



# Dr. Saqib Saeed

ASSOCIATE PROFESSOR

## Personal Data

Nationality | Pakistani

Date of Birth | 7 October 1980

Department | Computer Information Systems

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Office Phone No. | 00966-13-333-2011

## Language Proficiency

Language	Read	Write	Speak
Arabic			
English	X	X	X
Others			

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2012	PhD Information Systems	Siegen	University of Siegen, Germany
2003	M.Sc Software Technology	Stuttgart	Stuttgart University of Applied Sciences, Germany
2001	B.Sc (Hon's) Computer Science	Islamabad	International Islamic University, Islamabad, Pakistan
2010	Certified Software Quality Engineer		American Society for Quality, USA
2017	Business Process Analyst - Explorer Award for Educators 2016		IBM, USA

## PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

<b>PhD</b>	Technology Appropriation in Transnational Networks of Social Activists
<b>Master</b>	Java based Visualization and Query of XML Concept Nets

## Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Associate Professor	Department of Computer Information Systems	Imam Abdulrahman Bin Faisal University, Dammam KSA	KSA	December 2020-todate
Assistant Professor	Department of Computer Information Systems	Imam Abdulrahman Bin Faisal University, Dammam KSA	KSA	July 2014-December 2020



Assistant Professor	Department of Computer Science	Bahria University, Islamabad, Pakistan	Pakistan	April 2012-July 2014-July 2017
Research Associate	Department of Information Systems and New Media	University of Siegen, Germany	Germany	October 2007-March 2012
Lecturer	Department of Computer Science	Bahria University, Islamabad, Pakistan	Pakistan	July 2004-August 2007

### Scientific Achievements

#### Published Refereed Scientific Research

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	<b>Saeed, S.</b> , Ramayah, T. Bolivar, R.	Pandemic, Lockdown and Digital Transformation: Challenges and Opportunities for Public Administration, NGOs and Businesses	Springer Germany, 2022
2	<b>Saeed, S.</b> ; Ramayah, T. & Mahmood, Z.	User Centric E-Government: Challenges and Opportunities	Springer Germany 2017
3	<b>Saeed, S.</b> , Bamarouf, Y. A., Ramayah, T., & Iqbal, S. Z.	Design solutions for user-centric information systems. IGI Global.	IGI Global Press, USA 2017
4	<b>Saeed, S.</b> ; Bajwa, I. S. & Mahmood, Z.	Human Factors in Software Development and Design	IGI Global Press, USA 2014
5	<b>Saeed, S.</b>	User-Centric Technology Design for Nonprofit and Civic Engagements)	Springer Germany 2014
6	Khan, M.A.; <b>Saeed, S.</b> ; Darwish, A. & Abraham, A.	Embedded and Real Time System Development: A Software Engineering Perspective	Springer Germany 2013
7	<b>Saeed S.</b> & Alsmadi, I.	Knowledge based Processes in Software Development	IGI Global Press, USA 2013
8	Mahmood, Z. & <b>Saeed, S.</b>	Software Engineering Frameworks for the Cloud Computing Paradigm	Springer Germany 2013
9	<b>Saeed, S.</b> & Reddick, C. G.	Human-Centered System Design for Electronic Governance	IGI Global Press, USA 2013
10	<b>Saeed, S.</b> ; Khan, M.A. & Ahmad, R.	Business Strategies and Approaches for Effective Engineering Management	IGI Global Press, USA 2013
11	Sammar Saad AlGothami, S. S. & <b>Saeed, S.</b>	Digital Transformation and Usability: User acceptance of Tawakkalna Application during Covid-19	in Saeed, S., Ramayah, T. Bolivar, R. (ed.) "Pandemic, Lockdown and Digital Transformation: Challenges and Opportunities for Public Administration, NGOs and Businesses
12	Fatimah Al Obaidan, F. & <b>Saeed, S.</b>	Digital Transformation and Cybersecurity Challenges- A Study of Malware Detection Using Machine Learning Techniques	in Sandhu, K. (ed.) <i>Advancing Cybersecurity for Digital Transformation: Opportunities and Challenges</i> 203-226, DOI= 10.4018/978-1-7998-6975-7.ch011 ( <b>Scoups indexed</b> )



13	Amin, M. A., & Saeed, S.	Role of Usability in E-Learning System: An Empirical Study of OWASP WebGoat	in Saeed,S.; Bajwa, I. S. & Mahmood, Z.(eds.). Human Factors in Software Development and Design, 295-312 DOI= 10.4018/978-1-4666-6485-2.ch015 ( <b>SCOPUS indexed</b> )
14	Ayub, T., Nazeer, K., & Saeed, S.	Understanding Web Usability Issues: A Case Study of Pakistani Political Parties”	in Saeed, S. (ed.) User-Centric Technology Design for Nonprofit and Civic Engagements, 187-194 DOI=10.1007/978-3-319-05963-1_11
15	Saeed, S.; Iram, A.; Nazeer, K. & Ayub, T.	Understanding Requirement Engineering Practices: An Empirical Study of Pakistani Software Industry	in Saeed, S. & Alsmadi, I. (ed.) Knowledge based Processes in Software Development pp. 109-118 DOI= doi:10.4018/978-1-4666-4229-4.ch007 ( <b>SCOPUS indexed</b> )
16	Saeed, S.; Alsamdi, I. & Khawaja, F.M. (2013)	Lean Development: A Tool for Knowledge Management in Software Development Process	in Saeed, S.; Khan, M.A. & Ahmad, R. (ed.) Business Strategies and Approaches for Effective Engineering Management” pp. 142-150 DOI= 10.4018/978-1-4666-3658-3.ch009 (IGI Global Press, USA) ( <b>SCOPUS indexed</b> )
17	Saeed, S. & Rohde, M.	Technology Design for E-Governance in Nonprofit Organizations	in Saeed, S. & Reddick, C. G. (2013) Human-Centered System Design for Electronic Governance pp. 49-58 DOI=10.4018/978-1-4666-3640-8.ch004 (IGI Global Press, USA) ( <b>SCOPUS indexed</b> )
18	Alsmadi, I. & Saeed, S.	Toward Agile Interactive Software Development Process Models for Open Competition Projects	in Buragga, A.K.& Zaman, N. (2013) Software Development Techniques for Constructive Information Systems Design (IGI Global Press, USA) ( <b>SCOPUS indexed</b> )
19	Saeed, S.; Khawaja, F.M. & Mahmood, Z.	A Review of Software Quality Methodologies	in Alsmadi, I. (ed.) Advanced Automated Software Testing: Frameworks for Refined Practice, pp. 129-150 DOI=10.4018/978-1-4666-0089-8.ch007. (IGI Global Press, USA) ( <b>SCOPUS indexed</b> )
20	Saeed, S.; Ahmad, R.; Mahmood, Z. & Khan & M. A.	Technology Support for Knowledge Management Initiatives in Industrial Settings: Issues and Implications	In Khan, M. Ayoub & Ansari, A. Quaiyum (ed.) Handbook of Research on Industrial Informatics and Manufacturing Intelligence: Innovations and Solutions, pp. 211-226 DOI= 10.4018/978-1-4666-0294-6.ch009 (IGI Global Press, USA) ( <b>SCOPUS indexed</b> )



### Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1	Hanif, M.; Asharaf, H.; Jalil, Z.; Jhanji, N.Z.; Humayun, M.; <b>Saeed, S.</b> & Almuhaideb, A.M.	A Systematic Survey on Detection of Wormhole Attack in Wireless Sensor Networks	<i>Electronics</i> , 2022, 11, 2324 ( <b>Web of Science indexed</b> ) <b>IF=2.690</b>	2022
2	De Carvalho, A. F. P., <b>Saeed, S.</b> , Randall, Pipek, V., Rohde, M., Reuter, C., & Wulf, V.	Understanding Nomadic Practices of Social Activist Networks through the Lens of Infrastructuring: The Case of the European Social Forum	<i>Computer Supported Cooperative Work (CSCW): The Journal of Collaborative Computing and Work Practices</i> , ( <b>Web of Science indexed</b> ) <b>IF=2.80</b>	2022
3	Iqbal, Y.; Tahir, S.; Tahir, H.; Khan, F.; <b>Saeed, S.</b> ; Almuhaideb, A.M. and Syed, A.M.	A Novel Homomorphic Approach for Preserving Privacy of Patient's Data in Telemedicine	<i>Sensors</i> 22(12), 4432 ( <b>Web of Science indexed</b> ) <b>IF=3.576</b>	2022
4	Zulkifl, Z.; Khan, F.; Tahir, S.; Afzal, M.; Iqbal, W.; Rehman, A.; <b>Saeed, S.</b> and Almuhaideb, A.M.	FBASHI: Fuzzy and Blockchain-based Adaptive Security for Healthcare IoTs	<i>IEEE Access</i> , 10, pp. 15644-15656, ( <b>Web of Science indexed</b> ) <b>IF=3.367</b>	2022
5	Shahid, J.; Ahmad, R.; Kiani, A.K.; Ahmad, T.; <b>Saeed, S.</b> ; Almuhaideb, A.M.	Data Protection and Privacy of the Internet of Healthcare Things (IoHTs)	<i>Appl. Sci.</i> 12, 4, 1927, <b>Web of Science indexed</b> ) <b>IF=2.679</b>	2022
6	Gull, H.; <b>Saeed, S.</b> ; Iqbal, S.Z.; Bamarouf, Y.A.; Alqahtani, M.A.; Alabbad, D.A.; Saqib, M.; Al Qahtani, S.H.; Alamer, A.	An Empirical Study of Mobile Commerce and Customers Security Perception in Saudi Arabia	<i>Electronics</i> , 11(3), 293 ( <b>Web of Science indexed</b> ) <b>IF=2.397</b>	2022
7	Jan, F.; Min-Allah, N.; <b>Saeed, S.</b> ; Iqbal, S. Z.; Ahmed, R.	IoT-Based Solutions to Monitor Water Level, Leakage, and Motor Control for Smart Water Tanks	<i>Water</i> 14(3):309 ( <b>Web of Science indexed</b> ) <b>IF=3.103</b>	2022
8	Ali, S.; Hafeez, Y.; Bilal, M.; <b>Saeed, S.</b> and Kwak, K.S.	Towards Aspect Based Components Integration Framework for Cyber Physical System	<i>Computers, Materials &amp; Continua</i> 70(1) pp. 653-668 ( <b>Web of Science indexed</b> ) <b>IF=3.772</b>	2022
9	Iqbal S.Z., Gull H., <b>Saeed S.</b> , Saqib M., Alqahtani M., Bamarouf Y. A., Krishna G. and Aldossary M. I.	Relative Time Quantum-based Enhancements in Round Robin Scheduling	<i>Computer Systems Science and Engineering</i> 41(2) pp. 461-477 ( <b>Web of Science indexed</b> ) <b>IF=1.486</b>	2022
10	<b>Saeed, S.</b> , Saqib, M., Alabaad, D.A., Abdus Salam, A., Gull, H., and Iqbal, S.Z.	Student Engagement and Assessment during COVID-19: A Case Study from an Information Systems Undergraduate Program in Saudi Arabia	<i>Int. J. of Higher Education and Sustainability</i> 4(1) pp. 1-16	2022
11	<b>Saeed, S.</b> ; Almuhaideb, A.M.; Bamarouf, Y.A.; Alabaad, D.A.; Gull, H.;	Sustainable Program Assessment Practices: A Review of the ABET and	<i>Int. J. Environ. Res. Public Health</i> , 18, 12691 ( <b>Web of Science indexed</b> ) <b>IF=3.390</b>	2021



	Saqib, M.; Iqbal, S.Z.; Salam, A.A.	NCAAA Computer Information Systems Accreditation Process		
12	Saleem, H.; Riaz, F.; Mostarda L.; Niazi, M.; Rafiq, A.; <b>Saeed, S.</b>	Steering angle prediction techniques for Autonomous Ground Vehicles: A review"	<i>IEEE Access</i> vol. 9, pp. 78567-78585, doi: 10.1109/ACCESS.2021.3083890. <b>(Web of Science indexed) IF=3.745</b>	2021
13	Khadim, U.; Iqbal, M. M.; <b>Saeed, S.</b> ; Dar, S.H.; Ahmad, A., Ahmad, M.	Advanced Security and Privacy Technique for Digital Text in Smart Grid Communications	Computers and Electrical Engineering volume 93, 107205, <b>(Web of Science indexed) IF=3.818</b>	2021
14	Ali, A. M., Al Ghamdi, M. A., Iqbal, M. M., Khalid, S., Aldabbas, H., & <b>Saeed, S.</b>	Next-generation UWB antennas gadgets for human health care using SAR.	<i>EURASIP Journal on Wireless Communications and Networking</i> , 2021(1), 1-20. <b>(Web of Science indexed) IF=1.408</b>	2021
15	Almuhaideb, M. & <b>Saeed, S.</b>	A Process-Based Approach to ABET Accreditation: A Case Study of Cyber Security and Digital Forensics Program	Journal of Information Systems Education (JISE) <b>(SCOPUS indexed)</b>	2021
16	Almuhaideb, M. & <b>Saeed, S.</b>	Fostering Sustainable Quality Assurance Practices in Outcome Based Education: Lessons Learned from ABET Accreditation Process of Computing Programs	<i>Sustainability</i> 12(20) <b>(Web of Science indexed) IF=2.576</b>	2020
17	Ahmed, L., Iqbal, M.M., Aldabbas, H., Khalid, S., Saleem, Y. & <b>Saeed, S.</b>	Images data practices for Semantic Segmentation of Breast Cancer using Deep Neural Network	Journal of Ambient Intelligence and Humanized Computing <b>(Web of Science indexed) IF=4.594</b>	2020
18	Ali, S., Hafeez, Y., Asghar, S., Nawaz, A. & <b>Saeed, S.</b>	Aspect Based Requirements Mining Technique to Improve Prioritization Process: Multi Stakeholder Perspective	<i>IET Software</i> 14(5), pp.482-492 <b>(Web of Science indexed) IF=1.258</b>	2020
19	Jabbar, S., Naeem, H., Ullah, F., Naeem, M.R., Khalid, S., Vasan, D. & <b>Saeed, S.</b>	Malware Detection in Industrial Internet of Things based on Hybrid Image Visualization and Deep Learning Model	<i>Ad Hoc Networks</i> 105, article 102154, <b>(Web of Science indexed) IF=3.643</b>	2020
20	Latif, R. M. A., Belhaouari, S. B., <b>Saeed, S.</b> , Imran, L. B., Sadiq M. & Farhan, M.	Integration of Google Play Content and Frost Prediction Using CNN: Scalable IoT Framework for Big Data,"	<i>IEEE Access</i> , vol. 8, pp. 6890-6900, <b>(Web of Science indexed) IF=4.098</b>	2020
21	<b>Saeed, S.</b>	Role of web usability in online customer experience: A case of Saudi Arabia,	<i>Journal of Computer Science</i> 15(5), 728-735 <b>(SCOPUS indexed)</b>	2019
22	Saeed, S.	Website Usability Evaluation of Nonprofit Organizations: An Exploratory Study of Saudi Arabia,	<i>Journal of Computer Science</i> 5(3), 346-356 <b>(SCOPUS indexed)</b>	2019
23	Naeem, MR., Lin, T., Naeem, H., Ullah, F. & <b>Saeed, S.</b>	Scalable Mutation Testing Using Predictive Analysis of Deep Learning Model.	<i>IEEE Access</i> 7: 158264-158283 <b>(Web of Science indexed) IF=4.098</b>	2019
24	Saqib, M., Nasir, T., <b>Saeed, S.</b> , Iqbal, S.Z., Gull, H.	Web 2.0 usage among students for academic activities: A study	<i>International Journal of Applied Engineering Research</i> 14(8), 1892-1897 <b>(SCOPUS indexed)</b>	2019



		of computing undergraduate students in Pakistan		
25	Saeed, S., Pipek, V., Rohde, M., Reuter, C., De Carvalho, A. F. P., & Wulf, V.	Nomadic Knowledge Sharing Practices and Challenges: Findings From a Long-Term Case Study.	IEEE Access, 7, 63564-63577 ( <b>Web of Science indexed</b> ) <b>IF=3.557</b>	2019
26	Shafi,A.; Saeed,S.; Bamarouf,Y.A.; Iqbal,S.Z.; Min-Allah,N. & Alqahtani, M.A.	Student Outcomes Assessment Methodology for ABET Accreditation: A Case Study of Computer Science and Computer Information Systems Programs	IEEE Access, 7, 13653-13667. ( <b>Web of Science indexed</b> ) <b>IF=3.557</b>	2019
27	Saeed, S.	Digital Business Adoption and Customer Segmentation: An Exploratory Study of Expatriate Community in Saudi Arabia	ICIC Express Letter 13(2), 133-140 ( <b>SCOPUS indexed</b> )	2019
28	Talal, H. & Saeed, S.	A Study on Adoption of Data Mining Techniques to Analyze Academic Performance	ICIC Express Letter part B: Applications 10(8), 681-688 ( <b>SCOPUS indexed</b> )	2019
29	Al-Taleb. N. & Saeed, S.	A Study on Application of Data Mining Techniques in Crime Forecasting	ICIC Express Letter part B: Applications 10(8) 657-664( <b>SCOPUS indexed</b> )	2019
30	Gull, H., Iqbal, S. Z., Saeed, S., Alqatani, M. A., & Bamarouf, Y.	Design and Evaluation of CPU Scheduling Algorithms Based on Relative Time Quantum: Variations of Round Robin Algorithm.	Journal of Computational and Theoretical Nanoscience, 15(8), 2483-2488. ( <b>SCOPUS indexed</b> )	2018
31	Saeed, S., Saqib, M., & Salam, A. A.	Embedding Information Systems Environment Modules in Information System Curriculum	VFAST Transactions on Education and Social Sciences, 15(1), 1-6.	2018
32	Saeed, S., Gull, H., & Iqbal, S. Z.	Web 2.0 Usage by Saudi Female Students for Information Sharing in Public Sector University a Pilot Study.	International Journal of Public Administration in the Digital Age (IJPADA), 4(3), 79-90( <b>Web of Science indexed</b> )	2017
33	Irum, A. & Saeed, S	A Case Study of Improving User Experience of Bug Tracking Applications	Science International, 27(2), pp. 1143-1146.	2015
34	Hanif, A.; Khan, I.M. and Saeed, S.	A survey on verification approaches of nonfunctional requirements in web based applications	Int. J. Business Information Systems,	2015
35	Aziz, T., Saeed, S. & Alsmadi, I.	Supporting Agile Methodologies in practice: A Study of Pakistani Software Industry	Sindh University Research Journal	2015
36	Saeed, S. & Shabbir, S.	Website Usability Analysis of Non Profit Organizations: A Case Study of Pakistan	International Journal of Public Administration in the Digital Age 1(4), pp.70-83( <b>Web of Science indexed</b> )	2014
37	Irum, A. & Saeed, S.	Exploring Usability Issues in Bug Tracking Applications: An Empirical Study of Pakistani Software Industry	Sind University Research Journal Vol.46 (3) 267-272.	2014





38	Khan, U. Z., Wahab, F., & <b>Saeed, S.</b>	Integration of Scrum with Win-Win Requirements Negotiation Model	Middle-East Journal of Scientific Research,19(1), pp. 101-104	2014
39	<b>Saeed, S.</b> ; Malik, I.A. & Wahab, F.	Usability Evaluation of Pakistani Security Agencies Websites	International Journal of E-Politics 4(3,) pp 57-69 ( <b>Web of Science indexed</b> )	2013
40	Naseer, M., Rehman, H., & <b>Saeed, S.</b>	A Survey on CASE Tools Adoption for Requirement Management in Pakistani Software Industry	World Applied Sciences Journal, 23(1), pp. 94-98	2013
41	Abdelsalam, H.; Gamal, S. Reddick, C.G. & <b>Saeed, S.</b>	Use and Perception of Web 2.0 for Research Collaborations: A Case Study of Egyptian Public Universities	International Journal of Services Technology and Management 19(1/2/3) ,pp. 99-119( <b>Web of Science indexed</b> )	2013
42	Mumtaz,H.; <b>Saeed, S.</b> & Wahab, F	Quality of University Computing Education: Perception of Pakistani Students	Research Journal of Recent Science 2(7), 24-30	2013
43	Abbasi, M. B.; Aziz, U.; <b>Saeed, S.</b> & Khan, S. A	An Empirical Study of E-Government Barriers in Pakistan	Life Sci J 2013;10(6s):813-816	2013
44	<b>Saeed, S.</b> , & Amjad, A.	Understanding Usability Issues of Pakistani University Websites	Life Sci J 2013;10(6s):479-482	2013
45	<b>Saeed, S.</b> ; Wahab, F.; Cheema, SA & Ashraf, S.	Role of Usability in E-Government and ECommerce Portals: An Empirical Study of Pakistan	Life Sci J 2013;10(1s):484-489	2013
46	Alsmadi, I. & <b>Saeed, S.</b>	A Software Development Process for Open Source and Open Competition Projects	International Journal of Business Information Systems Volume 12 (1), 110-122	2013
47	Faraz, S.H.; Tanvir, S.H. & <b>Saeed, S.</b>	A Study on Privacy and Security Aspects of Facebook	International Journal of Technology Diffusion Volume 3(4), 48-55	2012
48	<b>Saeed, S.</b> ; Jamshaid. I. & Sikander, S.	Usability Evaluation of Hospital Websites in Pakistan	International Journal of Technology Diffusion Volume 3(4), 29-35	2012
49	<b>Saeed, S.</b> ; Rohde, M. & Wulf, V.	IT for Social Activists: A Study of World Social Forum 2006 Organizing Process	International Journal of Asian Business and Information Management Volume 3(2), 62-73( <b>Web of Science indexed</b> )	2012
50	<b>Saeed, S.</b> ; Rohde, M. & Wulf, V.	Civil Society Organizations in Knowledge Society: A Roadmap for ICT Support in Pakistani NGOs	International Journal of Asian Business and Information Management Volume 3(2) 23-35( <b>Web of Science indexed</b> )	2012
51	<b>Saeed, S.</b> ; Rohde, M. & Wulf, V.	Conducting ICT Research in Community Networks: Reflection from a long term case study of European Social Forum	Journal of Community Informatics Volume 7(3) (CCIRDT Canada)	2011
52	<b>Saeed, S.</b> ; Rohde, M. & Wulf, V.	Analyzing Political Activists' Organization Practices: Findings from a Long Term Case Study	International Journal of computer supported collaborative work, Volume 20(4-5) 265-304. ( <b>Web of Science indexed</b> ) <b>IF=0.487</b>	2011
53	<b>Saeed, S.</b> ; Aamir, R. & Safdar. S..	Designing for the Management of Indigenous Organizational Knowledge: A Case Study	Journal of Marketing and Operations Management Research, Volume 1(2), 157-169	2011



54	Javed, M.; Shafiq, Z.; <b>Saeed, S.</b> & Javed, A.	Utilizing Domain Ontologies for Semantically enriched Knowledge Management	International Journal of Recent Trends in Engineering and Technology, Volume 6(1) 7-10,	2011
55	<b>Saeed, S.;</b> Aamir, R. & Mahmood, Z.	Reflections on Teaching Database Management Systems to Undergraduate Students	International Journal of Educational Economics and Development, Volume 2(4), 398-411.	2011
56	<b>Saeed, S.;</b> Aamir, R. & Ramzan, M.	Plagiarism and its Implications on Higher Education in Developing Countries	International Journal of Teaching and Case Studies, Volume 3(2/3/4) 123-130,	2011
57	<b>Saeed, S.;</b> Rohde, M. & Wulf, V.	A Framework towards IT Appropriation in Voluntary Organizations	International Journal of Knowledge and Learning, Volume 4(5) 438-451	2008
58	<b>Saeed, S.</b> & Kunz, C.	A Framework for Mining Ontological Information Nets	Journal of Applied Sciences Volume 6(3) 595-597.	2006

### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Gull H., <b>Saeed S.</b> , Iqbal S.Z., Saqib M., Alamer A. M., Khalefa W. A .B.	COVID-19 Lockdown and Mental Well Being: A Study of Pakistan and Saudi Arabia	36th IBIMA Conference: 4-5 November 2020, Granada, Spain
2	Gull H., Saqib M., Iqbal S.Z., <b>Saeed S.</b>	Improving Learning Experience of Students by Early Prediction of Student Performance using Machine Learning	IEEE International Conference for innovation in technology, 6-8 Nov, 2020, Bangalore, India
3	<b>Saeed, S.</b> , Iqbal, S.Z., Gull, H. Bamarouf, Y.A., Alqahtani, M.A., Saqib, M. & Alghamdi, A.M.	Collaboration at Workplace: Technology Design Challenges of Segregated Work Environments	2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT), Coimbatore, India, 2019, pp. 1-5.
4	Al-Naji, F.H. & <b>Saeed, S.</b>	Using Technology Acceptance Model to Understand Factors Affecting Students' Usage and Acceptance of Blackboard System: A Case Study of Imam Abdulrahman Bin Faisal University Saudi Arabia	in Proceedings of First International Conference on Advances in Electrical and Computer Technologies 2019 (ICAECT 2019) Coimbatore, Tamil Nadu, India, 26 - 27, April 2019
5	Almansour, N. & <b>Saeed, S.</b>	IoT Based Healthcare Infrastructure: A Case Study of Saudi Arabia	in Proceedings of IEEE International Conference of Computer and Information Sciences Aljouf, Saudi Arabia, April 3-4, 2019 ( <b>SCOPUS indexed</b> )
6	Baqeel.,H. & <b>Saeed, S.</b>	Face detection authentication on Smartphones: End Users Usability Assessment Experiences	in Proceedings of IEEE International Conference of Computer and Information Sciences Aljouf, Saudi Arabia, April 3-4, 2019. ( <b>SCOPUS indexed</b> )
7	Gull, H., <b>Saeed, S.</b> , Iqbal, S. Z., Saqib, M., Bamarouf, Y. A., & Alqahtani, M. A.	Reflections on teaching human computer interaction course to undergraduate students	In 2018 International Conference on Computational Science and Computational Intelligence (CSCI) (pp. 659-662). IEEE.
8	de Carvalho, A. F. P., <b>Saeed, S.</b> , Reuter, C., and Wulf, V.	The Role of Technological Infrastructure in Nomadic Practices of a Social Activist Community.	Proceedings of the ECSCW 2017 Workshop on Nomadic Cultures Beyond Work Practices (IRSI), 14(3)) Sheffield, UK, 27th March 2017,
9	Siddiqui, R.K.; <b>Saeed, S.</b> & Wahab, F.	Understanding Role of Student Feedback in Quality Assessment: A Case Study	International Conference on Computational and Social Sciences, Mardan, Pakistan, 20 <sup>th</sup> – 21 <sup>st</sup> January 2014.





10	<b>Saeed, S.;</b> Rohde, M. & Wulf, V.	Communicating in a transnational network of social activists: The crucial importance of Mailing list usage	17 <sup>th</sup> International Conference on Collaboration and Technology Lecture Notes in Computer Science Volume 6969, Paraty, Rio de Janeiro, Brazil , 2 <sup>nd</sup> -7 <sup>th</sup> October 2011. (Springer Berlin, Heidelberg)
11	<b>Saeed, S.;</b> Rohde, M. & Wulf, V.	Towards Understanding IT Needs of Social Activists: The Case of the World Social Forum 2006 Organizing Process	Proceedings of the 3rd World Summit on Knowledge Society" (WSKS 2010) Communication in Computer and Information Sciences Volume 111, Corfu, Greece, 22-24 September 2010. (Springer Berlin, Heidelberg)
12	<b>Saeed, S.;</b> Rohde, M. & Wulf, V.	An Empirical Study of IT use in Pakistani Civil Society Organizations	Proceedings of the 3rd World Summit on Knowledge Society" (WSKS 2010) Communication in Computer and Information Sciences Volume 111, Corfu, Greece, 22-24 September 2010.
13	<b>Saeed, S. &amp; Rohde, M.</b>	Computer Enabled Social Movements? Usage of a Collaborative web platform within the European Social Forum	Proceedings of the 9th International Conference on the Design of Cooperative System (COOP 2010) Aix en Provence, France, 19-21 May 2010. (Springer London)
14	<b>Saeed, S.;</b> Pipek, V., Rohde, M. & Wulf, V.	Managing Nomadic Knowledge: A Case Study of the European Social Forum	Proceedings of the 28th Conference on Human Factors in Computing Systems (CHI 2010) Atlanta, GA, USA, 10-15 April 2010. (ACM New York)
15	<b>Saeed, S.;</b> Rohde, M. & Wulf, V.	Technologies within Transnational Social Activist Communities: An Ethnographic Study of the European Social Forum	Proceedings of the 4th International Conference on Communities and Technologies (C&T 2009), Pennsylvania, USA, 25-27 June 2009. (ACM New York)
16	<b>Saeed, S.;</b> Rohde, M. & Wulf, V.	Designing IT Systems for NGOs: Issues and Directions	Proceedings of the 1st World Summit on Knowledge Society" (WSKS 2008), Springer Communication in Computer and Information Sciences Volume 19, Athens, Greece, 24-27 September 2008. (Springer Berlin, Heidelberg)
17	<b>Saeed, S.;</b> Reichling, T. & Wulf, V.	Applying Knowledge Management to Support Networking among NGOs and Donors	Proceedings of IADIS International Conference on e-Society (e-society 2008) Algarve, Portugal 9-12 April 2008. (IADIS Press)
18	<b>Saeed, S.;</b> Rohde, M. & Wulf, V.	ICTs, An Alternative Sphere for Social Movements in Pakistan- A Research Framework	Proceedings of IADIS International Conference on e-Society (e-society 2008) Algarve, Portugal 9-12 April 2008. (IADIS Press)
19	Mahmood, Z. & <b>Saeed, S.</b>	Teaching Quality Assurance and Project Management to Undergraduate Computing Students in Pakistan	Proceedings of 4th International Conference on Business, Management and Economics (ICBME 2008) Cesme, Turkey 5-7 June 2008.
20	<b>Saeed, S.;</b> Mahmood, Z.; Ayub, M., T. & Raza, M.	Practice of Software Project Planning in IT Industry in Pakistan	Proceedings of 9th IBIMA International Conference on Information Management in the Modern Organization Marrakech, Morocco 4-6 January 2008. (IBIMA Press)
21	Mahmood, Z.; <b>Saeed, S.;</b> Raza, M. & Ayub, M., T.	Software Industry In Pakistan: An Investigation Into CMMI Practice of Project Planning, Monitoring and Control	Proceedings of 9th IBIMA International Conference on Information Management in



			the Modern Organization Marrakech, Morocco 4-6 January 2008.(IBIMA Press)
22	Safdar, S.; Ahmad, J.; Ahmed, S.; Asghar, M. T. & Saeed, S.	Agent based Model for providing Optimized, Synchronized and Failure free Execution of Workflow Process	Proceedings of 4th International Conference on New Exploratory Technology (NEXT 2007) Seoul, Korea 25-27 October 2007.
23	Khan, R. A.; Qureshi, A. & Saeed, S.	Vision Based Navigation for a Mobile Robot with Different Field of Views	Proceedings of Pak-US International Symposium on High Optical Networks & Enabling Technologies (HONET 2005) Islamabad, Pakistan 19-21 December 2005.
24	Saeed, S. & Kunz, C.	Loading Arbitrary Knowledge Bases in Matrix Browser	Proceedings of IEEE International Multi Topic Conference (INMIC 2004) Lahore, Pakistan 24-26 December 2004. (IEEE Press)

#### Membership of Scientific and Professional Societies and Organizations

- IAENG
- IACSIT
- IETI
- Universal Association of Computer and Electronics Engineers

#### Teaching Activities

##### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Software Project Management	SEN-410	3
2	Software Engineering	SEN-220	3
3	Human Computer Interaction	SEN-212	3
4	Professional Responsibility	CIS 413	2
5	Electronic Business Strategy	CIS 513	3
6	Information System Audit	CYS 404	3
7	IT Project Management	CIS 414	3
8	Information Systems Management	CIS 424	3
9	Software Quality Assurance	CIS 512	2+1
10	Project Proposal	CIS 511	2
11	Project Implementation	CIS 521	3
12	Principles of Management	MGMT 320	3
13	Fundamentals of Business	MGMT 410	3
14	Business Strategy	MGMT 513	3
15	Organizational Performance Management	MGMT 523	3



### Brief Description of Undergraduate Courses Taught:

1	CIS 413 Professional Responsibility course introduces the students to the legal, social, and ethical issues of information technology
2	CIS 513 Electronic Business Strategy course examines linkages of organizational strategy and electronic methods of delivering products and exchanges in inter-organizational, national, and global environments.
3	CYS 404 Information System Audit course aims at introducing students the audit process of information systems and conducting risk analysis of audit process.
4	CIS 512 Software Quality Assurance course introduces students with quality assurance processes in organizations as well as different testing methodologies.
5	CIS 511 Project Proposal course enables students to choose a project and define the objectives of the project under the supervision of a faculty member.
6	CIS 521 Project Implementation course offers students an opportunity to assemble their knowledge acquired throughout their BS curriculum to realize a final project

### Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Advanced Requirement Engineering	SEN-558	3
2	Human Aspects of Software Engineering	SEN-751	3
3	Software Testing and Quality Assurance	SEN-547	3
4	Advanced Usability Engineering	SEN-756	3
5	Research Methodology	ESC-701/MISDA 611	3
6	Research Methods in Computer Science	MSCS612	3

### Brief Description of Postgraduate Courses Taught:

1	MSCS 612 Research Methods in Computer Science introduces graduate students to the methodological approaches to conduct research.
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### Course Coordination

#	Course Title and Code	Coordination	Undergrad.	Postgrad.	From	To
1	CIS 413 Professional Responsibility	X			2015-16	2016-17
2	CIS 512 Software Quality Assurance	X	X		2015-16	2019-20
3	CIS 513 Electronic Business Strategy	X	X		2015-16	2018-19
4	CYS 404 Information Systems Audit	X			2015-16	2015-16
5	CIS 511 Project Proposal	X	X		2015-16	2020-21
6	CIS 521 Project Implementation	X			2015-16	2020-21
7	MSCS 612 Research Methods in Computer Science	X		X	2018-19	2020-21
8	MISDA 611 Research Methodology	X		X	2022-23	2022-23



## Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Digital Business Transformation
2	User Centered Computing
3	Cybersecurity
4	Information Systems Management
5	Software Engineering

### Last Update

17/10/2022