

CURRICULUM VITAE

Dr. Asadullah Shaikh

*B.Sc [Software Development] UK,
M.Sc [Software Engineering and Management] Sweden,
Ph.D [Software Engineering] Denmark*

Name : **ASADULLAH SHAIKH**
Nationality : Pakistani
Date of Birth : 3rd October 1981
Marital Status : Married
Present Appointment/Address : Behind Hotel Ramada Najran Alaraisa, Najran, Saudi Arabia.
Telephone : Mobile : 00966536432167
: Web : www.asadshaikh.com
: E-mail : shaikhasad@hotmail.com
NIC No. : 41301-6772136-1
Passport Number : BV 5191363

OBJECTIVE

I want to contribute in science by producing quality of research students through teaching and research. My aim is to publish research papers in top class conferences/journals and create innovative software verification and validation techniques. I have 7 years teaching and research experience in the field of software engineering and management and would like to increase more by resolving the problems in the above field by applying for this job.

QUALIFICATIONS

2010 – 2013 **Doctorate, Ph.D (Software Engineering), University of Southern Denmark, Odense, Denmark.**

2005 – 2007 **Graduate, M.Sc (Software Engineering and Management), I.T University Of Göteborg, Göteborg, Sweden.**

2000 – 2004 **Undergraduate, B.Sc (Software Development), University of Huddersfield, Huddersfield, England, obtained from Karachi Institute of Information Technology.**

WORK EXPERIENCE

Aug. 2013 – to date **Assistant Professor (Computer Science & Information Technology) and Head of Research, 'Najran University, Najran, Saudi Arabia.**

Aug. 2011 – Jun 2013 **Assistant Professor (Computer Science & Information Technology), 'Institute of Business and Technology (IBT) Korangi Creek, Karachi, Pakistan',**
Responsible for teaching four courses per semester such as Software Engineering, Human Computer Interaction (HCI), Management Information System and Programming Fundamentals. Responsible for research activities in ARISE group.

Sep. 2010 – Jun 2011 **Research Assistant/PhD Scholar, 'Maersk Mc-Kinney Moller Institute, University of Southern Denmark',**
Research in the field of Model Verification and Validation.

Apr. 2008 – Dec. 2009 **Research Assistant/PhD Scholar, 'Software Engineering Group GRES-UOC Rambla del Poblenou 156, Barcelona, Spain',**
Responsible for research activities in software engineering group. To create Innovative verification Techniques. Responsible to solve the problem of complex verification of UML/OCL class models.

Feb. 2006 – Mar. 2008 **Information Technology Manager (Honorary, Part Time), 'Lai Thai Artillerigatan 8, 41503 Göteborg, Sweden',**
 Responsible for handling my own developed Kasa (counter) System.
 Responsible for updating and maintenance of DB server.
 Responsible for design and development of web site of organization.

Mar. 1998 – Dec. 2000 **Computer Administrator & Ex. Manager, 'Excellence of Studies (Eos) English, Language and Coaching Center, Hyderabad, Pakistan',**
 Responsible for developing the programs in (C).
 To conduct the lectures of computer language (C).
 Responsible for maintenance of database system including development in MS Access.

CURRENT RESEARCH INTERESTS

Software Engineering, Software Verification and Validation, Software Testing, Model Based Checking, Service Oriented Architecture (SOA), Cloud Computing and Software Process Improvement (SPI).

COMPLETED THESES AND PROJECTS

Doctoral Thesis	Methods and Concepts for Efficient Verification of UML/OCL Models.
Master's Thesis	A System Design For A Tele-Medicine Health Care System.
Master's Semester III Research Project	Strengths And Weaknesses of Maturity Driven Process Improvement Effort.
Master's Semester II Technical Challenge Project	Online Web-Based Admission System.
Master's Semester I Industry Challenge Project	Model-Driven Architecture in Embedded Systems.
Bachelor's Final Project	Secure Pc Access and Spyware.
Bachelor's Semester Project	Development of Website for Shopping Places in Karachi.

PUBLICATIONS

1. Muhammad Ali Memon , Asadullah Shaikh, and Majid Hussain. **Data transformation with interoperable service utilities in heterogeneous transport systems.** To be submitted in Journal of Universal Computer Science, ISI Thomson Reuters, Impact Factor, 0.77, 2016.

2. Muhammad Ali Memon , Asadullah Shaikh, Majid Hussain Memon Dr pardeep. **Route finding for facilitating transportation planning.** To be submitted in Arabian Journal for Science and Engineering, ISI Thomson Reuters, Impact Factor, 0.78, 2016.
3. Muniba Shaikh and Asadullah Shaikh. **Modified Levensthein Distance for Duplicate Detection.** Submitted in Journal of Universal Computer Science, ISI Thomson Reuters, Impact Factor, 0.77, 2016.
4. Soobia Saeed, Asadullah Shaikh, Pardeep Kumar, Muhammad Ali Memon and Syed Mehmood Raza Naqvi. **Assimilation of Monitoring System for Emergency Power System.** Submitted in Quaid-e-Awam University Research Journal , 2016, ISSN 1605-8607.
5. Naif Al Mudawi and Asadullah Shaikh. **A System for Fine-grained Zone-Based Positioning Using Bluetooth.** Submitted in Bahria University Journal of Information and Communication Technologies, 2016, ISSN 1999-4974.
6. Soobia Saeed, Asadulallah Shaikh, Syed Mehmood Raza Naqvi and Muhammad Ali Memon. **Impact Of Data Mining Techniques To Analyze Health Care Data.** Submitted in 14th Learning and Technology (L&T) International conference, 2016.
7. Burhan Saleh, Hasan Rosyadi and Asadulallah Shaikh. **Augmented Reality (AR) Sandbox: An Interactive Approach in Fluvial Geomorphology.** Submitted in 14th Learning and Technology (L&T) International conference, 2016.
8. Soobia Saeed, Asadulallah Shaikh and Syed Mehmood Raza Naqvi. **Analysis of Brain Tumor Due To the Usage of Mobile Phone.** Accepted in Mehran University Research Journal of Engineering & Technology, 2016.
9. Soobia Saeed, Asadulallah 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.** Accepted in Mehran University Research Journal of Engineering & Technology, 2016.
10. Mutiullah Shaikh, Farah Deebea, Asadullah Shaikh, and Muhammad Ali Memon. **State-Full Virtual Machine Live Data Migration For Improved Load Balancing.** Submitted in Sindh University Journal (SUJO), 2016.
11. 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.** PLOS ONE 11, no. 9 (2016): e0161873. Impact Factor: 3.2, 2016.
12. Asadullah Shaikh and Uffe Kock Wiil. **Efficient verification-driven slicing for UML/OCL class diagrams.** In International Journal of Advanced Computer Science and Applications (IJACSA) By the science and information organization, Volume 7 Issue 5, 2016, pp 530-547. Impact Factor 1.32, 2016.
13. Muhammad Ali Memon, Asadullah Shaikh, Khizer Hayat, and Mutiullah Shaikh. **Virtual Heterogeneous Model Integration Layer.** In International Journal of Advanced Computer Science and Applications (IJACSA) By the science and information organization, Volume 7 Issue 5, 2016, pp 591-597. Impact Factor 1.32, 2016.
14. Mutiullah Shaikh, Asadullah Shaikh, Muhammad Ali Memon, and Farah Deebea. **Analyzing Virtual Machine Live Migration In Application Data Context.** In International

Journal of Advanced Computer Science and Applications (IJACSA) By the science and information organization, Volume 7 Issue 5, 2016, pp 401-407. Impact Factor 1.32, 2016.

15. Mohammad Al Sulami, and Asadullah Shaikh. **The Information-Seeking Problem in Human-Technology Interaction.** In International Journal of Advanced Computer Science and Applications (IJACSA) By the science and information organization, Volume 7 Issue 5, 2016, pp 584-590. Impact Factor 1.32, 2016.
16. Abid Ghaffar, Mohamed Ridza Wahiddin, Asadullah Shaikh, and Akhlaq Ahmad. **Multi-Layered Alert Filtration and Feedback Cycle using Brahms Model.** Accepted in 4th International Conference on Advanced Computer Science Applications and Technologies – ACSAT2015 by IEEE.
17. 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
18. 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 International Multi Topic Conference (IMTIC 15) by Mehran University of Engineering and Technology, pp 47-54, 2015.
19. Abid Ghaffar, Mohamed Ridza Wahiddin, Mohamad Fauzan Bin Noordin and Asadullah Shaikh. **A Framework to Improve Customer Service Using Brahms Model.** In Journal of Engineering Innovation and Research (IJEIT), 2015, Volume 4, Issue 1, ISSN: 2277 – 5668, 2015.
20. 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.
21. Asadullah Shaikh. NoMadCar: **The Interactive Design using Human Computer Interaction Techniques.** In Journal of Advanced Computer Science and Technology Research, [S.I.], v. 5, n. 1, apr. 2015
22. 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.
23. 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.
24. Safeeullah Soomro, Abdul Hafeez, Asadullah Shaikh and Syed Hyder Abbas Musavi. **Ontology Based Requirement Interdependency Representation and Visualization.** In 3rd International Multi Topic Conference (IMTIC 13) by Springer CCIS 414 Series, pp 259-270, 2014.
25. 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. Impact Factor: 0.15.

26. Asadullah Shaikh and Uffe Kock Wiil. **A feedback technique for unsatisfiable UML/OCL class diagrams**. In Software Practice and Experience (SPE). Published online in Wiley Online Library (wileyonlinelibrary.com). DOI: 10.1002/spe.2211. Impact Factor: 1.008. ISI Indexed
27. Fahad Samad, Qassem Abu Ahmed, Asadullah Shaikh, and Abdul Aziz. **Jam: Mitigating jellyfish attacks in wireless ad hoc networks**. In Emerging Trends and Applications in Information Communication Technologies, volume 281 of Communications in Computer and Information Science, pages 432–444. Springer Berlin Heidelberg, 2012.
28. Asadullah Shaikh, Naveed Anjum, Fahad Samad, and Asadullah Shah. **Building wireless sensor networks application using sun spots**. In Emerging Trends and Applications in Information Communication Technologies, volume 281 of Communications in Computer and Information Science, pages 466–477. Springer Berlin Heidelberg, 2012.
29. Asadullah Shaikh and Uffe Kock Wiil. **UmltoCSP (UOST): A tool for efficient verification of UML/OCL class diagrams through model slicing**. In ACM SIGSOFT FSE, pages 37:1–37:4, 2012. Acceptance ratio: 17 percent.
30. Muniba Shaikh, Humaira Dar, Asadullah Shaikh, and Asadullah Shah. **Adjusted edit distance algorithm for alias detection**. In International Conference on Information and Knowledge Management (ICIKM), pages 118–122, 2012.
31. Shah, Asadullah and Shaikh, Asadullah and Shaikh, Muniba and Bhatti, Zeeshan and Abdullah Zammarh, Nuha and Dwi Handayani, Dini Oktarina and Shah, Zoya, eds. (2011) **Statistical time division multiplexing architectures and design**. IIUM Press, Kuala Lumpur. ISBN 978-967-418-190-1
32. Asadullah Shaikh, Zeeshan Bhatti, and Asadullah Shah (2011) **Bitwise Operators and Type Casting**. IIUM Press, Kuala Lumpur, pp. 45-50 . ISBN 978-967-418-086-7.
33. Asadullah Shaikh, Zeeshan Bhatti, and Asadullah Shah (2011) **Conditional Statements**. IIUM Press, Kuala Lumpur, pp. 41-55 . ISBN 978-967-418-086-7.
34. Asadullah Shaikh, Zeeshan Bhatti, and Asadullah Shah (2011) **IF ELSE Statements**. IIUM Press, Kuala Lumpur, pp. 45-60 . ISBN 978-967-418-086-7.
35. Asadullah Shaikh, Zeeshan Bhatti, and Asadullah Shah (2011) **IF ELSE Statements IF**. IIUM Press, Kuala Lumpur, pp. 61-66 . ISBN 978-967-418-086-7.
36. Asadullah Shaikh, Zeeshan Bhatti, and Asadullah Shah (2011) **Switch Satatements**. IIUM Press, Kuala Lumpur, pp. 67-72 . ISBN 978-967-418-086-7.
37. Shah, Asadullah and Shaikh, Asadullah (2011) [*Arithmetic expressions and data types in C++*](#). In: C++ Programming: Step by Step. IIUM Press, Kuala Lumpur, pp. 1-3. ISBN 9789674180904
38. Shah, Asadullah and Shaikh, Asadullah (2011) [*Decision making: If-else statements and relational operators*](#). In: C++ Programming: Step by Step. IIUM Press, Kuala Lumpur, pp. 17-24. ISBN 9789674180904
39. Shah, Asadullah and Shaikh, Asadullah (2011) [*Introduction*](#). In: C++ Programming: Step by Step. IIUM Press, Kuala Lumpur, pp. 1-3. ISBN 9789674180904

40. Shah, Asadullah and Shaikh, Asadullah (2011) [Sending the output to a print file.](#) In: C++ Programming: Step by Step. IUM Press, Kuala Lumpur, pp. 11-16. ISBN 9789674180904
41. Shah, Asadullah and Shaikh, Asadullah and Alshaikhli, Imad Fakhri Taha (2011) [Basic storage management.](#) In: Introduction of computer systems and applications. IUM Press, Kuala Lumpur, pp. 113-118. ISBN 9789674180850
42. Shah, Asadullah and Shaikh, Asadullah (2011) [Control panel of an oscilloscope.](#) In: Understanding basic concept of electrical and electronic systems. IUM Press, Kuala Lumpur, pp. 29-33. ISBN 9789674181161
43. Shah, Asadullah and Shaikh, Asadullah (2011) [Digital multiplexing techniques.](#) In: Statistical Time Division Multiplexing Architectures and Design. IUM Press, Kuala Lumpur, pp. 5-9. ISBN 978-967-418-190-1
44. Shah, Asadullah and Shaikh, Asadullah (2011) [Linear predictive coding of speech.](#) In: Statistical Time Division Multiplexing Architectures and Design. IUM Press, Kuala Lumpur, pp. 15-17. ISBN 978-967-418-190-1
45. Shah, Asadullah and Shaikh, Asadullah (2011) [Low bit rate speech coding.](#) In: Statistical Time Division Multiplexing Architectures and Design. IUM Press, Kuala Lumpur, pp. 10-11. ISBN 978-967-418-190-1
46. Shah, Asadullah and Shaikh, Asadullah (2011) [Low bit rate speech coding standards.](#) In: Statistical Time Division Multiplexing Architectures and Design. IUM Press, Kuala Lumpur, pp. 12-14. ISBN 978-967-418-190-1
47. Shah, Asadullah and Shaikh, Asadullah (2011) [Measurement techniques.](#) In: Understanding basic concept of electrical and electronic systems. IUM Press, Kuala Lumpur, pp. 39-46. ISBN 9789674181161
48. Shah, Asadullah and Shaikh, Asadullah and Alshaikhli, Imad Fakhri Taha (2011) [Network security setting.](#) In: Introduction of computer systems and applications. IUM Press, Kuala Lumpur, pp. 99-106. ISBN 9789674180850
49. Shah, Asadullah and Shaikh, Asadullah (2011) [Operation of an oscilloscope.](#) In: Understanding basic concept of electrical and electronic systems. IUM Press, Kuala Lumpur, pp. 34-38. ISBN 9789674181161
50. Shah, Asadullah and Shaikh, Asadullah (2011) [Resistor color codes.](#) In: Understanding basic concept of electrical and electronic systems. IUM Press, Kuala Lumpur, pp. 47-51. ISBN 9789674181161
51. Shah, Asadullah and Shaikh, Asadullah (2011) [Soldering iron practice.](#) In: Understanding basic concept of electrical and electronic systems. IUM Press, Kuala Lumpur, pp. 52-55. ISBN 9789674181161
52. Shah, Asadullah and Shaikh, Asadullah and Alshaikhli, Imad Fakhri Taha (2011) [Task scheduling.](#) In: Introduction of computer systems and applications. IUM Press, Kuala Lumpur, pp. 107-112. ISBN 9789674180850
53. Shah, Asadullah and Shaikh, Asadullah (2011) [Transmission bandwidth efficiency enhancement techniques.](#) In: Statistical Time Division Multiplexing Architectures and Design. IUM Press, Kuala Lumpur, pp. 1-4. ISBN 978-967-418-190-1
54. Shah, Asadullah and Shaikh, Asadullah and Alshaikhli, Imad Fakhri Taha (2011) [Windows installation.](#) In: Introduction of computer systems and applications. IUM Press, Kuala Lumpur, pp. 87-98. ISBN 9789674180850

55. Shah, Asadullah and Shaikh, Assadullah (2011) [*Logical operators and switch statements*](#). In: C++ Programming: Step by Step. IIUM Press, Kuala Lumpur, pp. 25-31. ISBN 9789674180904
56. Asadullah Shaikh, Uffe Kock Wiil, and Nasrullah Memon. **Evaluation of tools and slicing techniques for efficient verification of UML/OCL class diagrams**. Adv. Soft. Eng., 2011:5:1–5:18, 2011.
57. Asadullah Shaikh, Uffe Kock Wiil, and Nasrullah Memon. **UOST: UML/OCL aggressive slicing technique for efficient verification of models**. In SAM Lecture Notes in Computer Science Volume 6598, 2011.
58. Asadullah Shaikh, Sheeraz Ali, Nasrullah Memon, and Panagiotis Karampelas. **Soa security aspects in web-based architectural design**. In From Sociology to Computing in Social Networks by Springer, pages 415–430. 2010.
59. Asadullah Shaikh, Sheeraz Ali, Muniba Shaikh, and Javed Ahmed. **The Model-Driven Architecture in an Industrial Environment**. In IEEE International Conference on Information and Emerging Technologies (ICIET), pages 1–5. 2010.
60. 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.
61. Asadullah Shaikh, Ashfaq Ahmed, Nasrullah Memon, and Muniba Shoukat Memon. **Strengths and weaknesses of maturity driven process improvement effort**. In CISIS IEEE Computer Society, pages 481–486, 2009.
62. Asadullah Shaikh, Muniba Shoukat Memon, Nasrullah Memon, and Muhammad Misbahuddin. **The role of service oriented architecture in telemedicine healthcare system**. In CISIS IEEE Computer Society, pages 208–214, 2009.
63. Asadullah Shaikh, Aijaz Soomro, Sheeraz Ali, and Nasrullah Memon. **The Security Aspects in Web-Based Architectural Design Using Service Oriented Architecture**. In IV IEEE Computer Society, pages 461–466, 2009.
64. 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.
65. 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.

EDITED BOOKS

Introduction to Computer System and application	5 chapters, published by International Islamic University (IIUM) Press Kuala Lumpur, Malaysia.
C++ Programming Step-by-Step	5 chapters, published by International Islamic University (IIUM) Press Press Kuala Lumpur, Malaysia.
Understanding Basic Concept of Electrical and Electronic System	5 chapters, published by International Islamic University (IIUM) Press Press Kuala Lumpur, Malaysia.

Statistical Time Division Multiplexer Architectures and design 5 chapters, published by International Islamic University (IIUM) Press Kuala Lumpur, Malaysia.

COMPILED BOOKS IN LATEX

From Sociology to Computing in Social Networks - Theory, Foundations and Applications Uffe Kock Wiil, Editor. Counterterrorism and Open Source Intelligence, volume 2 of Lecture Notes in Social Networks. Springer, 2011.

Counterterrorism and Open Source Intelligence Nasrullah Memon and Reda Alhaji, Editors. From Sociology to Social Networks Theory, Foundations and Applications, volume 1 of Lecture Notes in Social Networks Springer, 2010.

TECHNICAL PROGRAM COMMITTEE MEMBER

- Conference 1** IADIS International Conference (WWW/INTERNET 2009).
- Conference 2** IADIS International Conference (WWW/INTERNET 2010).
- Conference 3** IADIS International Conference (WWW/INTERNET 2012).
- Conference 4** IADIS International Conference (WWW/INTERNET 2013).
- Conference 5** The 8th International Conference on Internet and Web Applications and Services (ICIW 2013).
- Conference 6** The 5th International Conference on Advances in Future Internet (AFIN 2013).
- 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).
- Conference 10** The 10th International Conference on Emerging Technologies 2014 (ICET 2014)
- Conference 11** IADIS International Conference (WWW/INTERNET 2014).
- Conference 12** International Multi topic conference (IMTIC 2015) 18-20 December, 2015.
- Conference 13** The 10th International Conference on Internet and Web Applications and Services (ICIW 2015).
- Conference 14** The 7th International Conference on Advances in Future Internet (AFIN 2015).
- Conference 15** 1st International Workshop on Aspect Oriented Strategies for Domain Modelling (AOSDM16)
- Conference 16** 1st International Conference on Computer and Electronics Engineering 2016 9th and 10th JAN, 2016 (ICCEE-2016)
- Conference 17** The 8th International Conference on Advances in Future Internet (AFIN 2016) Nice, France.
- Conference 18** The 11th International Conference on Internet and Web Applications and Services (ICIW 2015), Valencia Spain.
- Conference 19** IADIS International Conference (WWW/INTERNET 2015).

Other Reviewing Assignments

- Conference 1** 10th 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** 13th 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.
- Journal 1** Journal of Computer Methods and Programs in Biomedicine By Elsevier.
- Journal 2** Greener Journals.
- Journal 3** International Journal of Software Engineering and Knowledge Engineering (IJSEKE) Impact Factor: 0.30
- Journal 4** Network Modeling Analysis in Health Informatics and Bioinformatics (NHIB) By Springer
- Journal 5** Sindh University Research Journal (SURJ) University of Sindh Jamshoro.
- Journal 6** International Journal of Advanced Computer Science and Applications (IJACSA).

PROFESSIONAL TRAININGS

- November 2011** Training Award on Self Assessment Report (SAR), Karachi, Pakistan.
- January 2011** NetBeans' Training Award, Odense, Denmark.
- November 2009** Effective Oral Presentations, Barcelona, Spain.
- May 2009** Effective Written Documents, Barcelona, Spain.

CONDUCTED PROFESSIONAL TRAININGS

March 2014 Conducted Training of LaTeX: Professional writing software for the faculty of computer science and information systems (CSIS) Najran University, Najran, Saudi Arabia.

TAUGHT COURSES

(1) 342CIS-3 Information System Engineering| (Second Semester 2015/2016) | Theory/Lab | 3 Credits

(2) 342CSS-3 Software Engineering| (Second Semester 2015/2016) | Theory/Lab | 3 Credits

(3) 342CIS-3 Information System Engineering| (First Semester 2015/2016) | Theory/Lab | 3 Credits

(4) 342CSS-3 Software Engineering| (First Semester 2015/2016) | Theory/Lab | 3 Credits

(5) 342CIS-3 Information System Engineering| (Second Semester 2014/2015) | Theory/Lab | 3 Credits

(6) 342CSS-3 Software Engineering| (Second Semester 2014/2015) | Theory/Lab | 3 Credits

(7) 226CSS-2 UNIX System Environment| (First Semester 2014/2015) | Theory/Lab | 2 Credits

(8) 342CIS-3 Information System Engineering| (First Semester 2014/2015) | Theory/Lab | 3 Credits

(9) 226CSS-2 UNIX System Environment| (Summer Semester 2013/2014) | Theory/Lab | 2 Credits

(10) 324 CIS-3 Modern Application Development| (Summer Semester 2013/2014) | Theory/Lab | 3 Credits

(11) 342CIS-3 Information System Engineering| (Second Semester 2013/2014) | Theory | 3 Credits

(12) 342CIS-3 Information System Engineering| (First Semester 2013/2014) | Theory/Lab | 3 Credits

(13) 342CSS-3 Software Engineering| (First Semester 2013/2014) | Theory/Lab | 3 Credits

PHD COURSES

5 ECTS Writing Scientific Papers.

3 ECTS Research Methodology for Information Technology.

1 ECTS Presentation Course.

3 ECTS	Effective Written Documents.
1 ECTS	Effective Oral Presentations.
10 ECTS	Research Seminars.

MASTER COURSES

Semester 1

7.5 ECTS	ITU610	Introduction to Software Engineering and Management.
7.5 ECTS	ITU620	Seminars in Software Engineering and Management.
10 ECTS	ITU630	Industry Challenge Project.

Semester 2

3.0 ECTS	ITU070	Quality and Quality Management.
15 ECTS	ITU650	Technical Challenge Project.
7.5 ECTS	ITU670	Software Leadership and Quality Management.

Semester 3

6.0 ECTS	DIT070	Network security.
7.5 ECTS	INL040	Human-Computer Interaction.
6.0 ECTS	INN641	Applied Computer Security.
15 ECTS	ITU730	Research Project.
7.5 ECTS	ITU740	Thesis Preparation Course.

Semester 4

30 ECTS	ITU870	Master Thesis in Applied Information Technology.
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BACHELOR COURSES

Year 1

20 ECTS	CPI122	Study Skills for the Digital Environment.
20 ECTS	CPI242	Integrated Packages for Business Information Systems.
10 ECTS	CPM112	Foundation Maths and Statistics.
10 ECTS	CPM245	Computing Mathematics.
20 ECTS	CPS117	Software Design and Development.

Year 2

10 ECTS	BFP108	Introduction to Business.
10 ECTS	CFM212	Mathematics for Computing.
20 ECTS	CFS112	Writing Software.
20 ECTS	CFS143	Hardware and Networks.
20 ECTS	CFS187	Modeling and Prototyping.
20 ECTS	CFS223	Computing Science.
10 ECTS	CFT117	Skills in Interactive Learning.
10 ECTS	CFT217	Human Aspects of Computing.

Year 3

10 ECTS	CAM326	Mathematics for Software Engineering.
10 ECTS	CAP316	Professional Issues.
20 ECTS	CAS243	Object Oriented Systems Development.
20 ECTS	CAS344	Algorithm, Processes and Data.
10 ECTS	CAS367	Artificial Intelligence.
20 ECTS	CAS372	Introductory Database Management Systems.
10 ECTS	CAS436	Introduction to Formal Specifications.
10 ECTS	CAS455	Operating System.
10 ECTS	CAT306	Human Computer Interaction.

Year 4

10 ECTS	CAS1606	Information Systems Strategy.
40 ECTS	CAS524	Individual Project.
10 ECTS	CAS446	Computer Networks.
20 ECTS	CAS517	Large Systems Environment.
10 ECTS	CAS546	Distributed Systems.
10 ECTS	CAS625	Computer Graphics.
10 ECTS	CAS650	Artificial Neural Networks.
10 ECTS	CAS810	The study of Programming Languages.

INTERNSHIP

August	2002	6 weeks internship at WorldTelMeca, Karachi Pakistan.
April	2003	2 months internship at KIIT, Karachi Pakistan.

COMPUTER SKILLS

Operating Systems	Microsoft Windows family and Linux.
Programming Languages	C, C++, OCL, UML, CSP, Alloy, USE, Intermediate Java.
Applications	Microsoft Office, TEX (LATEX, BibTEX), Prezi, Adobe applications, and other word processing and presentation tools.
Networking	TCP, DNS, Dynamic routing, and other networking protocols.

HONORS, AWARDS, AND CERTIFICATES

February 201	Received Shield for best tutorial presentation in 4th International Multi Topic Conference (IMTIC 15) by Springer CCIS.
May 2012	Best Presenter Award Seminar UIA Malaysia.
April 2012	Won MOHE Malaysia Common Wealth Scholarship 2012.
February 2012	Bronze Medal for poster presentation 2012 at UIA Malaysia.
February 2012	Participation in postgraduate colloquium at UIA Malaysia
February 2011	Danish language certificate from Lærdansk, Odense, Denmark.
June 2009	Spanish language certificate from Generalitat de Catalunya, Barcelona, Spain.
April 2009	Research Grant from Internet Interdisciplinary Institute (IN3), Barcelona Spain.

SOCIAL SKILLS AND COMPETENCES

Ability to work individually and in a team.
Quality to adapt to multicultural environments.

LANGUAGE SKILLS

Sindhi	Mother Tongue
English	Fluent
Urdu	Fluent

Swedish	Basic
Danish	Basic
Spanish	Basic
Arabic	Moderate

OTHER INTERESTS

Traveling, Playing bowling, Playing snooker, Playing cricket and Reading.

REFERENCES

Uffe Kock Wiil

Professor

Maersk Mc-Kinney Moller Institute,
University of Southern Denmark.

Email: ukwiil@mmmi.sdu.dk

Phone: +45 60113565

Reda Alhaji

Professor

Department of Computer Science,
University of Calgary, Calgary, Alberta, Canada.

Email: rsalhaji@gmail.com

Phone: +001403-210-9453
