Dr. Asadullah Shaikh
Associate Professor (Software Engineering)
B.Sc(UK), M.Sc(Sweden), and PhD(Denmark). Member of IET, England

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PERSONAL STATEMENT:

I want to contribute to science by producing high-quality research students through teaching and supervision. My aim is to conduct high-quality research and publish papers in top-class conferences and impact factor journals. I am also interested to create innovative software verification, validation techniques, and blockchain technologies. I have 10 years of teaching and research experience in the field of software engineering and management. My research interests include but are not limited to Software Engineering, Health Informatics, Artificial Intelligence using Machine Learning, Cloud Computing, E-Learning, and Mobile Technologies.

EDUCATION AND QUALIFICATION :

2008–2013 **Doctorate, Ph.D (Software Engineering)**, *The University of Southern Denmark*, Denmark.
2005–2007 **Graduate, M.Sc Software Engineering and Management)**, *Göteborg University*, Sweden.
2000–2005 **Undergraduate, B.Sc (Software Development)**, *The University of Huddersfield*, England.

WORK EXPERIENCES :

Sep.2018– to.date
Associate Professor (Computer Science and Information Systems) and Head of Research, *Najran University, Najran, Saudi Arabia*.

Aug.2013–Sep2018
Assistant Professor (Computer Science and Information Systems) and Head of Research, *Najran University, Najran, Saudi Arabia*.

Aug.2011–Jun.2013
Assistant Professor (Computer Science and Information Technology), *Institute of Business and Technology (IBT) Korangi Creek, Karachi, Pakistan*.

Sep.2010–Jun.2011
Research Assistant/PhD Scholar, *Maersk Mc-Kinney Moller Institute, University of Southern Denmark*.

Apr.2008–Dec.2009
Research Assistant/PhD Scholar, *Software Engineering Group GRES-UOC Rambla del Poblenou 156, Barcelona, Spain*.

Feb.2006–Mar.2008
Information Technology Manager (Part Time), *Lai Thai Artillerigatan 8, 41503 Göteborg, Sweden*.

Non-Academic Experience
Sep.2013–Present
Head of Software Engineering Knowledge group for ABET and NCAAA Accreditation,
College of Computer Science and Infromation Systems, Najran University, Najran, Saudi Arabia.

TAUGHT COURSES:

1. 351CIS-3 Information System Project Management| First Semester 2021/2021) | Theory (Male) | 3 Credits

2. 342CIS-3 Information System Engineering| First Semester 2021/2021 | Theory (Male) | 3 Credits
3. 345MATH-3 Operational Research| Summer Semester 2020/2021) | Theory (Male) | 3 Credits
4. 328CSS-3 Human Computer Interaction| Summer Semester 2020/2021) | Theory (Male) | 3 Credits
5. 505CS-4 Secure Software Development| Second Semester 2020/2021) | Theory (Male) | 4 Credits
6. 351CIS-3 Information System Project Management| Second Semester 2020/2021) | Theory (Male) | 3 Credits

7. 345MATH-3 Operational Research | Second Semester 2020/2021) | Theory (Male) | 3 Credits
8. 505CS-4 Secure Software Development| First Semester 2020/2021) | Theory (Male) | 4 Credits
9. 440CSS-3 Social, Ethical and Professional Issues| First Semester 2020/2021) | Theory (Male) | 3 Credits
10. 345MATH-3 Operational Research | First Semester 2020/2021) | Theory (Male) | 3 Credits
11. 440CSS-3 Social, Ethical and Professional Issues| Summer Semester 2019/2020) | Theory (Female) | 3 Credits

12. 470CIS-3 Geographic Information Systems| Summer Semester 2019/2020) | Theory (Male) | 3 Credits
13. 351CIS-3 Information System Project Management| Second Semester 2018/2019) | Theory (Male) | 3 Credits

14. 241CIS-2 Fundamentals of Information Systems| Second Semester 2018/2019) | Theory (Male) | 2 Credits

15. 505CS-4 Secure Software Development| Second Semester 2018/2019) | Theory (Male) | 4 Credits
16. 342CIS-3 Information System Engineering| First Semester 2018/2019) | Theory (Male) | 3 Credits
17. 345MATH-3 Operational Research | First Semester 2018/2019) | Theory (Male) | 3 Credits
18. 345MATH-3 Operational Research | Second Semester 2017/2018) | Theory (Male) | 3 Credits
19. 351CIS-3 Information System Project Management| Second Semester 2017/2018) | Theory (Male) | 3 Credits

20. 345MATH-3 Operational Research | First Semester 2017/2018) | Theory (Male) | 3 Credits
21. 351CIS-3 Information System Project Management| First Semester 2017/2018) | Theory (Male) | 3 Credits

22. 345MATH-3 Operational Research | Second Semester 2016/2017) | Theory (Male) | 3 Credits
23. 345MATH-3 Operational Research | Second Semester 2016/2017) | Theory (Female)| 3 Credits
24. 342CIS-3 Information System Engineering| (First Semester 2016/2017) | Theory/Lab | 3 Credits
25. 345MATH-3 Operational Research | First Semester 2016/2017) | Theory | 3 Credits
26. 235CSS-3 Theory of Computation| (Summer Semester 2015/2016) | Theory/Lab | 3 Credits
27. 345MATH-3 Operational Research | (Summer Semester 2015/2016) | Theory | 3 Credits
28. 342CIS-3 Information System Engineering| (Second Semester 2015/2016) | Theory/Lab | 3 Credits
29. 342CSS-3 Software Engineering| (Second Semester 2015/2016) | Theory/Lab | 3 Credits
30. 342CIS-3 Information System Engineering| (First Semester 2015/2016) | Theory/Lab | 3 Credits
31. 342CSS-3 Software Engineering| (First Semester 2015/2016) | Theory/Lab | 3 Credits
32. 342CIS-3 Information System Engineering| (Second Semester 2014/2015) | Theory/Lab | 3 Credits
33. 342CSS-3 Software Engineering| (Second Semester 2014/2015) | Theory/Lab | 3 Credits
34. 226CSS-2 UNIX System Environment| (First Semester 2014/2015) | Theory/Lab | 2 Credits
35. 342CIS-3 Information System Engineering| (First Semester 2014/2015) | Theory/Lab | 3 Credits
36. 226CSS-2 UNIX System Environment| (Summer Semester 2013/2014) | Theory/Lab | 2 Credits
37. 324 CIS-3 Modern Application Development| (Summer Semester 2013/2014) | Theory/Lab | 3 Credits
38. 342CIS-3 Information System Engineering| (Second Semester 2013/2014) | Theory | 3 Credits
39. 342CIS-3 Information System Engineering| (First Semester 2013/2014) | Theory/Lab | 3 Credits
40. 342CSS-3 Software Engineering| (First Semester 2013/2014) | Theory/Lab | 3 Credits

PROFESSIONAL TRAININGS:

Nov 2011 Training Award on Self Assessment Report (SAR), Karachi, Pakistan
Jan 2011 NetBeans' Training Award, Odense, Denmark
Nov 2009 Effective Oral Presentations, Barcelona, Spain
May 2009 Effective Written Documents, Barcelona, Spain

EDITED BOOKS:

Book Title **Introduction to Computer System and application**
Five chapters, published by International Islamic University (IIUM) Kuala Lumpur,
Malaysia
Book Title **C++ Programming Step-by-Step**
Five chapters, published by International Islamic University (IIUM) Kuala Lumpur,
Malaysia
Book Title **Understanding Basic Concept of Electrical and Electronic System**
Five chapters, published by International Islamic University (IIUM) Kuala Lumpur,
Malaysia
Book Title **Statistical Time Division Multiplexer Architectures and Design**
Five chapters, published by International Islamic University (IIUM) Kuala Lumpur,
Malaysia

PUBLICATIONS:

Since 2008: Total Count = 108; Published 105; Accepted: 3
Cumulative Impact Factor (CIF): 80.248
Google Citation Count = 445, H-index 11, i10-index 14.

Accepted:

1. Mohammad Tabrez Quasim, Asadullah Shaikh, Mohammed Shuaib, Adel Sulaiman, Shadab Alam and Yousef Asiri. Fuzzy Decision-Making Method based Evaluation of Smart Healthcare Management. Accepted in Soft Computing by Springer. Impact Factor 3.643, 2021. Preprints [PDF
2. Farooq Javeed, Basit Shahzad, Asadullah Shaikh, Mana Saleh Al Reshan, Saba Ahmad, Hani Alshahrani and Khairan Rajab. Strengthening Software Make vs. Buy Decision: A Mixed-Method Approach. Accepted in Intelligent Automation & Soft Computing, ISI Thomson Reuters, Impact Factor, 1.647, 2021.
3. Asadullah Shaikh, Syed Rizwan, Abdullah Alghamdi, Noman Islam, M.A. Elmagzoub and Darakhshan Syed. A Learning-Based Fault Localization Approach Using Subset of Likely and Dynamic Invariants. Accepted in Intelligent Automation & Soft Computing, ISI Thomson Reuters, Impact Factor, 1.647, 2021.

Published:

2022

4. Kanwal Imran, Nasreen Anjum, Abdullah Alghamdi, Asadullah Shaikh, Mohammed Hamdi, and Saeed Mahfooz. A Secure and Efficient Cluster-Based Authentication Scheme for Internet of Things (IoTs). Computers, Materials & Continua, vol. 70, no.1, pp.1033-1052, doi:10.32604/cmc.2022.018589 . ISI Thomson Reuters, Impact Factor, 3.772, 2022. [PDF]

5. Mohammad Tabrez Quasim, Saad Alhuwaimel, Asadullah Shaikh, Yousef Asiri, Khairan Rajab, Rihem Farkh, and Khaled Al Jaloud. An Improved Machine Learning Technique with Effective Heart Disease Prediction System.Computers, Materials & Continua, vol. 69, no.3, pp.4169-4181, doi:10.32604/cmc.2021.015984 . ISI Thomson Reuters, Impact Factor, 3.772, 2021. [PDF]

6. Muhammad Junaid, Asadullah Shaikh, Mahmood Ul Hassan, Abdullah Alghamdi, Khairan Rajab Mana Saleh Al Reshan and Monagi Alkinani. Smart Agriculture Cloud using AI based Techniques. Energies, vol. 14, no.16:5129, pp. 1-15, 2021. https://doi.org/10.3390/su13168900. ISI Thomson Reuters, Impact Factor, 3.004, 2021. [PDF]

7. Mesfer Alrizq, Sara Mehmood, Naeem Ahmed Mahoto, Ali Alqahtani, Mohammed Hamdi, Abdullah Alghamdi, and Asadullah Shaikh. Analysis of Skim Reading on Desktop versus Mobile Screen. Applied Sciences, vol. 11, no.16:7398, pp. 2-21. https://doi.org/10.3390/app11167398 . ISI Thomson Reuters, Impact Factor, 2.679, 2021. [PDF]

8. Naeem Ahmed Mahoto, Asadullah Shaikh, Mana Saleh Al Reshan, Muhammad Ali Memon and Adel Sulaiman. Knowledge Discovery from Healthcare Electronic Records for Sustainable Environment. Sustainability, vol. 13, no.16:8900, pp. 1-19, 2021. https://doi.org/10.3390/su13168900. ISI Thomson Reuters, Impact Factor, 3.251, 2021. [PDF]

9. Shakil Ahmed, Asadullah Shaikh, Hani Alshahrani, Abdullah Alghamdi, Mesfer Alrizq, Junaid Baber and Maheen Bakhtyar. Transfer Learning Approach for Classification of Histopathology Whole Slide Images. Sensors, vol. 21. issue. 16, 5361, pp, 1-22, 2021, https://doi.org/10.3390/s21165361. ISI Thomson Reuters, Impact Factor, 3.576, 2021. [PDF]

10. Fayaz A. Memon, Umair A. Khan, Asadullah Shaikh, Abdullah Alghamdi, Pardeep Kumar, and Mesfer Alrizq. Predicting Actions in Videos and Action-Based Segmentation Using Deep Learning. IEEE Access, vol. 9, pp. 106918-106932, 2021, doi: 10.1109/ACCESS.2021.3101175. ISI Thomson Reuters, Impact Factor, 3.367. [PDF]

11. Naeem Ahmed Mahoto, Rabia Iftikhar, Asadullah Shaikh, Yousef Asiri, Abdullah Alghamdi, and Khairan Rajab. An Intelligent Business Model for Product Price Prediction using Machine Learning Approach. Intelligent Automation & Soft Computing, vol. 30, no.1, pp. 147-159, 2021. ISI Thomson Reuters, Impact Factor, 1.647, 2021. [PDF]

12. Sara Mehmood, Naeem Ahmed Mahoto, Asadullah Shaikh, Hani Alshahrani, and Mana Saleh Al Reshan. Impact of Skim Reading Based on Different Screen Sizes. Intelligent Automation & Soft Computing, vol. 29, no.2, pp. 587–604, 2021. ISI Thomson Reuters, Impact Factor, 1.276, 2021. [PDF]

13. Basit Shahzad, Iqra Javed, Asadullah Shaikh, Adel Sulaiman, Ahsanullah Abro, and Muhammad Ali Memon. Reliable Requirements Engineering Practices for COVID-19 Using Blockchain. Sustainability 13, no. 12: 6748. ISI Thomson Reuters, Impact Factor, 2.576, 2021. [PDF]

14. Muhammad Ali Memon, Asadullah Shaikh, Adel Sulaiman, Abdullah Alghamdi, Mesfer Alrizq, Bernard Archimède. Time and Quantity Based Hybrid Consolidation Algorithms for Reduced Cost Products Delivery. Computers, Materials & Continua, vol. 69, no.1, pp. 409–432. Impact Factor, 4.89, 2021. [PDF]

15. Abdullah Alghamdi, Tooba Mehtab, Rizwan Iqbal, Mona Leeza, Noman Islam, Mohammed Hamdi, and Asadullah Shaikh. Automatic Classification of Monosyllabic and Multisyllabic Birds Using PDHF. Electronics 10, no. 5: 624, 2021. ISI Thomson Reuters, Impact Factor, 2.412. [PDF]

16. Asadullah Shaikh, Mana Saleh AlReshan, Yousef Asiri, Adel Sulaiman, and Hani Alshahrani. Tele-COVID: A Telemedicine SOA-based Architectural Design for COVID-19 Patients. Computers, Materials & Continua, vol. 67, no.1, pp. 549–576. Impact Factor, 4.89, 2021. [PDF]

17. Asadullah Shaikh, Abdul Hafeez, M.A. Elmagzoub, Abdullah Alghamdi, Ansar Siddique, and Basit Shahzad. Ontology-Based Verification of UML Class Model XOR Constraints and Dependency Relationships Constraints. Intelligent Automation & Soft Computing, vol. 27, no.2, pp. 565–579, 2021. ISI Thomson Reuters, Impact Factor, 1.276, 2021. [PDF]

18. Turki Alelyani, Asadullah Shaikh, Adel A. Sulaiman, Yousef Asiri, Hani Alshahrani, and Sultan Almakdi. Research Challenges and Opportunities Towards a Holistic View of Telemedicine Systems: A systematic review. In Enhanced Telemedicine and e-Health: Advanced IoT Enabled Soft Computing Framework. Studies in Fuzziness and Soft Computing, Springer. vol. 410, pp. 3 - 26, 2021. Scopus Indexed. [PDF]

2020

19. Asadullah Shaikh, and Abdullah Alghamdi. IoT, Smart Environments and Interdisciplinary Applications for Technology Management and Sustainable Development. International Journal of Technology Management & Sustainable Development, Vol. 19, No. 3, pp 257-261, 2020. Scopus Indexed. [PDF]

20. Asadullah Shaikh, Khairan Rajab, and Abdullah Alghamdi. Guest Editorial: Trends and Applications of Data Science and Big Knowledge. International Journal of Data Science, Vol. 5, No. 2 (2020), pp.111-115. [PDF]

21. Daler Ali, Malik Muhammad Saad Missen, Muhammad Ali Memon, Muhammad Ali Nizamani, Asadullah Shaikh. Extracting Temporal Entities in Urdu Language. University of Sindh Journal of Information and Communication Technology (USJICT), Vol.4 (3) pp. 181-188, October 2020. [PDF]

22. Asadullah Shaikh, Yousef Asiri, and Adel A. Sulaiman. (Editorial) Evaluating Critical Measures of Quality Management And Quality Control. International Journal for Quality Research, Vol. 14, No. 4 (2020), pp.985-988. Scopus and ESCI indexed, 2020. [PDF]

23. Asadullah Shaikh, and Khairan Rajab. Editorial Special Issue on New Frontiers in Data Sciences and Data Analytics Tools and Applications. Advances in Data Science and Adaptive Analysis Vol. 12, No. 2 (2020) 2002001, pp.1-3. World Scientific Publishing Company. DOI: 10.1142/S2424922X20020015. ESCI indexed, 2020. [PDF]

24. M.A. Elmagzoub, Asadullah Shaikh, Abdullah Alghamdi, and Khairan Rajab. A Review on MIMO Wireless Signals over Fibre for Next Generation Fibre Wireless (FiWi) Broadband Networks. Electronics. 2020; 9(12):2014. ISI Thomson Reuters, Impact Factor, 2.412, 2020. [PDF]

25. Asadullah Shaikh, Mueen Uddin, M.A. Elmagzoub, and Abdullah Alghamdi. PEMC: Power Efficiency Measurement Calculator to Compute Power Efficiency and CO2 Emissions in Cloud Data Centers. IEEE Access, vol. 8, pp. 195216-195228, 2020, doi: 10.1109/ACCESS.2020.3033791. ISI Thomson Reuters, Impact Factor, 3.745. [PDF]

26. Asadullah Shaikh. An Interactive Design using Human Computer Interaction for Autonomous Vehicles. International Journal of Engineering Trends and Technology (IJETT) – Editor's Issues - 2020, pp 160-172, 2020. DOI: 10.14445/22315381/CATI3P226. Scopus Indexed. [PDF]

27. Asadullah Shaikh. Guest Editorial: Advances in Deep Learning in Mobile Interactive Algorithms and Learning Technologies. International Journal of Interactive Mobile Technologies (iJIM), Vol 14(10), pp 4-6, 2020. DOI 10.3991/ijim.v14i10.15369. [PDF]

28. Asadullah Shaikh. Guest Editorial: Impact of Integrated Intelligent Information and Analytical Systems on Society. Journal of Information Technology Management (JITM), Vol 12(3), pp 1-3. Scopus Indexed. DOI 10.22059/JITM.2020.76287. [PDF]

29. Quadri Noorulhasan , Mohamed Rafik Noor Qureshi, Nasser Tairan, AbdulHafeez Mohammad, Asadullah Shaikh, Alhuseen O. Alsayed, Asadullah Shah, and Fahad Mazaed Alotaibi. Evaluating Critical Success Factors in Implementing E-Learning System using Multi-Criteria Decision-Making. PLOS ONE. 2020;15(5):1-25. doi:10.1371/journal.pone.0231465. Impact Factor, 2.776, 2020. [PDF]

30. Abdul Hafeez Muhammad, Asadullah Shaikh, Quadri N , and, Mohamed Rafik Noor Qureshi. Factors Affecting Academic Integrity in e-Learning of Saudi Arabian Universities. An

investigation using Delphi and AHP. IEEE Access, Volume 8 (1) 2020, pp 16259-16268 , ISSN 2169-3536. ISI Thomson Reuters, Impact Factor, 4.098. [PDF]

31. Asadullah Shaikh, The Framework to Analyze the Factors and Aspects of Information Security Program Maturity Grid. International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE), VOL. 9, NO. 1.1, 311-315, March 2020, ISSN 2278 - 3091. Scopus Indexed. [PDF]

32. Soobia Saeed, Asadullah Shaikh, Muhammad Ali Memon, Muhammad Ali Nizamani, Muhammad Memon. Online Deal Portal: Factors to Consider for an Effective Design. University of Sindh Journal of Information Communication Technology (USJICT), Vol. 4(1) pp. 38-44, March (2020). [PDF]

2019

33. Noorulhasan Quadri, Mohamed Rafik N. Qureshi, Asadullah Shaikh, Alhuseen Omar Alsayed, and Khalid Mohiuddin. Evaluating and Ranking Cloud-Bbased E-Learning Critical Success Factors (CSFs) Using Combinational Approach . IEEE Access, Volume 7 (2019), pp 157145-157157 , ISSN 2169-3536. ISI Thomson Reuters, Impact Factor, 4.098. [PDF]

34. Soobia Saeed, Asadullah Shaikh, Muhammad Ali Memon, Muhammad Ali Nizamani. System Development Life Cycle Test Driven Technique and Defect Investigation. In University of Sindh Journal of Information Communication Technology (USJICT), Vol.3 (3) pp. 128-134, July (2019). [PDF]

35. Muhammad Ali Memon, Zaira Hassan, Kamran Dahri, and Asadullah Shaikh. Aspects Oriented UML to ECORE model Transformation. The ISC International Journal of Information Security, Volume 11, Number 3 (pp. 97–103), August 2019,. ISI web of science. [PDF]

36. Asadullah Shaikh.The Impact of Management of Information Communication Technology (MICT) on Society- International Conference on Communication, Management and Information Technology- ICCMIT 2019, Vienna, Austria. Indian Journal of Science and Technology, Vol 12(18), May 2019. ISI web of science. [PDF]

37. Soobia Saeed, Asadullah Shaikh, Muhammad Ali Memon, Muhammad Ali Nizamani, Faheem Ahmed Abbasi, and Syed Mehmood Raza Naqvi. Evaluating the Quality of Point of Sale (POS) Software. In University of Sindh Journal of Information Communication Technology (USJICT), Vol.3 (2) pp. 69-75, April (2019). [PDF]

38. Asadullah Shaikh. The Role of Maturity Driven Software Process Improvement in an Industry . International Journal of Advanced Trends in Computer Science and Engineering, VOL. 8, NO. 11, 344-350, January 2019, ISSN 2278 - 3091. Scopus Indexed. [PDF]

2018

39. Soobia Saeed, Asadullah Shaikh, Pardeep Kumar, Muhammad Ali Memon and Syed Mehmood Raza Naqvi. Assimilation of Monitoring System for Emergency Power System. Quaid - e-Awam University Research Journal, VOL. 16, NO. 1, 23–30, JUL–DEC 2018, ISSN 1605-8607. HEC Recognized. [PDF]

40. Soobia Saeed, Asadullah Shaikh, Muhammad Ali Memon and Syed Mehmood Raza Naqvi. Technique for Tumor Detection Upon Brain MRI Image by Utilizing Support Vector Machine . Quaid - e-Awam University Research Journal, VOL. 16, NO. 1, 37–42, JUL–DEC 2018, ISSN 1605-8607. HEC Recognized. [PDF]

41. Farroque Memon, Soobia Saeed, Asadullah Shaikh, and Muhammad Ali Memon. Systematic Approach of Customer Relationship Management in Much Different Organization. In Journal of Business Studies, JBS Vol 14, No.2, pp. 154-168, 2018. HEC Recognized. [PDF]

42. Soobia Saeed, Asadullah Shaikh, and Muhammad Ali Memon. Impact of Social Networking Sites on Personality & Attitude of Young Adults (Research covering the young adults" lives within Korangi, Karachi) . In International Research Journal of Arts & Humanities (IRJAH), Vol.46 (46) pp. 47-62 (2018). HEC Recognized. [PDF]

43. Soobia Saeed, Asadullah Shaikh, Syed Mehmood Raza Naqvi and Muhammad Ali Memon. Impact Of Data Mining Techniques To Analyze Health Care Data. In Journal of Medical Imaging and Health Informatics, Vol. 8 (5), pp. 674–682, 2018. ISI Thomson Reuters, Impact Factor, 0.62.

44. Asadullah Shaikh, and Uffe Will. Overview of Slicing and Feedback Techniques for Efficient Verification of UML/OCL Class Diagrams. IEEE Access, Volume 6 (2018), pp 23864 - 23882, ISSN 2169-3536. ISI Thomson Reuters, Impact Factor, 4.098. [PDF]

45. Abdul Hafeez, Syed Hyder Abbas Mussavi, Aqeel-ur-Rehman, and Asadullah Shaikh. Ontology-Based Finite Satisfiability of UML Class Model. IEEE Access, Volume 6 (2018), pp 3040-3050, ISSN 2169-3536. ISI Thomson Reuters, Impact Factor, 4.098. [PDF]

46. Mutiullah Shaikh, Farah Deeba, Asadullah Shaikh, and Muhammad Ali Memon. State-Full Virtual Machine Live Data Migration For Improved Load Balancing., In Sindh University Research Journal (SUJO), Vol.50 (1) pp. 107-114 (2018). HEC Recognized. [PDF]

47. Soobia Saeed, Asadullah Shaikh and Syed Mehmood Raza Naqvi. Performance Analysis of Quality Assurance due to the usage of two Enterprise Resource Planning's (ERPs): Microsoft Dynamics AX and SAP. In Mehran University Research Journal of Engineering and Technology, Volume 37, No. 2, pp. 337-350 April, 2018 HEC Recognized.

2017

48. Khizer Hayat Khuhawa, Muhammad Ali Memon, Asadullah Shaikh, Hyder Ali Nizamani, and Majid Hussain Memon. Reasons As To Why Consumer Prefers One Brand Over Another: A Study Of Packaged Milk In Hyderabad Using Blind Tests. In Journal of Business Studies, JBS Vol 13, No.2, pp. 50-59, 2017. HEC Recognized. [PDF]

49. Muhammad Ali Memon, Asadullah Shaikh, Kamran Taj Pathan, Majid Hussain Memon and Kamran Dahri. Route Finding For Facilitating Transportation Planning To Maintain Smooth Product Flow In Supply Chain. In Journal of Business Studies, JBS Vol 13, No.2, pp. 11-21, 2017. HEC Recognized. [PDF]

50. Soobia Saeed, Asadulallah Shaikh, Muhammad Ali Memon, Muhammad Qaiser Saleem and Syed Mehmood Raza Naqvi. Assessment of Brain Tumor Due to the Usage of MATLAB Performance. Journal of Medical Imaging and Health Informatics, Vol. 7, 1454–1460, 2017. ISI Thomson Reuters, Impact Factor, 0.77. [PDF]

51. Soobia Saeed, Asadullah Shaikh and Shahbaz Ahmed Noor. Analysis of Brain Tumor Due To the Usage of Mobile Phone. Mehran University Research Journal of Engineering & Technology, July 2017, Volume 36, Issue 3, HEC Recognized, 2017. [PDF].

52. Soobia Saeed, Asadullah Shaikh, Muhammad Ali Memon, Majid Hussain Memon, Faheem Ahmed Abassi and Syed Mehmood R Naqvi, Implementation of Failure Enterprise Systems in Organizational Perspective Framework. International Journal of Advanced Computer Science and Applications(IJACSA), 8(5), 2017. Scopus and ESCI indexed [PDF].

53. Muhammad Ali Memon , Asadullah Shaikh, Majid Hussain, and Raza Shah. Data Transformation with Interoperable Service Utilities in Heterogeneous Transport Systems. In Sindh University Journal (SUJO), Vol.49 (2) pp. 349-356 (2017). [PDF]

2016

54. Mohammad Al Shargabi and Asadullah Shaikh. Enhancing The Quality Of Service For Real Time Traffic Over Optical Burst Switching (Obs) Networks With Ensuring The Fairness For Other Traffics. In PLOS ONE 11.9 (2016): e0161873..Impact Factor: 3.2, 2016 [PDF].
55. Asadullah Shaikh and Uffe Kock Wiil. Efficient Verification-Driven Slicing of UML/OCL Class Diagrams. International Journal of Advanced Computer Science and Applications(ijacsa), 7(5), 2016. Scopus and ESCI indexed [PDF].
56. Mohammad Alsulami and Asadullah Shaikh. The Information-Seeking Problem in Human-Technology Interaction. International Journal of Advanced Computer Science and Applications(ijacsa), 7(5), 2016. Scopus and ESCI indexed [PDF].
57. Muhammad Ali Memon, Asadullah Shaikh, Khizer Hayat and Mutiullah Shaikh. Virtual Heterogeneous Model Integration Layer. International Journal of Advanced Computer Science and Applications(ijacsa), 7(5), 2016. IScopus and ESCI indexed [PDF].
58. Mutiullah Shaikh, Asadullah Shaikh, Muhammad Ali Memon and Farah Deeba. Analyzing Virtual Machine Live Migration in Application Data Context. International Journal of Advanced Computer Science and Applications(ijacsa), 7(5), 2016. Scopus and ESCI indexed [PDF].

2015

59. Abid Ghaffar, Mohamed Ridza Wahiddin, Asadullah Shaikh, and Akhlaq Ahmad. Multi-Layered Alert Filtration and Feedback Cycle using Brahms Model. In 4th International Conference on Advanced Computer Science Applications and Technologies (ACSAT) –Kuala Lumpur, 2015, pp. 121-126 [Download].
60. Abid Ghaffar, Mohamed Ridza Wahiddin, Asadullah Shaikh and Akhlaq Ahmad. Generating Alerts using Context Aware Security and Brahms Model for Customer Service Improvement. In 4th Ineternaional Multi Topic Conference (IMTIC 15) by Mehran University of Engineering and Technology, pp 47-54, 2015. [PDF].
61. Ahmad M. Taleb, Asadullah Shaikh, Todd Eavis, and Nasser M. Taleb. High Performance Framework for Mining Association Rules from Hierarchical Data Cube. In International Journal of Business Intelligence and Data Mining 10.3 (2015): 233-252 [Download].

62. Asadullah Shaikh. NoMadCar: The Interactive Design using Human Computer Interaction Techniques. In Journal of Advanced Computer Science and Technology Research, [S.l.], v. 5, n. 1, apr. 2015. [Open Access].

63. Asadullah Shaikh . The Impact of SOA on a System Design for a Telemedicine Healthcare System. In Network Modeling Analysis in Health Informatics and Bioinformatics 4.1 (2015): 1-16 by Springer [Cite] [Download].

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65. Abid Ghaffar, Mohamed Ridza Wahiddin, Mohamad Fauzan Bin Noordin and Asadullah Shaikh. Evaluation of Tools and Techniques for the Generation of Warning Alerts: A Survey Paper. In Journal Transactions on Machine Learning and Artificial Intelligence 10.14738/tmlai.32.1078. ISSN 2054-7390, 2015. [Cite] [Open Access].

2014

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67. Mazen Ali Gazzan and Asadullah Shaikh . Towards Bridging the Gap between CMMI and Agile Development Methodologies. In 27th International Conference on Computer Applications in Industry and Engineering USA, 978-1-880843-97-0, 2014.

68. Safeeullah Soomro, Abdul Hafeez, Asadullah Shaikh and Syed Hyder Abbas Musavi. Ontology Based Requirement Interdependency Representation and Visualization. In 3rd Ineternaional Multi Topic Conference (IMTIC 13) by Springer CCIS 414 Series, pp 259-270, 2014. [Cite] [PDF].

2013

69. Abid Ghaffar, Mohamed Ridza Wahiddin, and Asadullah Shaikh. Computer Assisted Alerts Using Mental Model Approach for Customer Service Improvement. In Journal of Software Engineering and Applications, 2013, 6, 21-25 doi:10.4236/jsea.2013.65B005. [Cite] [Open Access].

2012

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103. Asadullah Shaikh, Robert Clarisó, Uffe Kock Wiil, and Nasrullah Memon. Verification-Driven Slicing of UML/OCL Models. In ACM Automated Software Engineering, pages 185–194, 2010. Acceptance ratio: 18 percent. [Cite] [PDF].

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107. Asadullah Shaikh, Muhammad Misbahuddin, and Muniba Shoukat Memon. A System Design for a Telemedicine Health Care System. In IMTIC Springer CCIS Series, pages 295–305, 2008. [Cite]

108. Muniba Shaikh and Asadullah Shaikh. The Role of Model Driven Architecture in Online Web-Based Admission System. In 8th National Research Conference (NRS) proceedings Szabist Islamabad, 2008.

HONORS/AWARDS:

February2015
Received Shield for best tutorial presentation in 4th International Multi Topic Conference (IMTIC 15) bySpringer CCIS

May 2012: Best Presenter Award Seminar UIA Malaysia

April 2012: Won MOHE Malaysia Common Wealth Scholarship 2012

February2012: Bronze Medal for poster presentation 2012 at UIA Malaysia

February2012: Participation in postgraduate colloquium at UIA Malaysia

February2011: Danish language certificate from LÃerdansk, Odense, Denmark

June 2009:Spanish language certificate from Generalitat de Catalunya, Barcelona, Spain

April 2009: Research Grant from Internet Interdisciplinary Institute (IN3), Barcelona Spain

PROFESSIONAL Activities:

Professional Memberships
{ **Membership No: 94167301:** IEEE Technical Council on Software Engineering (TCSE).
{ **No.PEC/REGN/AMIE/2013:** Pakistan Engineering Council, Islamabad, Pakistan.
{ **MCS A170/1100540387:** Institution of Engineering and Technology (IET) with designatory letters MIET,Stevenage, SG1 2AY, United Kingdom.
{ **TCSE 94167301:** The IEEE Computer Society Technical Council on Software Engineering (TCSE.)

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Conference 5 The 8th International Conference on Internet and Web Applications and Services (ICIW 2013)
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Conference 7 International Multi topic conference (IMTIC 2013) 18-20 December, 2013
Conference 8 The 9th International Conference on Internet and Web Applications and Services (ICIW 2014)
Conference 9 The 6th International Conference on Advances in Future Internet (AFIN 2014)
Conference10 The 10th International Conference on Emerging Technologies 2014 (ICET 2014)
Conference11 IADIS International Conference (WWW/INTERNET 2014)
Conference12 International Multi topic conference (IMTIC 2015) 18-20 December, 2015
Conference13 The 10th International Conference on Internet and Web Applications and Services (ICIW 2015)
Conference14 The 7th International Conference on Advances in Future Internet (AFIN 2015)
Conference15 1st International Workshop on Aspect Oriented Strategies for Domain Modelling (AOSDM16)
Conference16 1st International Conference on Computer and Electronics Engineering 2016 9-10 Jan, 2016 (ICCEE-2016)

Conference 17 The 8th International Conference on Advances in Future Internet (AFIN 2016) Nice,

France

Conference 18 IADIS International Conference (WWW/INTERNET 2015)

Conference 19 The 11$_{th}$ International Conference on Internet and Web Applications and Service (ICIW 2016)

Conference 20 2$_{nd}$ International Conference (WWW/INTERNET 2009)

Conference 21 5$_{th}$ International Conference on Signal, Image Processing and Pattern Recognition (SPPR 2016)

Conference 22 2$_{nd}$ International Conf on Communication & Information Processing (ICCIP 2016) Singapore)

Conference 23 9$_{th}$ International Conf Computer Science and Information Technology (ICCSIT 2016) Ireland)

Conference 24 2$_{nd}$ International Conference on Intelligent Information Processing, Security and Advanced Communication(IPAC'2016)Prague, Czech, Republic

Conference 25 4$_{th}$ International Conference on Building and Exploring Web Based Environments (WEB 2016) Lisbon, Portugal

Conference 26 2$_{nd}$ International Conference on Multimedia and Image Processing(ICMIP 2017) will be held in Wuhan, China

Conference 27 International Conf on Communication, Computing and Digital Systems (CCODE 2017) Pakistan

Conference 28 3$_{rd}$ International Conf on Communication & Information Processing (ICCIP 2017) Japan

Conference 29 9$_{th}$ International Conference on Advances in Future Internet (AFIN 2017) Rome, Italy

Conference 30 16$_{th}$ International Conference on WWW/Internet 2017, Algarve, Portugal

Conference 31 2$_{nd}$ International Workshop on Signal Acquisition and Processing (ICSAP 2017) Qingdao, China

Conference 32 International Conference on Internet and e-Business (ICIEB 2018), Singapore

Conference 33 15$_{th}$ International Learning and Technology Conference (L&T 2018), Jeddah, KSA

Conference 34 International Conference on Computing, Electronics & Communications Engineering 2018(ICCECE '18) University of Essex, Southend, UK

Conference 35 10$_{th}$ International Conference on Advances in Future Internet (AFIN 2018) Venice, Italy

Conference 36 International Conference on Emerging Technologies in Computing 2018(ICETiC '18) London Metropolitan University, London, UK

Conference 37 4$_{th}$ International Conf on Communication & Information Processing (ICCIP 2018) China

Conference 38 5$_{th}$International Multi topic conference (IMTIC 2018) Jamshoro, Pakistan

Conference 39 The 13$_{th}$ International Conference on Internet and Web Applications and Service (ICIW 2018)

Conference 40 3$_{rd}$ International Conference on E-Business and Internet (ICEBI 2019), Prague, Czech Republic

Conference 41 The 11$_{th}$ International Conference on Advances in Future Internet (AFIN 2019) Nice, France

Conference 42 2$_{nd}$ IEEE International Conference on Emerging Technologies in Computing 2019 (iCETiC '19), UK.

Conference 43 International Conf on Communication, Computing and Digital Systems (CCODE 2019) Pakistan

Other Miscellaneous Reviewing Activities

Conference 1 10$_{th}$ ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2009). May 27-29, 2009

Conference 2 Advances in Social Networks Analysis and Mining (ASONAM 2009), July 20-22, 2009

Conference 3 13$_{th}$ International Conference Information Visualization (IV09), 14 - 17 July 2009.

Conference 4 The International Conference on Advanced Data Mining And Application (ADMA 2009)

Conference 5 Advances in Social Networks Analysis and Mining (ASONAM 2010), August 9-11, 2010.

Conference 6 The International Conference on Engineering and Meta-Engineering (ICEME 2010).

Conference 7 International Conference on Information Systems (ICIS 2010), Dec 12-15, 2010.

Conference 8 International Multi topic conference (IMTIC 2012), March 28-30, 2012

Journals Reviewing/Editorial Board

Journal 1 Journal of Computer Methods and Programs in Biomedicine By Elsevier. Impact Factor: 1.862

Journal 2 International Journal of Advanced Computer Science and Applications (IJACSA). Impact Factor: 1.32

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