2219 -6145; DOI: <https://gmjacs.bahria.edu.pk/index.php/ojs/article/view/90>; (HEC recognized as “Y”).
25. **Uzair Khan, Muhammad Khalid Khan**, Fadzil Hassan, Anam Siddiqui, **Muhammad Afaq**; “Towards Achieving Machine Comprehension Using Deep Learning on Non-GPU Machines”; Engineering Technology & Applied Science Research; ISSN: 2241-4487; DOI: <https://doi.org/10.48084/etasr.2734>.

26. **Owais A Hussain, Faraz Zaidi**, Céline Rozenblat; “Analyzing Diversity, Strength and Centrality of Cities Using Networks of Multinational Firms”; Networks and Spatial Economics volume; ISSN: 1566-113X; DOI: <https://link.springer.com/article/10.1007/s11067-018-9428-8>; (**Impact Factor 2.379**), (HEC recognized as “W”).
27. Sumaira Khan, **Sahar Altaf**; “An approximate solution of fractional Kolmogorov-Petrovskii-Piskunov Equation.”; Matematika; ISSN: 0127-8274; DOI: <https://doi.org/10.11113/matematika.v35.n3.1198>.
28. **Sahar Altaf**, Sumaira Khan; “Numerical solution of Fractional Electrical circuits by Haar wavelet”; Matematika; ISSN: 0127-8274; DOI: <https://matematika.utm.my/index.php/matematika/article/download/331-343/823>.
29. **Owais A Hussain, Khurum N Junejo**; “Predicting treatment outcome of drug-susceptible tuberculosis patients using machine-learning models”; Informatics for Health and Social Care; ISSN: 1753-8157 / 1753-8165; DOI: <https://www.tandfonline.com/doi/full/10.1080/17538157.2018.1433676>; (**Impact Factor 1.982**), (HEC recognized as “W”).
30. Muhammad Aqeel, Mukarram Pasha, Muhammad Saeed, **Muhammad Kamran Nishat**, Maryam Feroz, Farhan Ahmed Siddiqui, Nasir Touheed; “The Impact of using Social Network on Academic Performance by using Contextual and Localized Data Analysis of Facebook Groups”; International Journal of Advanced Computer Science and Applications; ISSN 2156-5570 (On Line), 2158-107X (Print); DOI: 10.14569/IJACSA.2019.0101252.
31. **Muhammad Farhan Khan**, Syed Muhammad Ghazanfar Monir, **Imran Naseem**; “A Novel Zero-Watermarking Based Scheme for Copyright Protection of Grayscale Images; Mehran University Research Journal of Engineering and Technology; ISSN: 0254-7821; DOI: <https://doi.org/10.22581/muet1982.1903.09>; (HEC recognized as “X”).
32. **Alishba Sadiq**, Shujaat Khan, **Imran Naseem**, Robert Togneri, Mohammed Bennamoun; “Enhanced q -least Mean Square”; Circuits, Systems, and Signal Processing, ISSN 0278-081X (Print) 1531-5878 (Online) DOI: <https://doi.org/10.1007/s00034-019-01091-4>. ; (**Impact Factor 1.681**), (HEC recognized as “W”).
33. **Rafi Ullah, Ayaz H Khan, Shah Muhammad Emaduddin**; “ck-NN: A Clustered k-Nearest Neighbours Approach for Large-Scale Classification”; Advances in Distributed Computing and Artificial Intelligence Journal; ISSN: 2255-2863; DOI: <https://doi.org/10.14201/ADCAIJ2019836777>.

34. **Muhammad Aneeq Yusuf, Muhammad Khalid Khan**, Tariq Mahmood, **Muhammad Umer, Rafi Ullah Afridi**; “Analyzing the Impact of Forest Cover at River Bank on Flood Spread by using Predictive Analytics and Satellite Imagery”; International Journal of Advanced Computer Science and Applications; ISSN 2156-5570 (On Line), 2158-107X (Print); DOI: 10.14569/IJACSA.2019.0101131.
35. Anh Nguyen-Duc, **Muhammad Khalid Khan**, Sohaib Shahid Bajwa, Tor Lønnestad; “Minimum Viable Products for Internet of Things Applications: Common Pitfalls and Practices”; Future Internet; ISSN 1999-5903; DOI: <https://doi.org/10.3390/fi11020050>.
36. **Ayaz H Khan**, Ali M. Qamar, **Aneeq Yusuf**, Rehanullah Khan; “Software Abstractions for Large-Scale Deep Learning Models in Big Data Analytics”; International Journal of Advanced Computer Science and Applications; ISSN 2156-5570 (On Line), 2158-107X (Print); DOI: <https://dx.doi.org/10.14569/IJACSA.2019.0100469>.
37. Raazi Muhammad Khaliq-ur-Rahman Syed, **M.B. Kadri**; “A Multi-Threaded Communication Architecture for Networked Control Systems”; NUST Journal of Engineering Sciences; ISSN: 2070-9900; DOI: <https://journals.nust.edu.pk/index.php/njes/article/view/403/116>; (HEC recognized as “X”).
38. **Muhammad Khalid Khan**, Anam Siddiqui, Usman Waheed, Fadzil Hassan, Anh Nguyen Duc; “Towards Continuous Value Delivery with Review Meetings in Agile Methodologies. A Structured Review”; International Journal of Advanced and Applied Sciences; ISSN: 2313-3724; DOI: <https://doi.org/10.21833/ijaas.2019.10.005>.

YEAR 2018.

NO OF PAPERS	HEC CATEGORY			PAPERS WITH IF	CUMULATIVE IF
	W	X	Y		
21	W	X	Y	12	14.063
	9	2	2		

1. **Sameer Hashmat Qazi, M.B. Kadri**; “Revisiting Constraint Based GeoLocation: Improving Accuracy through Removal of Outliers”; International Arab Journal of Information Technology (IAJIT); ISSN: 1683-3198; DOI: https://www.researchgate.net/publication/288799073_Revisiting_Constraint_Based_GeoLocation_Improving_Accuracy_through_Removal_of_Outliers; (**Impact Factor 0.410**), (HEC recognized as “W”).
2. **Sameer Hashmat Qazi, Syed Muhammad Atif, M.B. Kadri**; “A Novel Compressed Sensing Technique for Traffic Matrix Estimation of Software Defined Cloud Networks”; KSII Transactions on Internet and Information Systems; ISSN: 1976-7277,2288-1468; DOI: 10.3837/tiis.2018.10.004, (**Impact Factor 0.648**), (HEC recognized as “W”).
3. Muhammad Asif, **Maaz Bin Ahmad**, Imtiaz A. Taj, Muhammad Tahir, “A Generalized Multi-Layer Framework for Video Coding to Select Prediction Parameters”, IEEE Access journal, ISSN 2169-3536 DOI: <https://ieeexplore.ieee.org/abstract/document/8318583>, (**Impact Factor 3.557**), (HEC recognized as “W”).
4. **Iftikhar ul Sami, Maaz Bin Ahmad**, Muhammad Asif, **Rafi Ullah**,” DoS/DDoS Detection for E-Healthcare in Internet of Things”, International Journal of Advanced Computer Science and Applications; ISSN 2156-5570 (On Line), 2158-107X (Print); DOI: 10.14569/IJACSA.2018.090140.
5. Muhammad Mustaqim, Bilal A. Khawaja, Asghar Razzaqi, Sajjad Zaidi, **Syed Arsalan Jawaid, Sameer Hashmat Qazi** “Wideband and High Gain Antenna Arrays for UAV-to-UAV and UAV-to-Ground Communication in Flying Ad-Hoc Networks (FANETs)”, Microwave and Optical Technology Letters, ISSN: 1098-2760,0895-2477 ;DOI: <https://doi.org/10.1002/mop.31130>, (**Impact Factor 0.948**), (HEC recognized as “W”).
6. **Imran Naseem**, Roberto Togneri, Mohammed Bennamoun, “Rafp-pred: Robust prediction of antifreeze proteins using localized analysis of n-peptide compositions”, IEEE-ACM Transactions on Computational Biology and Bioinformatics (TCBB);

ISSN: 1557-9964,1545-5963 DOI: <https://ieeexplore.ieee.org/document/7590067>, (**Impact Factor 2.428**), (HEC recognized as “W”).

7. **Mohammad Affan Alim, Imran Naseem**, Roberto Togneri, Mohammed Bennamoun, “The most discriminant sub bands for face recognition: A novel information-theoretic framework”, International Journal of Wavelets, Multiresolution and Information Processing; ISSN: 0219-6913; DOI: <https://doi.org/10.1142/S0219691318500406>, (**Impact Factor 0.54**), (HEC recognized as “W”).

8. **Muhammad Usman Aleem**, Marria Purwani, Usman Ali, Syed Babar Ali, Naeem Bhojani, “Power of Training and Development on Employee Retention in Pharmaceutical Organization”, Journal of Business Studies, ISSN 2414-8393, 2409-6520, DOI: <http://jms.ilmauniversity.edu.pk/index.php/IBTJBS/article/view/506>, (HEC recognized as “Y”).

9. Muhammad Sadiq shahid, Razaz Houssien Felimban, khawar naheed, **Muhammad Usman Aleem**, Shaiza Nawaz, “Ownership structures, investors confidence and financial decision in family firms”, Journal of Business Studies, ISSN 2414-8393, 2409-6520, DOI: <http://jms.ilmauniversity.edu.pk/index.php/IBTJBS/article/view/224>, (HEC recognized as “Y”).

10. **Muhammad Usman Aleem**, Mushaghis- Ur- Rehman, “HR practices and their impact on SME`s operating in Karachi”, Pakistan Business Review, ISSN 1561-8706, DOI: <https://pbr.iobm.edu.pk/wp-content/uploads/2019/01/17-PBR-Journal2018.pdf>, (HEC recognized as “X”).

11. M. T. Khan, **Muhammad Taha Jilani**, A. M. Khan, F. Hafeez, A. K. Memon, “Effects of defected ground structure slot tuning on frequency and circuit parameters of bandpass filter”, Journal of Optoelectronics and advanced materials; ISSN: 1454-4164; DOI: <https://joam.inoe.ro/articles/effects-of-defected-ground-structure-slot-tuning-on-frequency-and-circuit-parameters-of-bandpass-filter/fulltext>, (**Impact Factor 0.39**), (HEC recognized as “W”).

12. Abid Muhammad Khan, Varun Jeoti, Muhammad Zaka Ur Rehman, **Muhammad Taha Jilani**, Omer Chughtai, Mubashir Hussain Rehmani, “Pilot-Based Time Domain SNR Estimation for Broadcasting OFDM Systems”, Journal of Computer Networks and Communications; ISSN: 2090-7141,2090-715X; DOI: <https://doi.org/10.1155/2018/9319204>.

13. Tariq Mahmood, Khadija Rohail, **Muhammad Khalid Khan**, “Cluster Analysis of Pakistani Terrorism Events to Support Counterterrorism”, Societies; ISSN: 1561-8706; DOI: <https://www.mdpi.com/2075-4698/8/4/127/pdf>.

14. Muhammad Hashim Shah, Xiao Zuoping, **Abdullah**, Muhammad Kashif Shah, “The Effect of a Complex Ownership Structure and Judicial Efficiency on Leverage: Evidence from Pakistani Listed Companies”, *Emerging Markets Finance & Trade*; ISSN: 1540-496X DOI: 10.1080/1540496X.2018.1469404, (**Impact Factor 0.828**).
15. Shujaat Khan, **Imran Naseem**, Muhammad Ammar Malik, Roberto Togneri, Mohammed Bennamoun, “A Fractional Gradient Descent-based RBF Neural Network”, *Circuits, Systems, and Signal Processing*, ISSN 0278-081X (Print) 1531-5878 (Online) DOI: <https://link.springer.com/article/10.1007/s00034-018-0835-3>, (**Impact Factor 1.998**), (HEC recognized as “W”).
16. **Muhammad Arif, Imran Naseem**, M. Moinuddin, U. M. Al-Saggaf, “Design of an Intelligent q-LMS Algorithm for Tracking a Non-stationary channel”, *Arabian Journal for Science and Engineering*; ISSN 2191-4281,2193-567X; DOI: 10.1007/s13369-017-2883-6, (**Impact Factor 1.092**), (HEC recognized as “W”).
17. Syed Imran Zaman, **Tariq Jalees**, Yushi Jiang, Syed Hasnain Alam, “Testing and incorporating additional determinants of ethics in counterfeiting luxury research according to the theory of planned behavior”, *Psihologija*; ISSN: 1451-9283,0048-5705 DOI: <https://doi.org/10.2298/PSI170211014Z>, (**Impact Factor 0.396**).
18. Yushi Jiang, Luo Xiao, **Tariq Jalees**, Mishal Hasnain Naqvi, Syed Imran Zaman, “Moral and Ethical Antecedents of Attitude Toward Counterfeit Luxury Products: Evidence from Pakistan”, *Emerging Markets Finance & Trade*; ISSN: 1540-496X; DOI: <https://doi.org/10.1080/1540496X.2018.1480365>, (**Impact Factor 0.828**).
19. **Tariq Jalees**, Mushaghis- Ur- Rehman, “Role of Visual Merchandizing, Sensational Seeking, and Collectivism in Consumers, Impulsive Buying Behavior at Shopping Malls”, *Pakistan Journal of Psychological Research*; ISSN: 1016-0604 DOI: https://www.researchgate.net/publication/329752210_Role_of_visual_merchandizing_sensational_seeking_and_collectivism_in_consumers'_impulsive_buying_behavior_at_shopping_malls, (HEC recognized as “X”).

20. **M. Arsalan Hashmi**, R K Brahmana, E Lau; “Political connections, family firms and earnings quality”; Management Research Review; ISSN: 2040-8269; DOI: <https://www.emerald.com/insight/content/doi/10.1108/MRR-05-2017-0136/full/html>
21. Tariq Mahmood, Shaukat Wasti, **Khalid Khan**, Syed Hammad Ahmed, Zubair A Sheikh; “Information Processing in EventWeb through Detection and Analysis of Connections between Events; International Journal of Advanced Computer Science and Applications; ISSN 2156-5570 (On Line), 2158-107X (Print); DOI: <https://pdfs.semanticscholar.org/c014/bba4e44c688abd17cd0bf4f2d49415ba8d8e.pdf>

YEAR 2017.

NO OF PAPERS	HEC CATEGORY			PAPERS WITH IF	CUMULATIVE IF
18	W	X	Y	10	15.737
	10	2	2		

1. **M.B. Kadri**; “Model-Free Fuzzy Adaptive Control for MIMO Systems”; Arabian Journal for Science and Engineering; ISSN 2191-4281,2193-567X; DOI: <https://link.springer.com/article/10.1007%2Fs13369-017-2441-2>; (**Impact Factor 1.092**), (HEC recognized as “W”).
2. Shujaat Khan, Jawwad Ahmad, **Imran Naseem**, Muhammad Moinuddin; “A novel fractional gradient-based learning algorithm for recurrent neural networks”; Circuits, Systems, and Signal Processing; ISSN: 0278-081X (Print) 1531-5878 (Online); DOI: <https://link.springer.com/article/10.1007/s00034-017-0572-z>; (**Impact Factor 1.998**), (HEC recognized as “W”).
3. Muhammad Noman khalid, Muhammad Iqbal, Muhammad Talha Alam, Vishal Jain, **Hira Beenish**, Kamran Rasheed; “Web Unique Method (WUM): An Open Source Blackbox Scanner for Detecting Web Vulnerabilities”; International Journal of Advanced Computer Science and Applications; ISSN: 2156-5570 (On Line), 2158-107X (Print); DOI: 10.14569/IJACSA.2017.081254
4. **Yasir Siddiqi, Syed Arsalan Jawed, Naveed Ahmed**; “PVT-tolerant Current Reference Generation using different PTAT currents”; Microelectronics Journal; ISSN 0026-2692; DOI: <https://www.sciencedirect.com/science/article/abs/pii/S0026269217300721>; (**Impact Factor 1.322**), (HEC recognized as “W”).
5. **Syed Arsalan Jawed, Ali Asghar**, khubaib, Shahbaz Abbasi, **Muhammad Naveed, Yasir Siddiqui, Waqas Sidiqi**; “A Configurable 2Gbps LVDS Transceiver in 150nm CMOS with Pre-Emphasis, Equalization and Slew-Rate-Control”; International Journal of Circuit Theory and Applications; ISSN Online :1097-007X; DOI: <https://onlinelibrary.wiley.com/doi/full/10.1002/cta.2289>; (**Impact Factor 1.444**), (HEC recognized as “W”).
6. **Ali Asghar, Muhammad Mazher Iqbal, Waqar Ahmed**, Syed Mujahid Ali, **Husain Parvez**, Muhammad Rashid; Exploring Shared SRAM Tables in FPGAs for Larger LUTs and Higher Degree of Sharing; International Journal of Reconfigurable Computing; ISSN 1687-7195; DOI:10.1155/2017/7021056 .

7. **Imran Naseem, Mohammad Affan Alim**, Roberto Togneri, Mohammed Bennamoun Asia Samreen; “Iris recognition using class-specific dictionaries”; Computers and Electrical Engineering; ISSN 0045-7906; DOI: <https://www.sciencedirect.com/science/article/pii/S0045790615004486>; (**Impact Factor 1.747**), (HEC recognized as “W”).
8. Muhammad Adnan Bashir, Nadia Ayub, **Tariq Jalees**; “The impact of the firm generated contents and the user generated contents through social media on brand equity elements”; Pakistan Business Review; ISSN 1561-8706; DOI: https://www.researchgate.net/publication/320709576_THE_IMPACT_OF_THE_FIRM_GENERATED_CONTENTS_AND_THE_USER_GENERATED_CONTENTS_THROUGH_SOCIAL_MEDIA_ON_BRAND_EQUITY_ELEMENTS; (HEC recognized as “X”).
9. Junaid Ansari, Farheen Khalid, **Tariq Jalees**, Muhammad Sufyan; “Consumer's Attitude towards Ramadan Advertising” ; South Asian Journal of Management Sciences; ISSN 2074 -2967; DOI: <http://sajms.iurc.edu.pk/paper.php?id=SAJMS11102>; (HEC recognized as “X”).
10. Marium Mateen Khan, Noman Mehmood, **Tariq Jalees**; “Perceived Usefulness of Mobile and Mobile Advertising: Understanding Relationship through Structural Approach”; Global Management Journal for Academic & Corporate Studies ; ISSN: 2219 -6145; DOI: <https://gmjacs.bahria.edu.pk/index.php/ojs/article/view/35/156>; (HEC recognized as “Y”).
11. S. Gulzar, A. Advani, **Tariq Jalees**; “Impact of Performance Appraisal on Employee Retention: A study on Banking Sector of Pakistan”; Journal of Independent Studies and Research-Management, Social Sciences and Economics; ISSN: 1998-4162; DOI: <http://jisr.szabist.edu.pk/JISR-MSSE/Publication/2017/15/1>; (HEC recognized as “Y”).
12. **Syeda Umema Hani**, Abu Turab Alam; “Software Development for Information System- Achieving Optimum Quality with Security”; International Journal of Information System Modeling and Design; ISSN: 1947-8186; DOI: https://www.researchgate.net/publication/324928655_Software_Development_for_Information_System_Achieving_Optimum_Quality_with_Security.
13. **Syed Arsalan Jawed**, Sohaib Saadat Afridi, Muhammad Arsalan Anjum, khubaib Khan; “IO circuit design for 2.5D through-silicon-interposer interconnects”; International Journal of Circuit Theory and Applications; ISSN Online :1097- 007X; DOI: <https://doi.org/10.1002/cta.2233>; (**Impact Factor 1.444**), (HEC recognized as “W”).

14. **Najam Muhammad Amin**, Lianfeng Shen, Zhi-Gong Wang, **Muhammad Ovais Akhter**, Muhammad Tariq Afridi; "60 GHz-Band Low-Noise Amplifier"; Journal of Circuits, Systems and Computers; ISSN: (print): 0218-1266 (online): 1793-6454; DOI: <https://doi.org/10.1142/S021812661750075X>; (**Impact Factor 0.595**), (HEC recognized as "W").
15. Shujaat Khan, **Imran Naseem**, Robert Togneri, Mohammed Bennamoun; "A novel adaptive kernel for the RBF neural networks"; Circuits, Systems, and Signal Processing, ISSN 0278-081X, (Print) 1531-5878 (Online), DOI: <https://doi.org/10.1007/s00034-016-0375-7>; (**Impact Factor 1.998**), (HEC recognized as "W").
16. **Muhammad Qasim Pasta, Faraz Zaidi**; "Topology of Complex Networks and Performance Limitations of Community Detection Algorithms"; IEEE ACCESS; ISSN 2169-3536; DOI: 10.1109/ACCESS.2017.2714018; (**Impact Factor 3.557**), (HEC recognized as "W").
17. **Imran Naseem**; Shujaat Khan, Robert Togneri, Mohammed Bennamoun; "ECMSRC: A Sparse Learning Approach for the Prediction of Extracellular Matrix Proteins"; Current Bioinformatics; ISSN: 1574-8936; DOI: 10.2174/1574893611666151215213508; (**Impact Factor 0.54**), (HEC recognized as "W").
18. **Iftikhar ul Sami, Khurum Nazir Junejo**; "Predicting Future Gold Rates using Machine Learning Approach"; International Journal of Advanced Computer Science and Applications; ISSN 2156-5570 (On Line), 2158-107X (Print); DOI: https://thesai.org/Downloads/Volume8No12/Paper_13-Predicting_Future_Gold_Rates.pdf.