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Dr. Qasim Ali

Chairman Department of Software Engg: MUET

Professor, PhD (Information Security/Smart Transportation System)

Mehran UET Jamshoro

IMPACT FACTOR JOURNAL PUBLICATIONS :

S#	Name & Designation of Faculty Member(s) / Author(s)	Title of Research Paper	Complete Name and Address of the Journal	Thomson Reuters ISI Indexed / Scopus / Other Indexing / Abstracting Service / Impact Factor	Category of Journal
1	Dr. Qasim Ali Professor	I Memon, QA Arain (July 2017). Dynamic path privacy protection framework for continuous query service over road networks World Wide Web 20 (4), 639-672	World Wide Web	Thomson Reuters + Impact Factor I.F (2.892)	W
2	Dr. Qasim Ali Professor	MH Memon, JP Li, I Memon, QA Arain (July 2017), GEO matching regions: multiple regions of interests using content based	Multimedia Tools and Applications	Thomson Reuters + Impact Factor I.F (2.313)	W

		image retrieval based on relative locations Multimedia Tools and Applications 76 (14), 15377-15411			
3	Dr. Qasim Ali Professor	QA Arain , MA Uqaili, Z Deng, I Memon, J Jiao, MA Shaikh, A Zubedi, (July 2018). Clustering based energy efficient and communication protocol for multiple mix-zones over road networks Wireless Personal Communications 95 (2), 411-428	Wireless Personal Communication	Thomson Reuters + Impact Factor I.F (1.061)	X
4	Dr. Qasim Ali Professor	Imran Memon, Qasim Ali , Asma Zubedi (November 2018). DPMM: dynamic pseudonym-based multiple mix-zones generation for mobile traveler FAM Multimedia Tools and Applications.	Multimedia Tools and Application	Thomson Reuters + Impact Factor I.F (2.313)	W
5	Dr. Qasim Ali Professor	QA Arain , D Zhongliang, I Memon, S Arain, FK Shaikh, A Zubedi, MA Unar, (July 2018). Privacy preserving dynamic pseudonym-based multiple mix-zones authentication protocol over road networks ... Wireless Personal Communications 95 (2), 505-521	Wireless Personal Communication	Thomson Reuters + Impact Factor I.F (1.061)	X
6	Dr. Qasim Ali Professor	I Memon, QA Arain , H Memon, FA Mangi (February 2018). Efficient user based authentication protocol for location based services discovery over road networks Wireless Personal Communications 95 (4), 3713-3732	Wireless Personal Communication	Thomson Reuters + Impact Factor I.F (1.061)	X
7	Dr. Qasim Ali Professor	I Memon, L Chen, QA Arain , H Memon, G Chen (October 2018). Pseudonym changing strategy with multiple mix zones for trajectory privacy protection in road networks International Journal of Communication Systems 31 (1), e3437	International journal of Communication systems	Thomson Reuters + Impact Factor I.F (1.319)	W
8	Dr. Qasim Ali Professor	QA Arain , I Memon, Z Deng, MH Memon, FA Mangi, A Zubedi (March 2018). Location monitoring approach: multiple mix-zones with location privacy protection based on traffic flow over road networks Multimedia Tools and Applications 77 (5), 5563-5607	Multimedia Tools and Application	Thomson Reuters + Impact Factor I.F (2.313)	W
9	Dr. Qasim Ali Professor	QA Arain , Z Deng, I Memon, A Zubedi, FA Mangi (July 2018). Map services based on multiple mix-zones with location privacy protection over road network Wireless Personal Communications 97 (2), 2617-2632	Wireless Personal Communication	Thomson Reuters + Impact Factor I.F (1.061)	X
10	Dr. Qasim Ali Professor	FA Mangi, S Xiao, QA Arain , I Memon, GF Kakepoto (March 2018). Asymmetric Fission transmission of linear-to-circular polarization converter using bi-layer split ring structure Wireless Personal Communications 99 (2), 985-997	Wireless Personal Communication	Thomson Reuters + Impact Factor I.F (1.061)	X
11	Dr. Qasim Ali Professor	J Jiao, W Li, Z Deng, QA Arain (July 2018). A structural similarity-inspired performance assessment model for multisensor image registration algorithms International Journal of Advanced Robotic Systems 14 (4), 1729881417717059	International Journal of Advanced Robotic Systems	Thomson Reuters + Impact Factor I.F (1.482)	X
12	Dr. Qasim Ali Professor	MS Khan, H Zhang, X Wang, R Ullah, I Ahmad, S Shahzad, QA Arain (December 2018). A Novel Two-Stage Broadband Doherty Power Amplifier for Wireless Applications.IEEE Microwave and Wireless Components Letters 28 (1), 40-42	IEEE Microwave and Wireless Components Letters	Thomson Reuters + Impact Factor I.F (2.31)	W
13	Dr. Qasim Ali Professor	S Arain, MN Shaikh, A Waqas, Q Ali , BS Chowdhry, C Themistos (July 2018) Comparative Study and Packet Error Rate Analysis of Advance Modulation Schemes for Optical Wireless Communication Networks Wireless Personal Communications 95 (2), 593-606	Wireless Personal Communication	Thomson Reuters + Impact Factor I.F (1.061)	X

14	Dr. Qasim Ali Professor	MS Khan, H Zhang, F Zhang, S Shahzad, R Ullah, S Ali, QA Arain , (April 2018). X-band power amplifier for next generation networks based on mesfet ... China Communications 14 (4), 11-19	China Communications	Thomson Reuters + Impact Factor I.F (2.024)	W
15	Dr. Qasim Ali Professor	J Jiao, Z Deng, QA Arain , F Li, Smart Fusion of Multi-sensor Ubiquitous Signals of Mobile Device for Localization in GNSS-Denied Scenarios Wireless Personal Communications, 1-17	Wireless Personal Communication	Thomson Reuters + Impact Factor I.F (1.061)	X
16	Dr. Qasim Ali Professor	Q. A. Arain et al., "Privacy protection with dynamic pseudonym-based multiple mix-zones over road networks," in China Communications, vol. 14, no. 4, pp. 89-100, April 2017, doi: 10.1109/CC.2017.7927579.	China Communications	Thomson Reuters + Impact Factor I.F (2.024)	W
17	Dr. Qasim Ali Professor	Z Deng, E Hu, L Yin, W Liu, L Yang, QA Arain (November 2018). An Unambiguous Tracking Technique for Sine-BOC (kn, n) Modulated GNSS Signals Wireless Personal Communications, 1-12	Wireless Personal Communication	Thomson Reuters + Impact Factor I.F (1.061)	X
18	Dr. Qasim Ali Professor	Memon, I., Mirza, H.T., Arain, Q.A. et al.Multiple mix zones de-correlation trajectory privacy model for road network Telecommun Syst (2019) 70: 557. https://doi.org/10.1007/s11235-019-00551-1	Telecommunication Systems	Thomson Reuters + Impact Factor I.F (1.734)	W
19	Dr. Qasim Ali Professor	Memon, I., Memon, H. & Arain, Q.A. Pseudonym Changing Strategy with Mix Zones Based Authentication Protocol for Location Privacy in Road Networks. Wireless Pers Commun 116 , 3309–3329 (2021). https://doi.org/10.1007/s11277-020-07854-6	Wireless Personal Communication	Thomson Reuters + Impact Factor I.F (1.671)	X
20	Dr. Qasim Ali Professor	Eman Shahid & Qasim Ali Arain . Indoor positioning: “An image-based crowdsourcing machine learning approach”. Multimedia Tools and Application, DOI: 10.1007/s11042-021-10906-z (2021)	Multimedia Tools and Application	Thomson Reuters + Impact Factor I.F (2.757)	W
21	Dr. Qasim Ali Professor	Z. U. Kamangar, I. F. Siddiqui, Q. A. Arain , U. A. Kamangar and N. M. F. Qureshi, "Personality Characteristic-based Enhanced Software Testing Levels for Crowd Outsourcing Environment," KSII Transactions on Internet and Information Systems, vol. 15, no. 8, pp. 2974-2992, 2021. DOI: 10.3837/tiis.2021.08.015	KSII Transactions on Internet and Information Systems	Thomson Reuters + Impact Factor I.F (0.972)	X
22	Dr. Qasim Ali Professor	Umrah Zadi Khuhawar, Isma Farah Siddiqui, Qasim Ali Arain , Mokhi Maan Siddiqui, Nawab Muhammad Faseeh Qureshi, "On-Ground Distributed COVID-19 Variant Intelligent Data Analytics for a Regional Territory", Wireless Communications and Mobile Computing, vol. 2021, Article ID 1679835, 19 pages, 2021. https://doi.org/10.1155/2021/1679835	Wireless Communication and Mobile Computing	Thomson Reuters + Impact Factor I.F (2.336)	W
23	Dr. Qasim Ali Professor	Asma Zubedi, Zeng Jianqiu, Qasim Ali , Imran Memon, Erum Zubedi, "Impact of Energy Consumption, Economic Growth, and FDI through Environmental Kuznets Curve: Perspective from Belt and Road Initiative and Pakistan", Mathematical Problems in Engineering, vol. 2022, Article ID 3130605, 19 pages, 2022. https://doi.org/10.1155/2022/3130605	Mathematical Problems in Engineering	Thomson Reuters + Impact Factor I.F(1.305)	X
24	Dr Qasim Ali Professor	M. Shaikh, I. F. Siddiqui, Q. Arain , J. Koo, M. A. Unar et al., "Mdev model: a novel ensemble-based transfer learning approach for pneumonia classification using cxr images," Computer Systems Science and Engineering, vol. 46, no.1, pp. 287–302, 2023.	Computer Systems Science and Engineering	Thomson Reuters+ Impact Factor I.F(4.397)	X

25	Dr Qasim Ali Professor	Abbasi, Erum Yousef, Zhongliang Deng, Arif Hussain Magsi, Qasim Ali , Kamlesh Kumar, and Asma Zubedi. 2024. "Optimizing Skin Cancer Survival Prediction with Ensemble Techniques" <i>Bioengineering</i> 11, no. 1: 43. https://doi.org/10.3390/bioengineering11010043	Bioengineering	Thomson Reuters+ Impact Factor I.F(4.6)	W
26	Dr Qasim Ali Professor	A machine learning and deep learning-based integrated multi-omics technique for leukemia prediction Erum Yousef Abbasi Zhong liang Deng Qasim Ali Adil Khan Asadullah Shaikh Mana Saleh Al Reshan Adel Sulaiman Hani Alshahrani 31, 2024 DOI: https://doi.org/10.1016/j.heliyon.2024.e25369	Heliyon	Thomson Reuters+ Impact Factor I.F(4.0)	W
27	Dr Qasim Ali Professor	Anam Memon, Qasim Arain , Nasrullah Pirzada, Akram Shaikh, Adel Sulaiman, Mana Saleh Al Reshan, Hani Alshahrani, Asadullah Shaikh, Prior-free 3D human pose estimation in a video using limb-vectors, ICT Express,2024,	ICT Express	Thomson Reuters+ Impact Factor I.F(4.2)	W
28	Dr Qasim Ali Professor	Anam Memon, Ali Asghar Manjotho, Qasim Ali Arain , Adel Sulaiman, Nasrullah Pirzada, Mana Saleh Al Reshan, Mohammad Alsulami, Asadullah Shaikh, Lightweight CNN-based head pose estimation using heatmaps and anthropometric facial measures, ICTExpress,2025,ISSN4405-9595, https://doi.org/10.1016/j.ict.2025.06.006 .	ICT Express	Thomson Reuters+ Impact Factor I.F(4.2)	W

PUBLICATIONS WITHIN / OUTSIDE PAKISTAN:

S#	Name & Designation of Faculty Member(s) / Author(s)	Title of Research Paper	Within / Outside Pakistan	Complete Name and Address of the Journal	Category of Journal
1	Dr. Qasim Ali Professor	QA Arain , H Memon, I Memon, MH Memon, RA Shaikh, FA Mangi (2018). Intelligent travel information platform based on location base services to predict user travel behavior from user-generated GPS traces International Journal of Computers and Applications 39 (3), 155-168	Outside Pakistan	International Journal of Computers and Applications	Y
2	Dr. Qasim Ali Professor	A Zubedi, Z Jianqiu, QA Arain , I Memon, S Khan, MS Khan, Y Zhang (2018). Sustaining Low-Carbon Emission Development: An Energy Efficient Transportation Plan for CPEC. Journal of Information Processing Systems 14 (2)	Outside Pakistan	Journal of Information Processing Systems	Y
3	Dr. Qasim Ali Professor	I Memon, QA Arain , N Pirzada (April 2018). A novel technique for region-based features similarity for content-based image retrieval Mehran University Research Journal of Engineering and Technology 37 (2), 383-396	Within Pakistan	Mehran University Research Journal of Engineering and Technology Research Journal	Y
4	Dr. Qasim Ali Professor	MH Memon, I Memon, JP Li, QA Arain (May 2018). IMRBS: image matching for location determination through a region-based similarity	Outside Pakistan	International Journal of Computers and Applications	Y

		technique for CBIR, International Journal of Computers and Applications, 1-14			
5	Dr. Qasim Ali Professor	Sana, Siddiqui, I. F. & Arain, Q. A. (2019). Analyzing Students' Academic Performance through Educational Data Mining. 3C Tecnología. Glosas de innovación aplicadas a la pyme. Special Issue, May 2019, pp. 402–421. doi: http://dx.doi.org/10.17993/3ctecno.2019.specialissue2.402-421	Outside Pakistan	3C Tecnología 2254-4143 (Online)	ESCI
6	Dr. Qasim Ali Professor	Shahzad Nizamani, N DHANANI, Qasim Ali , MA NIZAMANI (2017). SMS Based M-Learning System for the Underprivileged Children in Developing Nations March 2018 DOI: 10.26692/Surj/2018.01.0022	Within Pakistan	Sindh University Research journal	Y
7	Dr. Qasim Ali Professor	Sunbul Khowaja , Qasim Ali Arain et al ,Crowdsourced Machine Learning Based Recommender for Software Design Patterns ,Vol 36 No 1 (2020)(48):34-52	Outside Pakistan	International Journal of Computer (IJC)	-
8	Dr. Qasim Ali Professor	QA Arain , RA Shaikh, H Memon. User Privacy Protection Based On Road Network Model for Location Based Services, Journal of Information & Communication Technology, Vol. 10 Issue. 2, December 2016	Pakistan https://jict.ilmauniversity.edu.pk/archives	JICT	Y
9	Dr. Qasim Ali Professor	FA Mangi, DA Jamro, I Memon, GF Kakepoto, QA Arain (2016). LOW LOSS TRANSMISSION THREE-LAYER CIRCULAR POLARIZER BASED ON CROSS-METALLIC STRIPS, Journal of Information & Communication Technology Vol. 10, No. 1, (Spring 2016) 93-104	Pakistan https://jict.ilmauniversity.edu.pk/archives	JICT	Y
10	Dr. Qasim Ali Professor	H Memon, I Memon, QA Arain , FA Mangi (October 2016) IMPROVEMENT OF A DYNAMIC ID BASED REMOTE USER PASSWORD AUTHENTICATION KEY AGREEMENT SCHEME WITH VERIFIABLE PASSWORD UPDATE FOR WIRELESS COMMUNICATION, Journal of Information & Communication Technology ,Vol. 10, No. 1, (Spring 2016) 65-81	Pakistan https://jict.ilmauniversity.edu.pk/archives	JICT	Y
11	Dr. Qasim Ali Professor	Riaz Ahmed Shaikh, Imran Memon, Qasim Ali Arain , Deedar Ali Jamro, Hina Memon, Localization System Based on User's Similar Trajectories Measurement over Road Network Model,Journal of Information & Communication Technology, Vol. 10 Issue. 2, December 2016	Pakistan https://jict.ilmauniversity.edu.pk/archives	JICT	Y
12	Dr. Qasim Ali Professor	Umair Ayaz Kamangar, Isma Farah Siddqui, Qasim Ali Arain , Zainab Umair Kamangar, An Ontology Based Model for Task Recommendation in Crowdsourced Software Engineering Environment, Journal of Hunan University Natural Sciences, Vol 48, No 11 (2021)	EI & Scopus	Journal of Hunan University Natural Sciences	X
13	Dr Qasim Ali Professor	Sidra Soomro , Qasim Arain , Erum Yousef Abbasi , Mehwish Shaikh Shabana Tanwari , Navigating DevOps Implementation Hurdles in the Pakistani Software Industry , Vol. 21 No. 2 (2023): Vol. 21 No. 2, Jul-Dec 2023, https://doi.org/10.52584/QRJ.2102.08	Pakistan	Quaid-e-Awam University Research Journal of Engineering Science and Technology	Y
14	Dr Qasim Ali Professor	Best Practices for Mitigating Supply Chain Risks in Industrial IoT	Book Chapter	Taylor & Francis Group	

		Lubna Luxmi Dhirani, Ali Akbar Shah, Qasim Arain , Bhawani Shankar Chowdhry, Abi Waqas, Tanweer Hussain, 2024 https://doi.org/10.1201/9781003376620 ,			
15	Dr Qasim Ali Professor	Murk Shaikh , Qasim Ali , Ali Akbar Shah Syed , Mehak Fatima , A Comparative Study of CNN for R-T Based Faulty Line Insulator Using Deep Learning , In book: NEW TRENDS IN SOFTWARE ENGINEERING. Editor: Prof. Dr. AYŞEGÜL ALAYBEYOĞLU SOY Chapter: Publisher: All Sciences Academy, 2024	Book Chapter	All sciences Academy	

CONFERENCE PRESENTATION OF RESEARCH PAPERS WITHIN / OUTSIDE PAKISTAN:

S#	Name & Designation of Faculty Member(s) / Author(s)	Title of Research Paper	Title of Conference	Venue and Host Country	Date of Conference
1	Dr. Qasim Ali Professor	Performance Prediction of Free Space Optical Link in Presence of the Rain using Bit Error Rate Parameter, QA Arain (February 2017) 4th International Conference on Energy, Environment and sustainable Development 2016	4th International Conference on Energy, Environment and sustainable Development 2016	MUET Jamshoro. Pakistan	2016
2	Dr. Qasim Ali Professor	M. H. Memon, J. Li, I. Memon, Q. A. Arain and M. H. Memon, "Region based localized matching image retrieval system using color-size features for image retrieval," 2017 14th International Computer Conference on Wavelet Active Media Technology and Information Processing (ICCWAMTIP), Chengdu, China, 2017, pp. 211-215, doi: 10.1109/ICCWAMTIP.2017.8301481.	14th International Computer Conference on Wavelet Active Media Technology and Information Processing (ICCWAMTIP), Chengdu, China, 2017	Chengdu , China	2017
3	Dr. Qasim Ali Professor	Personality Type Recommendation System using Crowdsourcing 2019 International Conference on computing, Mathematics and Engineering Technologies –iCoMET 2019	International Conference on computing, Mathematics and Engineering Technologies –iCoMET 2019	IBA Sukkur, Pakistan	2019
4	Dr. Qasim Ali Professor	To apply Data Mining for Classification of Crowd sourced Software Requirements 2019 8th International Conference on Software and Information Engineering (ICSIE 2019)	2019 8th International Conference on Software and Information Engineering (ICSIE 2019)	Cairo , Egypt	2019
5	Dr. Qasim Ali Professor	To enhance Effectiveness of Crowdsourced Software Testing by applying Personality Types 2019 8th International Conference on Software and Information Engineering (ICSIE 2019)	2019 8th International Conference on Software and Information Engineering (ICSIE 2019)	Cairo , Egypt	2019
6	Dr. Qasim Ali Professor	Images Based Indoor Positioning Using AI and Crowd sourcing 2019 8th International Conference on Educational and Information Technology (ICEIT 2019) Cambridge, UK / March 2-4, 2019	International Conference on Educational and Information Technology (ICEIT 2019) Cambridge, UK	Cambridge , UK	2019
7	Dr. Qasim Ali Professor	A Comprehensive Ontology for Human Resource Management in the context of Software Industry, KSII The 14th Asia Pacific International Conference on Information Science and Technology (APIC-IST) 2019. Copyright © 2019 KSII	14th Asia Pacific International Conference on Information Science and Technology (APIC-IST) 2019. Beijing , China	Beijing , China	2019

8	Dr. Qasim Ali Professor	Semantic Web based Healthcare Data Management, KSII The 14th Asia Pacific International Conference on Information Science and Technology (APIC-IST) 2019. Copyright © 2019 KSII	14th Asia Pacific International Conference on Information Science and Technology (APIC-IST) 2019. Beijing , China	Beijing , China	2019
9	Dr. Qasim Ali Professor	NLP BASED SERVICE RECOMMENDATION SYSTEM KSII The 11th International Conference on Internet (ICONI) 2019. Copyright © 2019 KSII	The 11th International Conference on Internet At: Hanoi, Vietnam 2019	Hanoi,Vietnam	2019
10	Dr. Qasim Ali Professor	Comparative analysis of Mobile Application Testing and Crowd Source Software Testing,2019 8th International Conference on Information and Communication Technologies (ICICT)	2019 8th International Conference on Information and Communication Technologies (ICICT)	IBA Karachi, Pakistan	2019
11	Dr. Qasim Ali Professor	Concepts, Analysis, Issues of smartphone and Smart devices: A survey,2020 3rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET)	2020 3rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET)	IBA Sukkur, Pakistan	2020
12	Dr. Qasim Ali Professor	Predicting Students' Academic Performance Through Supervised Machine Learning,2nd International Conference on Information Science and Communication Technology ICISCT20 At: Pakistan	2nd International Conference on Information Science and Communication Technology ICISCT20 At: Pakistan	University of Karachi, Pakistan	2020
13	Dr. Qasim Ali Professor	H. Ansari et al., "Customizable algorithm for university timetabling and scheduling," 2019 8th International Conference on Information and Communication Technologies (ICICT), Karachi, Pakistan, 2019, pp. 113-117, doi: 10.1109/ICICT47744.2019.9001953	2019 8th International Conference on Information and Communication Technologies (ICICT), Karachi, Pakistan, 2019, pp. 113-117,	IBA Karachi, Pakistan	2020
14	Dr. Qasim Ali Professor	Security Guard: An Automated Secure Coding Framework,3rd International Conference on Intelligent Technologies and Applications (INTAP 2020) At: GJØVIK, NORWAY	3rd International Conference on Intelligent Technologies and Applications (INTAP 2020)At: GJØVIK, NORWAY	Gjovik, Norway	2020
15	Dr. Qasim Ali Professor	To Improve Software Testing in Crowd-based Outsourcing Environment by Relating Levels of Testing with Personality Characteristics, The 12th International Conference on Internet (ICONI 2020) At: Jeju. South Korea	The 12th International Conference on Internet (ICONI 2020) At: Jeju. South Korea	JeJu , South Korea	2020
16	Dr. Qasim Ali Professor	Real-time Vehicle Tracking Management System using GPS & GPRS,he 12th International Conference on Internet (ICONI 2020)At: Jeju, South Korea	The 12th International Conference on Internet (ICONI 2020) At: Jeju. South Korea	JeJu , South Korea	2020
17	Dr. Qasim Ali Professor	Comparative Study of Database Tools for Android Application: A Bird's Eye View,The 12th International Conference on Internet (ICONI 2020)At: Jeju, South Korea	The 12th International Conference on Internet (ICONI 2020) At: Jeju. South Korea	JeJu , South Korea	2020
18	Dr. Qasim Ali Professor	Prediction Modeling For Vision Screening Of Heavy Transport Vehicle (HTV) Drivers,The 12th International Conference on Internet (ICONI 2020)At: Jeju, South Korea	The 12th International Conference on Internet (ICONI 2020) At: Jeju. South Korea	JeJu , South Korea	2020
19	Dr. Qasim Ali Professor	Comparative Analysis for Predicting NFR using Supervised Machine Learning, The First International Conference on Artificial Intelligence & Data Analytics (CAIDA 2021) Prince Sultan University, Riyadh, Saudi Arabia (6 – 7 April, 2021)	The First International Conference on Artificial Intelligence & Data Analytics (CAIDA 2021) Prince Sultan University, Riyadh, Saudi Arabia (6 – 7 April, 2021)	Saudi Arabia	2021
20	Dr. Qasim Ali Professor	A. Khan, M. Shaikh, Q. Mahmood, Q. A. Arain and A. Zubair, "Security Threats Faced by Spatial Crowdsourcing systems: Challenges and Opportunities," 2021 6th International Multi-	6th International Multi-Topic ICT Conference (IMTIC), 2021	Pakistan	2021

		Topic ICT Conference (IMTIC), 2021, pp. 1-8, doi: 10.1109/IMTIC53841.2021.9719855.			
21	Dr. Qasim Ali Professor	M. Shaikh, Q. A. Arain and S. Saddar, "Paradigm Shift of Machine Learning to Deep Learning in Side Channel Attacks - A Survey," 2021 6th International Multi-Topic ICT Conference (IMTIC), 2021, pp. 1-6, doi: 10.1109/IMTIC53841.2021.9719689.	6th International Multi-Topic ICT Conference (IMTIC), 2021	Pakistan	2021
22	Dr. Qasim Ali Professor	Hina hussain,Kamran khan,Qasim Ali,Isma Farah, " Comparative study of Android Native and Flutter App development "KSII The 13th International Conference on Internet (ICONI) 2021At: Jeju, South Korea , December 2021	The 13th International Conference on Internet (ICONI) 2021	South Korea	2021
23	Dr. Qasim Ali Professor	M. Shaikh, P. H. Ali Qureshi, M. Shaikh, Q. A. Arain, A. Zubedi and P. Shaikh, "Security Paradigms In SDLC Requirement Phase — A Comparative Analysis Approach," 2021 International Conference on Engineering and Emerging Technologies (ICEET), 2021, pp. 1-6, doi: 10.1109/ICEET53442.2021.9659614.	International Conference on Engineering and Emerging Technologies (ICEET), 2021	Pakistan	2021
24	Dr. Qasim Ali Professor	Hina Hussain,Isma Farah, Qasim Ali, " A formal practical overview of Android Permission Systems " , 16th Asia Pacific International Conference on Information Science and Technology (APIC-IST 2021)At: Busan, South Korea , July 2021	16th Asia Pacific International Conference on Information Science and Technology (APIC-IST 2021)	South Korea	2021
25	Dr. Qasim Ali Professor	F. Sultana, Q. A. Arain, P. Soothar, I. A. Jokhio and A. Zubedi, "A Spoofing Proof Stateless Session Architecture," 2022 2nd International Conference of Smart Systems and Emerging Technologies (SMARTTECH), 2022, pp. 80-84, doi: 10.1109/SMARTTECH54121.2022.00030.	2nd International Conference of Smart Systems and Emerging Technologies (SMARTTECH), 2022, Riyadh, Saudi Arabia.	Saudi Arabia	2022
26	Dr Qasim Ali Professor	M. Shaikh, Q. A. Arain, I. F. Siddiqui and H. A. Shaikh, "Automated Classification of Pneumonia from Chest X-Ray Images using Deep Transfer Learning EfficientNet-B0 Model," 2022 14th International Conference on Mathematics, Actuarial Science, Computer Science and Statistics (MACS), Karachi, Pakistan, 2022, pp. 1-6, doi: 10.1109/MACS56771.2022.10022700.	2022 14th International Conference on Mathematics, Actuarial Science, Computer Science and Statistics (MACS)	Karachi	2023

EDUCATIONAL BACKGROUND

S#	Name & Designation of Faculty Member(s)	Name of University	Degree Title	Degree Duration	Venue and Country
1	Dr Qasim Ali, Professor	Beijing University of Posts and Telecommunication Beijing China	PhD Information & Network Security	2014-2018	Beijing, China
2	Dr Qasim Ali, Professor	Mehran University of Engineering and Technology, Jamshoro	Master of Engineering IT	2006-2009	Jamshoro, Pakistan
3	Dr Qasim Ali, Professor	Mehran University of Engineering and Technology, Jamshoro	Bachelor of Engineering, Software	2001-2005	Jamshoro, Pakistan

MEMBER STATUORATORY BODY OF THE UNIVERSIRT

Convener/ Member	Board of Studies/ Board of Faculty/ Academic Council/ Industrial Advisory Board (IAB)/ Visiting Faculty/ collaborative projects etc.	University/ Organization	Tenure (from – to)
Member	Board of Studies	Department of Software Engineering Mehran UET Jamshoro	2019 till to date
Member	Board Of faculty	Mehran UET Jamshoro	2019 till to date
Member	Senate	Mehran UET Jamshoro	2022 till to date
Member	Academic Council	Mehran UET Jamshoro	2022 till to date

Member	Industrial Advisory Board	Department of Software Engineering Mehran UET Jamshoro	2021 till to date
Member	Advanced Studies and research Board ASRB	Mehran UET Jamshoro	2022 till to date
Member	Member Advisory MUET-IT Board Jamshoro	Mehran UET Jamshoro	April 2024 till to date
Member	Member Advisory Business Incubation Center MUET Jamshoro (BIC)	Mehran UET Jamshoro	April 2024 till to date
Member	Member Board of Studies of Mehran university institute of science and technology development	MUISTD, Mehran University of Engineering and technology Jamshoro	June 2024 till to date

WORK EXPERIENCE

S#	Name & Designation of Faculty Member(s)	Name of Organization/University	Designation	Duration of Job	Venue and Country
1	Dr Qasim Ali, Professor	Department of Software Engineering, Mehran University of Engineering and Technology Jamshoro	Professor Full	JAN 2021 to date	MUET, Pakistan
2	Dr Qasim Ali, Professor	Department of Software Engineering, Mehran University of Engineering and Technology, Jamshoro	Associate Professor	JULY 2019- JAN 2021	MUET, Pakistan
3	Dr Qasim Ali, Professor	Department of Software Engineering, Mehran University of Engineering and Technology, Jamshoro	Assistant Professor	DEC 2005- JULY 2019	MUET, Pakistan

CONFERENCE / WORKSHOPS / SEMINARS / SYMPOSIA ATTENDED WITHIN / OUTSIDE PAKISTAN:

S#	Name & Designation of Faculty Member(s)	Name of Event	Type of Event	Organizing Agency	Venue and Country	Date(s) of Event
1	Dr Qasim Ali , Professor	2019 8th International Conference on Software and Information Engineering(ICSIE) CAIRO	Conference , International	British University Cairo Egypt	Cairo , Egypt	9-12 April 2019
2	Dr Qasim Ali , Professor	8th International conference on Educational and Information Technology” University of Cambridge UK	Conference , International	Cambridge University, UK	Cambridge , UK	1-4 March 2019
3	Dr Qasim Ali , Professor	2nd International Conference on computing , Mathematics and Engineering Technologies (iCoMET 2019)	Conference , National	IBA University Sukkur	IBA University Sukkur	30-31 November 2018

CITATIONS / H-INDEX / I10-INDEX / I.F PUBLICATIONS / NON-IMPACT PUBLICATIONS AND COMMULATIVE IMPACT FACTOR:

S#	Google Scholar Citations	H-Index	I10-Index	Total I.F Publications	Non I.F Publications	Cumulative I.F
1	1270	20	33	28	15 journal + 26 Conferences = 32	50+

NATIONAL / INTERNATIONAL RESEARCH / COLLABORATIVE RESEARCH GRANTS / PROJECTS:

S#	Name & Designation of Faculty Member(s)	Name of Research / Collaborative Research Grant / Project	Name of Funding / Collaborating Agency	National / International	Total Amount of Grant / Project	Date of Start	Duration
1	Dr Qasim Ali Professor	HEC Project # 2358 User Privacy Protection for location based services over road network using Fog computing	Higher Education Commission Pakistan	National	340,000	March 2019	1 year
2	Dr Qasim Ali Professor	HEC Project No.2196,“Smart Grid Testbed Software in Green-Cloud Environment”	Higher Education Commission Pakistan	National	340,000	January 2019	1 year

PHD / ME / MS / UNDERGRADUATE STUDENTS SUPERVISION:

S#	Name & Designation of Faculty Member(s)	Students Status	PhD Students		ME / MS Students		Undergraduate Students		Total	
			M	F	M	F	M	F	M	F
1	Dr Qasim Ali Professor	In Progress	01	03	03	07	03 Groups		04	10
		Completed			04	12	04 Group		02	08
									06	18

COURSES TAUGHT WITHIN / OUTSIDE PAKISTAN:

S#	Course Name	Undergraduate	Post Graduate (Masters)
1	Information Security	Undergraduate Students	
2	Computers Networks & Management	Undergraduate Students	
3	Wireless and Satellite Communication	Undergraduate Students	
4	Software Design and Architecture	Undergraduate Students	
5	Software Requirement Engineering	Undergraduate Students	
6	Software Testing and Quality Assurance	Undergraduate Students	
7	Object Oriented Programming (Java)	Undergraduate Students	
8	Visual Programming	Undergraduate Students	
9	Data Structures and Algorithm analysis	Undergraduate Students	
10	Introduction to C++	Undergraduate Students	
11	CCNA	Cisco Academy Students	
12	CCNA Security	Cisco Academy Students	
13	Software Dependability and reliability		Post Graduate Students
14	Formal Methods in Software Engineering		Post Graduate Students
15	Natural Language Processing		Post Graduate Students
16	Advanced Software Requirement Engineering		Post Graduate Students
17	Design and Modeling Software Architecture		PhD Student as Elective
18	Computer Network & System Security		PhD Students as Elective

TRAININGS / COURSES RECEIVED WITHIN / OUTSIDE PAKISTAN:

S#	Name & Designation of Faculty Member(s)	Name of Training	Place of Training	Name of Sponsor	Date & Duration of Training
1	Dr Qasim Ali Professor	Cisco Local Academy Training by Cisco Regional Academy Islamabad	Islamabad	Cisco	July 2007
2	Dr Qasim Ali Professor	CCNA Security Training by Lebanese American University	Lebanon	Cisco Academy	2011
3	Dr Qasim Ali Professor	Ministry of IT and Telecom Cyber Security Training	CORVIT System Karachi	Ministry of IT and Telecom government of Pakistan	19 th September 2022-19 th January 2023 – 4 Months

AWARDS / MEDALS / DISTINCTIONS:

S#	Name & Designation of Faculty Member(s)	Name of Patents / Approved Varieties	Authority with Whom Registered / Approved	National / International	Date of Registration / Approval
1	Dr Qasim Ali Professor	China Scholarship Council Outstanding International Research Student Award	CSC , China Scholarship Council	International	July, 2018
2	Dr Qasim Ali Professor	Best PhD Graduate , Beijing University of Posts and Telecommunication Beijing China	Beijing University of Posts and telecommunication	International	July, 2018

MEMBERSHIPS / REGISTRATIONS:

S#	Name & Designation of Faculty Member	Name of Bodies / Councils / Committees / Organizations	National / International	Date and Duration of Membership
1	Dr Qasim Ali Professor	Pakistan Engineering Council COMP/3355	National	Life time
2	Dr Qasim Ali Professor	Senior Member (IEEE) 96547355	International	2023/ 2 years

COLLABORATIONS / INDUSTRIAL LINKAGES:

S#	Name of Department / Institution / Organization	Type of Linkage	International / National	Date of Start
1	Ghani Business Solution Hyderabad	Internship and Job related linkage	National	2020-2021

RESPONSIBILITIES OF FACULTY MEMBERS IN GOVERNMENT POLICY MAKING COMMITTEES / COUNCILS:

S#	Name & Designation of Faculty Member(s)	Name Policy Making Committee / Council	Responsibilities of Faculty Member	Date of Membership
1	Dr Qasim Ali (Focal Person National Incubation Center at MUET Jamshoro)	Punjab Information technology board/Ministry of IT and Telecommunication Government of Pakistan	Plan 9 NICs Project , expansion of Incubation centers at Public Sector Universities in Pakistan , To select Startup , train and manage at NIC MUET	January 2021
2	Dr Qasim Ali (Focal Person National Freelance Training Program Center at MUET Jamshoro)	Punjab Information technology board/Ministry of IT and Telecommunication Government of Pakistan	As a focal person National freelancing training Center at MUET to execute and manage different freelance Courses in collaboration with PITB Lahore in MUET Jamshoro	January 2021

HEC REGISTERED AND APPROVED SUPERVISOR:

S#	Name & Designation of Faculty Member(s)	Subject	Department	Discipline	City	Phone	Email
1	Dr Qasim Ali Professor	Engineering and Technology	Software Engineering	Software Engineering	Jamshoro	03223193400	Qasim.arain@faculty.muet.edu.pk

TRAVEL GRANT RECEIVED FROM HIGHER EDUCATION COMMISSION (HEC) AND / PAKISTAN SCIENCE FOUNDATION (PSF) / ANY OTHER AGENCY:

S#	Name & Designation of Faculty Member(s)	Purpose of Financial Support	Date of Approval	Amount of Financial Support	Funding Agency
1	Dr Qasim Ali, Professor	To present research Paper at University of Cambridge UK	January 2019	169000	Pakistan Science Foundation
2	Dr Qasim Ali, Professor	To Present Research paper at British University Cairo , Egypt	February 2019	216000	Higher Education Commission Pakistan
3	Dr Qasim Ali, Professor	To Present research paper at IBA Sukkur University	December 2018	17000	Mehran UET Jamshoro