Resume
Dr Siffat Ullah Khan
Winner of Pakistan Academy of Sciences Research Award 2015 (Dr.M.N.Azam Prize 2015)/Gold Medal in Computer (Software)
Assistant Professor, Department of Computer Science & IT, University of Malakand, Pakistan
Email: siffatullah@uom.edu.pk, siffat7@yahoo.com

HEC Approved PhD Supervisor: http://sc.hec.gov.pk/aphds/submit.asp?supid=4292
Scopus profile: https://www.scopus.com/authid/detail.uri?authorId=35193944500

Web: http://www.linkedin.com/pub/dr-siffat-ullah-khan/12/964/11
http://uom.edu.pk/faculty/se/

Place of Birth: Kheru Khel Pakka, Lakki Marwat, Pakistan
Nationality: Pakistani
Mobile# 0092 345 9346744

_____

EDUCATION

- PhD: Computer Science (Specialization area: Software Engineering), Keele University, UK, 2011 (Thesis defence held on 15-Dec-2010, PhD degree awarded on 22-Jun-2011) **Funded by HEC (Pakistan) through UOM FDP Scholarship Scheme**
- MSc. Computer Science University of Peshawar, Pakistan (2000)
- BSc. Computer Science Gomal University, Pakistan (1998)

PROFESSIONAL TRAINING

- Quantitative Data Analysis using SPSS (Keele University, UK)
- Qualitative Data Analysis using NVivo (Keele University, UK)
- Scientific Writing (Keele University, UK)
- Systematic Literature Review (Keele University, UK)
- Presentation Skills (Keele University, UK)
- Core Research Training Module (Keele University, UK)
- Teaching International Students (Keele University, UK)
- Managing Research Relationship (Keele University, UK)
- A career as an Academic (Keele University, UK)
- Intellectual Property for Research (Keele University, UK)
- Time Management (Keele University, UK)
- Assertive Communication (Keele University, UK)
- Contributing Assertively to Meetings (Keele University, UK)
- Writing research proposals for funding (ICT, Pakistan)

EXPERIENCE SUMMARY:

Total Teaching/Research experience at university level = 15 years +

Teaching

- Teaching at undergraduate (BS), M.SC Computer and postgraduate levels (MS/PhD) at the Department of Computer Science & IT and Department of Software Engineering, University of Malakand: The various courses I taught include: Software Engineering, Empirical Software Engineering, Advanced Topics in Software Engineering, Software Engineering Aspects of Green

Computing, Formal methods in Software Engineering, Software Project Management, Professional Ethics, Software Security, Quantitative data analysis, Qualitative data analysis, Research methods, Systematic Literature Review, Database Management Systems (Oracle), Data Structure, Programming Languages.

- Curriculum development for BS-Software Engineering, DIT, PGDIT, MS and PhD (Computer/Software Engineering) courses

Research

- Research in the areas of Global software engineering/GSD, software outsourcing, cloud computing, Software quality metrics in GSD, Empirical software engineering, Requirements engineering, Knowledge sharing management, Web usability, Green computing/IT, Agile software development, embedded real-time systems, and Systematic literature review (SLR)
- Supervision of research (Honours, MS and PhD)
- Supervised 04 PhD and 08 M.Phil students in the area of Global Software Engineering, Cloud Computing and Software outsourcing, at the Department of Computer Science & IT, University of Malakand whereas supervision of other 02 M.Phil students are in progress.
- Research collaboration with academics and software industry
- Designing of research instrument
- Conducting of research highly required by software industry

Management/Administrative Experience/Curriculum Development

Apart from teaching/research I have undertaken the following management responsibilities at University of Malakand, Pakistan:

1. Head/Chairman, Department of Software Engineering, University of Malakand for 3 years (25-May-2011 to 17-April-2014).
2. Head/Chairman, Department of Computer Science & IT (Oct-2007 till Jan -2008)
3. Member of Advance Studies and Research Board (ASRB) at the University, for evaluation of research proposals, for 2 years, since January, 2011 to Jan, 2013)
4. Coordinator, M.Phil/MS and PhD programme, Deptt; of CS &IT, at University of Malakand, for developing MS/PhD curriculum from 14- Mar-2011to December 2013.
5. Member of Examination Discipline Committee (Appeal Committee), University of Malakand since April 2011
6. Convener of the Board of Studies, Department of Software Engineering, University of Malakand, from January, 2012 to 17-Apr-2014.
7. Member of the Board of Studies, Department of Computer Science & IT, University of Malakand, since February, 2012.
8. Member, Board of Faculty for IT, University of Malakand, since 2013.
9. Member, Graduate Studies Committee, for evaluation of research proposals, Department of Computer Science & IT, since 2013
10. Member, Scholarships and Fee concession committee, University of Malakand, since 2011
11. Member, Committee for Computerization/Campus Management Software, since 2013
12. Convener, Departmental Committee for monitoring and evaluation of M.Sc and BS final year software projects at Deptt: of Computer Science & IT, University of Malakand, since 17-Apr-2012
13. Warden, University Staff Hostel from 05-Sep-2012 to 20-Mar-2014.
14. Pioneer Warden, University Staff Hostel (2002-2004)
15. Member of Board of Studies as an Expert for developing curriculum for BS-Software Engineering, ICIT, Gomal University, D.I.Khan, Pakistan, from 04-Sep-2015 and onwards.

Apart from the above I also participated in the following committees from time to time at University of Malakand

1. Member of Proctorial board
2. Member of Examination UFM committee
3. Member of Gardening Committee
4. Convener of admission committee at Department of Computer Science and IT

5. Member of a committee for designing standard format for Research synopsis and dissertation at University of Malakand, notified on 16-Mar-2011
6. Member of Departmental Purchase Committee for University Staff Hostel in March, 2011

RESEARCH EXPERIENCE

Statement on research interests

I am an active researcher in the field of Global Software Engineering/Computer Science. I have great interests in empirically exploring and designing innovative processes in order to improve systems development in organisations. My research interests are: Global Software Development (GSD), software outsourcing, Cloud Computing, Green Computing, project management, empirical software engineering, process measurement, information systems development improvement, information systems quality, software process improvement, quality assurance, requirements engineering and evidence-based software engineering. I have developed software outsourcing vendors' readiness model (SOVRM) during my PhD at Keele University UK. Currently I am leading software engineering research group (SERG_UOM) at the university. Till date I have successfully supervised 04 PhD and 08 MPhil scholars whereas currently supervising 02 MPhil scholars. I am also a co-supervisor of various MPhil research students at KUST, NUST and Iqra University Islamabad.

Publications Summary

Venue	Total Number of Publications
Journals	54
Conferences	43
Books/Book Chapters	04
Technical Reports	03
Grand Total	104

Refereed Journals

1. **Siffat Ullah Khan** and Sikandar Ali (2017), Exploratory Study of Success Factors for Software Outsourcing Partnership from Vendor's Perspective, accepted with changes, Journal of Systems and Software. (Journal Impact Factor: 1.424, Publisher: Elsevier, Country: USA, ISI Indexed journal) (HEC recognized journal).
2. Nasir Rashid and **Siffat Ullah Khan** (2017), Using Agile Methods for the Development of Green and Sustainable Software: Success Factors for Vendors, accepted with suggested changes, Journal of IET Software. (Journal Impact Factor: 0.658, ISSN 1751-8806, Publisher: IEEE, Country: UK, ISI Indexed journal) (HEC recognized journal).
3. Muhammad Ilyas and **Siffat Ullah Khan** (2017), Software Integration in Global Software Development: Challenges for GSD Vendors, accepted with suggested changes, Journal of Software Evolution and Process (JSEP). (Journal Impact Factor: 0.729, Online ISSN: 2047-7481, Publisher: Wiley, ISI Indexed journal) (HEC recognized journal).
4. **Siffat Ullah Khan** and Abdul Wahid Khan (2016), Critical challenges in managing offshore software development outsourcing contract from vendors' perspectives, Journal of IET Software, DOI:10.1049/iet-sen.2015.0080, http://digital-library.theiet.org/content/journals/10.1049/iet-

sen.2015.0080 (Journal Impact Factor: 0.658, Publisher: IEEE, Country: UK, ISI Indexed journal) (HEC recognized journal)

5.   Mahmood Niazi, Sajjad Mahmood, Mohammad Alshayeb, Mohammed Rehan Riaz, Kanaan Faisal, **Siffat Ullah Khan** and Ita Richardson (2016), Challenges of Project Management in Global Software Development: A Client-Vendor Analysis, <u>Volume 80</u>, 2016, Pages 1–19, Information and Software Technology Journal (IST), http://www.sciencedirect.com/science/article/pii/S0950584916301227 . (Journal Impact Factor: 1.569, Publisher: Elsevier/ScienceDirect, Country: Netherlands, ISI Indexed journal) (HEC recognized journal)

6.   Sikandar Ali and **Siffat Ullah Khan** (2016), Software Outsourcing Partnership Model: An Evaluation Framework for Vendor Organisations, http://www.sciencedirect.com/science/article/pii/S016412121630019X Journal of Systems and Software, 117 (2016) pp.402-425. (Journal Impact Factor: 1.424, Publisher: Elsevier, Country: USA, ISI Indexed journal) (HEC recognized journal).

7.   **Siffat Ullah Khan** and Naeem Ullah (2016), Challenges in the Adoption of Hybrid Cloud: An Exploratory Study using Systematic Literature Review, IEEE IET Journal of Engineering (JoE), **Online ISSN** 2051-3305, 2016, doi: 10.1049/joe.2016.0089 http://ietdl.org/t/oh6gAb.

8.   **Siffat Ullah Khan** and Muhammad Ilyas Azeem (2014), Intercultural challenges in offshore software development outsourcing relationships: an exploratory study using a systematic literature review, Journal of IET Software, Volume 8, Issue 4, 2014, pp. 161-171. (Journal Impact Factor: 0.658, Publisher: IEEE, Country: UK, ISI Indexed journal) (HEC recognized journal).

9.   Abdul Wahid Khan and **Siffat Ullah Khan** (2013), Critical success factors in offshore software development outsourcing contract management from vendors' perspective: an exploratory study using a systematic literature review, Journal of IET Software, Volume 7, Issue 6, 2013, pp. 327-338. (Journal Impact Factor: 0.658, publisher: IEEE, Country: UK, ISI Indexed journal) (HEC recognized journal).

10.   Mahmood Niazi, Naveed Ikram, Muneera Bano, Salama Imtiaz and **Siffat Ullah Khan** (2013), Establishing trust in offshore software outsourcing relationships: an exploratory study using a systematic literature review, Journal of IET Software, Volume 7, Issue 5, October 2013, pp. 283-293. (Journal Impact Factor: 0.658, publisher: IEEE, Country: UK, ISI Indexed journal) (HEC recognized journal).

11.   **Siffat Ullah Khan**, Mahmood Niazi and Rashid Ahmad (2012), Empirical investigation of success factors for offshore software development outsourcing vendors, Journal of IET Software, Volume 6, Issue 1, pp. 1-15. (Journal Impact Factor: 0.658, publisher: IEEE, Country: UK, ISI Indexed journal) (HEC recognized journal).

12.   **Siffat Ullah Khan**, Mahmood Niazi and Rashid Ahmad (2011), Barriers in the selection of offshore software outsourcing vendors: an exploratory study using a systematic literature review, Information and Software Technology Journal, 53(7), 693-706. (Journal Impact Factor: 1.569, Publisher: Elsevier/ScienceDirect, Country: Netherlands, ISI Indexed journal) (HEC recognized journal).

13.   **Siffat Ullah Khan**, Mahmood Niazi and Rashid Ahmad (2011), Factors influencing clients in the selection of offshore software outsourcing vendors: an exploratory study using a systematic literature review, Journal of Systems and Software, 84(4), 686-699. (Journal Impact Factor: 1.32, Publisher: Elsevier/ScienceDirect, Country: USA, ISI Indexed journal) (HEC recognized journal).

14.   **Siffat Ullah Khan** and Naeem Ullah (2017), Best Practices for Clients in the Adoption of Hybrid Cloud Computing: Findings From Systematic Literature Review and Empirical Study, in press, Journal of Proceedings of the Pakistan Academy of Sciences: A Physical and Computational Sciences, 54(1), March, 2017. (HEC recognized journal)

15. Muhammad Ilyas and **Siffat Ullah Khan** (2016), Software Integration in Global Software Development: Challenges for GSD Vendors, Journal of Proceedings of the Pakistan Academy of Sciences: A Physical and Computational Sciences, 53(3), pp: 239–253, September, 2016, http://www.paspk.org/proceeding/proc-of-the-pas-a-53-no-2/ . (HEC recognized journal)

16. Muhammad Imran Khan, **Siffat Ullah Khan**, Abdul Wahid Khan and Iqbal Qasim (2016), Critical Barriers in Project Management Faced by Offshore Software Multi-Sourcing Vendors: A Detailed Study, Journal of Proceedings of the Pakistan Academy of Sciences: A Physical and Computational

Sciences, 53(3), pp: 239-253, September, 2016, http://www.paspk.org/proceeding/proc-of-the-pas-a-53-no-2/ . (HEC recognized journal)

17. Sikandar Ali and **Siffat Ullah Khan** (2016), Practices for implementation of the Critical Success Factors in Software Outsourcing Partnership from Vendors' Perspective: A Literature Review, Journal of Proceedings of the Pakistan Academy of Sciences: A Physical and Computational Sciences, 53(2), 145-162, June, 2016, http://www.paspk.org/proceeding/proc-of-the-pas-a-53-no-2/ . (HEC recognized journal).

18. **Siffat Ullah Khan** and Muhammad Ilyas Azeem (2016), Intercultural Challenges in Offshore Software Development Outsourcing Relationship: An Empirical Study, Journal of Proceedings of the Pakistan Academy of Sciences: A Physical and Computational Sciences, 53(1), 75-88, March 2016, http://www.paspk.org/proceeding/proc-of-the-pas-a-physical-and-computational-sciences/ . (HEC recognized journal)

19. Abdul Wahid Khan and **Siffat Ullah Khan** (2015), Solutions for Critical Challenges in Offshore Software Outsourcing Contract, Proceedings of Pakistan Academy of Sciences Journal, Volume 52 (4). Pp: 331–344, December 2015, http://www.paspk.org/Proceedings-of-the-PAS-39 . (HEC recognized journal)

20. **Siffat Ullah Khan** and Sikandar Ali (2015), Empirical Investigation of Success Factors for Establishing Software Outsourcing Partnership from Vendor's Perspective, Proceedings of Pakistan Academy of Sciences Journal, Volume 52 (4), pp: 315–328, December 2015, http://www.paspk.org/Proceedings-of-the-PAS-39 . (HEC recognized journal)

21. Rahmat Ullah Khan, **Siffat Ullah Khan**, Rafiq Ahmad Khan and Sikandar Ali (2015), Motivators in Green IT-outsourcing from Vendors Perspective: A Systematic Literature Review, Proceedings of Pakistan Academy of Sciences Journal, Volume 52 (4), pp: 345–360, December 2015, http://www.paspk.org/Proceedings-of-the-PAS-39 . (HEC recognized journal)

22. Nasir Rashid and **Siffat Ullah Khan** (2015), Green Agility for Global Software Development Vendors: A Systematic Literature Review Protocol, Proceedings of Pakistan Academy of Sciences Journal, Volume 52 (4), pp: 301–313, December 2015, http://www.paspk.org/Proceedings-of-the-PAS-39 . (HEC recognized journal)

23. Muhammad Salam and **Siffat Ullah Khan** (2015), Systematic Literature Review Protocol for Green Software Multi-Sourcing with Preliminary Results, Proceedings of Pakistan Academy of Sciences Journal, Volume 52 (4), pp: 285–300, December 2015, http://www.paspk.org/Proceedings-of-the-PAS-39 . (HEC recognized journal)

24. Rafiq Ahmad Khan, Junfeng Wang, Muhammad Arif, **Siffat Ullah Khan** and Muhammad Yazid Idris (2016), AN EXPLORATORY STUDY OF COMMUNICATION AND COORDINATION CHALLENGES IN OFFSHORE SOFTWARE DEVELOPMENT OUTSOURCING: RESULTS OF SYSTEMATIC LITERATURE REVIEW AND EMPIRICAL STUDY, Sci.Int.(Lahore),28(5),4819-4836, 2016, ISSN 1013-5316; CODEN: SINTE 8, Journal of Science International.

25. Muhammad Salam and **Siffat Ullah Khan** (2015), Systematic Literature Review (SLR) Protocol for Web Usability Management Model (WEB-UMM) From Customers' Perspective with Preliminary Results, Sci.Int.(Lahore),27(3), 2747-2758, 2015 ISSN 1013-5316; CODEN: SINTE 8, Journal of Science International.

26. Sadia Rehman and **Siffat Ullah Khan** (2014), Software Quality Attributes in Global Software Development: Initial Results, ISoRIS2014 Malaysia, special issue, International Journal of Science International, 26(4), pp: 1415-1419, 2014.

27. Abdul Wahid and **Siffat Ullah Khan** (2014), Factors influencing vendor's capability regarding offshore software outsourcing contract: A detail study using systematic literature review, ISoRIS2014 Malaysia, special issue, International Journal of Science International, 26(4), pp: 1409-1413, 2014.

28. Rafiq Ahmad Khan and **Siffat Ullah Khan** (2014), Communication and coordination challenges in offshore software development outsourcing relationship from vendors' perspective: A systematic literature review, ISoRIS2014 Malaysia, special issue, International Journal of Science International, 26(4), pp: 1425-1429, 2014.

29. Muhammad Salam and **Siffat Ullah Khan** (2014), Green Software Multi-sourcing readiness model (GSM-RM): A systematic literature review protocol, ISoRIS2014 Malaysia, special issue, International Journal of Science International, 26(4), pp: 1421-1424, 2014.

30.	Sikandar Ali and **Siffat Ullah Khan** (2014), Software Outsourcing Partnership (SOP) Model, ISoRIS2014 Malaysia, special issue, International Journal of Science International, 26(4), pp: 1437-1441, 2014.

31.	Hazrat Umar, **Siffat Ullah Khan** and Muhammad Waqar Aziz (2014), Design model for developers (DMD) in the context of Embedded Real Time Systems, ISoRIS2014 Malaysia, special issue, International Journal of Science International, 26(4), pp: 1443-1445, 2014.

32.	Irshad Ali and **Siffat Ullah Khan** (2014), "Usability of Agile Methods in Software Development Outsourcing: A Systematic Literature Review Protocol", ACP 2014, special edition, International Journal of Science International, 26(5), pp: 2023-2027, 2014.

33.	Nasir Rashid and **Siffat Ullah Khan** (2014), Green-Agile Maturity Model (GAMM) for Global Software Development (GSD) Vendors, ACP 2014, special edition, International Journal of Science International, 26(5), pp: 2041-2043, 2014.

34.	Muhammad Yaseen, **Siffat Ullah Khan** and Asad Ullah Alam (2013), Software multi-sourcing risks management from vendors' perspective: A systematic literature review protocol, Vol: 29, Issue: 2, Dec 2013, Gomal University Journal of Research, Pakistan. (HEC recognized journal, ISSN 1019-8180)

35.	Rafiq Ahmad Khan and **Siffat Ullah Khan** (2014), Communication and coordination challenges in offshore software outsourcing relationships: A systematic literature review protocol, Vol: 30, Issue: 1, June 2014, Gomal University Journal of Research, Pakistan. (HEC recognized journal, ISSN 1019-8180)

36.	Muhammad Salam and **Siffat Ullah Khan** (2016), Identification of Practices for Green Software Development in Multi-Sourced Project: A Systematic Literature Review Protocol, International Journal of Computer Applications, NY, USA, Volume 141, Number 8, IJCA May 2016 Edition, http://www.ijcaonline.org/archives/volume141/number8/24807-2016909712

37.	**Siffat Ullah Khan** and Asad Ullah Alam (2012), Knowledge Sharing Management Model (KSMM) for Software Development Outsourcing Vendors, International Journal of Advanced Science and Technology, (IJAST), ISSN: 2005-4238 http://www.sersc.org/journals/IJAST/, Volume 45, August 2012, pp. 135-144. (Journal Impact Factor: Nil, publisher: SERSC, Country: Australia, Non-ISI Indexed journal)

38.	Muhammad Ilyas and **Siffat Ullah Khan** (2017), Software Integration Challenges for GSD Vendors: An exploratory study using a systematic literature review, Journal of Computers, ISSN: 196-203X, www.jcomputers.us/ , Vol. 12, No.5, September, 2017.

39.	Nasir Rashid and **Siffat Ullah Khan** (2016), IDENTIFICATION OF PRACTICES FOR THE DEVELOPMENT OF GREEN AND SUSTAINABLE SOFTWARE USING AGILE METHODS IN GSD PROJECTS: A SYSTEMATIC LITERATURE REVIEW PROTOCOL, Journal of Multidisciplinary Engineering Science and Technology (JMEST) ISSN : 2458-9403, www.jmest.org , Volume. 3, Issue. 5 May – 2016.

40.	Muhammad Ilyas Azeem, **Siffat Ullah Khan,** Abdul Wahid and Muhammad Ilyas (2012), Intercultural Challenges in offshore Software Development Outsourcing Relationships: A Systematic Literature Review Protocol with Preliminary Results, International Journal of Advanced Science and Technology, (IJAST), ISSN: 2005-4238 http://www.sersc.org/journals/IJAST/. (Journal Impact Factor: Nil, publisher: SERSC, Country: Australia, Non-ISI Indexed journal)

41.	Muhammad Ilyas Azeem and **Siffat Ullah Khan** (2012), Intercultural Challenges Mitigation Model for offshore Software Development Outsourcing Vendors, International Journal of Advanced Science and Technology, (IJAST), ISSN: 2005-4238 http://www.sersc.org/journals/IJAST/. (Journal Impact Factor: Nil, publisher: SERSC, Country: Australia, Non-ISI Indexed journal)

42.	Asad Ullah Alam, **Siffat Ullah Khan** and Irshad Ali (2012), Knowledge Sharing Management Risks in Outsourcing from various continents perspective: a systematic literature review, International Journal of Digital Content Technology and its Applications (JDCTA) ISSN: 1975-9339, Vol:6, Issue Number:21, pp. 27-33, Nov 30, 2012. (Journal Impact Factor: Nil, publisher:, Country: Korea, Non-ISI Indexed journal)

43.	Sikandar Ali and **Siffat Ullah Khan** (2014), Software Outsourcing Partnership (SOP): A Systematic Literature Review Protocol with Preliminary Results, International Journal of Hybrid Information Technology (IJHIT), Vol: 7, Issue Number: 4, pp. 377-392, 2014. (Journal Impact Factor: Nil, publisher: SERSC, Country: Australia, Non-ISI Indexed journal)

44.	Abdul Wahid Khan, **Siffat Ullah Khan**, Muhammad Ilyas Azeem and Muhammad Ilyas Khan (2012), A literature survey on data privacy/protection issues and challenges in cloud computing, IOSR Journal of Computer Engineering (IOSRJCE), ISSN: 2278-0661, Volume 1, Issue 3, (May-June 2012) pp.28-36. (Journal Impact Factor: Nil, publisher: IOSR, Country: India, Non-ISI Indexed journal)

45.	Muhammad Ilyas and **Siffat Ullah Khan** (2012), Software integration challenges in global software development environment: A systematic literature review protocol, IOSR Journal of Computer Engineering (IOSRJCE), ISSN: 2278-0661, Volume 1, Issue 6 (July-Aug. 2012), pp. 29-38. (Journal Impact Factor: Nil, publisher: IOSR, Country: India, Non-ISI Indexed journal)

46.	Sikandar Ali and **Siffat Ullah Khan** (2012), Systematic literature review protocol for software outsourcing partnership, IOSR Journal of Computer Engineering (IOSRJCE), ISSN: 2278-0661, Volume 2, Issue 1 (July-Aug. 2012), pp. 08-18. (Journal Impact Factor: Nil, publisher: IOSR, Country: India, Non-ISI Indexed journal)

47.	Sadia Rehman and **Siffat Ullah Khan** (2012), SWOT analysis of software quality metrics for global software development: A systematic literature review protocol, IOSR Journal of Computer Engineering (IOSRJCE), ISSN: 2278-0661, Volume 2, Issue 1(July-Aug. 2012), pp. 1-7. (Journal Impact Factor: Nil, publisher: IOSR, Country: India, Non-ISI Indexed journal)

48.	Ihsan Rabbi, Sehatullah and **Siffat Ullah Khan** (2012), Augmented Reality Tracking Techniques: A Systematic Literature Review Protocol, IOSR Journal of Computer Engineering (IOSRJCE), ISSN: 2278-0661, Volume 2, Issue 2 (July-Aug. 2012), pp. 23-29. (Journal Impact Factor: Nil, publisher: IOSR, Country: India, Non-ISI Indexed journal)

49.	Muhib Ullah and **Siffat Ullah Khan** (2012), Challenges and success factors in mobile commerce customer relationships management: A systematic literature review protocol, IOSR Journal of Computer Engineering (IOSRJCE), ISSN: 2278-0661, Volume 2, Issue 3 (Jul-Aug. 2012), pp. 25-34. (Journal Impact Factor: Nil, publisher: IOSR, Country: India, Non-ISI Indexed journal)

50.	Abdul Wahid Khan and **Siffat Ullah Khan** (2012), Offshore software development outsourcing contract from vendors perspective: A systematic literature review protocol, IOSR Journal of Computer Engineering (IOSRJCE), ISSN: 2278-0661, Volume 2, Issue 3 (Jul-Aug. 2012). (Journal Impact Factor: Nil, publisher: IOSR, Country: India, Non-ISI Indexed journal)

51.	Muhammad Salam and **Siffat Ullah Khan** (2012), Software Development Multi-Sourcing Relationship Management Model (SDMRMM) Protocol (A Systematic Literature Review), IOSR Journal of Computer Engineering (IOSRJCE), ISSN: 2278-0661, Volume 3, Issue 2 (Jul-Aug. 2012), pp. 24-31. (Journal Impact Factor: Nil, publisher: IOSR, Country: India, Non-ISI Indexed journal)

52.	Nasir Rashid and **Siffat Ullah Khan** (2012), Offshore Country Selection Risk Management Model: Systematic Literature Review Protocol, IOSR Journal of Computer Engineering (IOSRJCE), ISSN: 2278-0661, Volume 3, Issue 4 (Jul-Aug. 2012), pp. 46-55. (Journal Impact Factor: Nil, publisher: IOSR, Country: India, Non-ISI Indexed journal)

53.	Asad Khan Noroz, **Siffat Ullah Khan**, Asad Ullah Alam and Shahab Uddin Alam (2012), Multi-sourcing human resource management from vendor's perspective: A systematic literature review protocol, IOSR Journal of Computer Engineering (IOSRJCE). (Journal Impact Factor: Nil, publisher: IOSR, Country: India, Non-ISI Indexed journal)

54.	Salman Akbar, **Siffat Ullah Khan**, Asad Ullah Alam and Shahab Uddin Alam (2012), Portfolio cost management in offshore software outsourcing relationships from vendor's perspective: A systematic literature review protocol, IOSR Journal of Computer Engineering (IOSRJCE). (Journal Impact Factor: Nil, publisher: IOSR, Country: India, Non-ISI Indexed journal) Muhammad Arif, **Siffat Ullah Khan** and Asad Ullah Alam (2014), Migration to cloud computing: A proposed model, VAWKUM Transaction on Computer Sciences, http://vfast.org/index.php/VTCS@ 2013 ISSN: 2308-8168 Volume 3, Number 2 March-April, 2014 pp. 62–67. (Non-ISI Indexed journal)

Refereed Conferences

55. Muhammad Salam and **Siffat Ullah Khan** (2016), Developing Green and Sustainable Software: Success Factors for Vendors, 7th IEEE International Conference on Software Engineering and

Service Science (ICSESS 2016), August 26-28, 2016, Beijing, China, http://www.icsess.org/ , http://www.icsess.org/proceedings.pdf .

56. Muhammad Ilyas and **Siffat Ullah Khan** (2016), Practices for software integration success factors in GSD environment, 15th IEEE/ACIS International Conference on Computer and Information Science, ICIS 2016, IEEE 2016, ISBN978-1-5090-0806-3, June 26-29, 2016 Okayama, Japan

57. Nasir Rashid and **Siffat Ullah Khan** (2016), Developing Green and Sustainable Software using Agile Methods in Global Software Development: Risk Factors for Vendors, 11th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2016), 27-28 April, 2016, Rome, Italy, http://www.enase.org/ .

58. Muhammad Ilyas and **Siffat Ullah Khan** (2016), Software Integration Challenges for GSD Vendors: An Exploratory Study using a Systematic Literature Reviews, The 2nd International Conference on Computer and Information Technology (ICCIT 2016) April 11-12, 2016 Istanbul, Turkey.

59. Rafiq Ahmad Khan and **Siffat Ullah Khan** and Mahmood Niazi (2015), Communication and Coordination Challenges Mitigation in Offshore Software Development Outsourcing Relationships: Findings from Systematic Literature Review, The 10th International Conference on Software Engineering Advances (ICSEA 2015), http://www.iaria.org/conferences2015/ICSEA15.html , November 15-20, 2015, pp: 45-51, available at the link: http://www.thinkmind.org/index.php?view=article&articleid=icsea_2015_2_30_10045, Barcelona, Spain.

60. Muhammad Ilyas and **Siffat Ullah Khan** (2015), Software Integration in Global Software Development: Success Factors for GSD Vendors, IEEE The 16th International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2015), June 1-3, 2015, Takamatsu, Japan.

61. Muhammad Yaseen, Samad Baseer, Sikandar Ali, **Siffat Ullah Khan**, and Abdullah (2015), Requirement Implementation Model (RIM) in the context of Global Software Development, IEEE International Conference, (ICICT 2015), 12-13 December, 2015, IBA, Karachi, Pakistan.

62. Rafiq Ahmad Khan and **Siffat Ullah Khan** (2015) "Systematic Literature Review Protocol for the Identification of Practices for Addressing Communication and Coordination Challenges in Software Outsourcing Relationships from Vendors' Perspectives", accepted for publication, 1st Multi-Disciplinary Research Conference (MDRC-2015) September 12th 2015.

63. Sikandar Ali and **Siffat Ullah Khan** (2015) "Systematic Literature Review Protocol for the Identification of Practices for Success Factors in Software Outsourcing Partnership", accepted for publication, 1st Multi-Disciplinary Research Conference (MDRC-2015) September 12th 2015.

64. Rafiq Ahmad Khan and **Siffat Ullah Khan** (2015), A Survey Based Study on Communication and Coordination Challenges in Offshore Software Development Outsourcing Relationships from Vendors' Perspective, Proceedings of 4th International Multi Topic Conference (IMTIC-15). Sindh University Hyderabad, Pakistan. ISBN: 978-969-880-32-9, 2015.

65. Muhammad Yaseen, **Siffat Ullah Khan**, Qadeem Khan, Abdul Wahid and Asad Ullah Alam (2015), Risks in software multi-sourcing relationship from vendors' perspective: A systematic literature review, Proceedings of 4th International Multi Topic Conference (IMTIC-15). Sindh University Hyderabad, Pakistan. ISBN: 978-969-880-32-9, 2015.

66. Khan, S. U, A. W. Khan, M. Yaseen and A. Habib (2015) "Solutions in Multisourcing Risk Relationship Management: A Systematic Literature Review." Proceedings of 4th International Multi Topic Conference (IMTIC-15). Sindh University Hyderabad, Pakistan. ISBN: 978-969-880-32-9, 2015.

67. Muhammad Ilyas Azeem, **Siffat Ullah Khan** and Abdul Wahid Khan (2015), Analyses of intercultural challenges in offshore software development outsourcing relationships based on continent and company size, , Proceedings of 4th International Multi Topic Conference (IMTIC-15). Sindh University Hyderabad, Pakistan. ISBN: 978-969880-32-9, 2015.

68. Abdul Wahid Khan and **Siffat Ullah Khan** (2015), Systematic Literature Review Protocol for the identification of Practices in Software Outsourcing Contract, Proceedings of 4th International Multi Topic Conference (IMTIC-15). Sindh University Hyderabad, Pakistan. ISBN: 978-969880-32-9, 2015.

69. Khan, S. U., A. W. Khan and A. U. Alam (2015) "Key Factors for Software Outsourcing Vendors in Addressing Knowledge Sharing Management Activities in the context of Outsourcing Relationships: A Systematic Literature Review." Proceedings of 4th International Multi Topic Conference (IMTIC-15). Sindh University Hyderabad, Pakistan. ISBN: 978-969-880-32-9, 2015.

70. Naeem Ullah and **Siffat Ullah Khan** (2014), Challenges in the adoption of Hybrid cloud: Preliminary results from a systematic literature review, IEEE 21st International Asia-Pacific Software Engineering Conference (APSEC 2014), pp: 230-237,1st to 4th Dec, 2014, Jeju, Korea.

71. Sikandar Ali and **Siffat Ullah Khan** (2014), Critical success factors for software outsourcing partnership: A systematic literature review, IEEE 9th International Conference on Global Software Engineering (ICGSE 2014), pp: 153-162, August 18-21, 2014, Shanghai, China.

72. Muhammad Salam and **Siffat Ullah Khan** (2014), Green Software Multi-sourcing readiness model (GSM-RM) from vendors' perspective, accepted for publication, International Symposium on Research Innovation and Sustainability, ISoRIS'14, http://isoris14.utem.edu.my/2-uncategorised/5-welcome-to-isoris-14, October 15-16, 2014, Malacca, Malaysia.

73. Rafiq Ahmad Khan and **Siffat Ullah Khan** (2014), Communication and coordination challenges in offshore software development outsourcing relationship from vendors' perspective: Preliminary findings of the systematic literature review, International Symposium on Research Innovation and Sustainability, ISoRIS'14, http://isoris14.utem.edu.my/2-uncategorised/5-welcome-to-isoris-14, October 15-16, 2014, Malacca, Malaysia.

74. Irshad Ali and **Siffat Ullah Khan** (2014), "Usability of Agile Methods in Software Development Outsourcing: A Systematic Literature Review Protocol", The 1st Agile Conference Pakistan (ACP 2014), 18th Oct 2014, Islamabad, Pakistan.

75. Nasir Rashid and **Siffat Ullah Khan** (2014), Green-Agile Maturity Model (GAMM) for Global Software Development (GSD) Vendors, The 1st Agile Conference Pakistan (ACP 2014), 18th Oct 2014, Islamabad, Pakistan.

76. Naeem Ullah and **Siffat Ullah Khan** (2014), Hybrid cloud computing: A systematic literature review protocol, 1st National Conference on Mathematical Sciences, University of Malakand, September 2-4, 2014, University of Malakand, Pakistan.

77. Salman Akbar, Sher Afzal Khan, **Siffat Ullah Khan** and Asad Ullah Alam (2014), Portfolio cost management in the context of offshore software development outsourcing relationships from vendor's perspective: Preliminary findings of the systematic literature review, 2nd International Conference on Computational and Social Sciences (ICCSS 2014), *http://www.iccss.vfast.org@ 2014, August 26-28, 2014, Recep Tayyip Erdoğan University, Rize, Turkey.*

78. Abdul Wahid Khan and **Siffat Ullah Khan** (2014), Critical risks in execution of offshore software outsourcing contract from vendors' perspective: A systematic literature review, Proceedings of the IEEE 5th International Conference on Information and Communication Systems (ICICS 2014), pp: 1-6, April 1-3, 2014 Irbid, Jordan.

79. Rahmat Ullah Khan and **Siffat Ullah Khan** (2013), Green IT-outsourcing Assurance Model, IEEE 8th International Conference on Global Software Engineering (ICGSE 2013) Workshops, August 26-29, 2013, DOI 10.1109/ICGSEW.2013.19, pp: 85-87, Bari, Italy.

80. Muhammad Salam and **Siffat Ullah Khan** (2013), Web usability management model (WEB-UMM) from customer's perspective, The 7th Malaysian Software Engineering Conference http://seminar.utmspace.edu.my/mysec2013/Default.html, Proceeding of Software Engineering Postgraduates Workshop (SEPoW 2013), pp: 109-113, November 19, 2013, Melaka, Malaysia.

81. Nasir Rashid and **Siffat Ullah Khan** (2013), Software Re-engineering risk management model (SRE-RMM) from customer's perspective, The 7th Malaysian Software Engineering Conference http://seminar.utmspace.edu.my/mysec2013/Default.html, Proceeding of Software Engineering Postgraduates Workshop (SEPoW 2013), pp: 76-80, November 19, 2013, Melaka, Malaysia.

82. Sadia Rehman and **Siffat Ullah Khan** (2013), Software Quality Assessment Model for Global Software Development (SQAM-GSD), The 7th Malaysian Software Engineering Conference http://seminar.utmspace.edu.my/mysec2013/Default.html, Proceeding of Software Engineering Postgraduates Workshop (SEPoW 2013), pp: 104-108, November 19, 2013, Melaka, Malaysia.

83. Muhib Ullah and **Siffat Ullah Khan** (2013), Mobile Commerce Customer Relationships Management Model (MCCRMM), The 7th Malaysian Software Engineering Conference http://seminar.utmspace.edu.my/mysec2013/Default.html, Proceeding of Software Engineering Postgraduates Workshop (SEPoW 2013), pp: 72-75, November 19, 2013, Melaka, Malaysia.

84. Irshad Ali, **Siffat Ullah Khan** and Asad Ullah Alam (2013), Agile Software Outsourcing Model (ASOM), The 5th International Conference on Internet (ICONI 2013), Agile Symposium, December 12, 2013, Thailand.

85. Muhammad Arif, **Siffat Ullah Khan** and Asad Ullah Alam (2013), Traditional business migration to Cloud Computing from vendor's perspective: A systematic literature review protocol, The 5th International Conference on Internet (ICONI 2013), Agile Symposium, December 12, 2013, Thailand.

86. Muhammad Ilyas and **Siffat Ullah Khan** (2012), Software Integration Model for Global Software Development, IEEE International Multitopic Conference INMIC 2012, December 13-15, 2012, Islamabad, Pakistan.

87. **Siffat Ullah Khan** and Mahmood Niazi (2012), Critical Challenges in Offshore Software Development Outsourcing: An Empirical Study, IASTED International Conference on Software Engineering, June 18-20, 2012, Crete, Greece.

88. Abdul Wahid Khan and **Siffat Ullah Khan** (2012), Outsourcing contract management model, Doctoral Symposium, 13th International conference on Product-Focused Software Development and Process Improvement (Profes 2012), pp.27-35, June 13-15, 2012 Madrid, Spain.

89. Muhammad Ilyas Azeem and **Siffat Ullah Khan** (2011), Intercultural challenges in offshore software development outsourcing relationships: A systematic literature review protocol, IEEE 5th Malaysian Conference in Software Engineering (MySEC11), pp: 475-480, December 13-14, 2011, UTM, Malaysia.

90. Asad Ullah Alam and **Siffat Ullah Khan** (2011), Knowledge sharing management in offshore software development outsourcing relationships from vendors' perspective: A systematic literature review protocol, IEEE 5th Malaysian Conference in Software Engineering (MySEC11), pp: 469-474, December 13-14, 2011, UTM, Malaysia.

91. **Siffat Ullah Khan**, Mahmood Niazi, Rashid Ahmad (2010), Critical Success Factors for Offshore Software Development Outsourcing Vendors: An Empirical Study, the 11th International Conference on Product Focused Software Development and Process Improvement (*PROFES 2010*), June 21-23, 2010, Limerick, Ireland.

92. **Siffat Ullah Khan** and Mahmood Niazi (2010), A preliminary structure of software outsourcing vendors' readiness model, Doctoral symposium at the 11th International Conference on Product Focused Software Development and Process Improvement (*PROFES 2010*), Limerick, Ireland, June 21-23, 2010, Limerick, Ireland.

93. **Siffat Ullah Khan**, Mahmood Niazi and Naveed Ikram (2010), Software Development Outsourcing Relationships Trust: A Systematic Literature Review Protocol, 14th International Conference on Evaluation and Assessment in Software Engineering (EASE 2010), April 12-13, 2010, Keele, UK.

94. **Siffat Ullah Khan**, Mahmood Niazi and Rashid Ahmad (2009), Critical Barriers for Offshore Software Development Outsourcing Vendors: A Systematic Literature Review, IEEE 16th Asia Pacific Conference on Software Engineering (APSEC 2009), December 1st-3rd, 2009, Penang, Malaysia.

95. **Siffat Ullah Khan**, Mahmood Niazi and Rashid Ahmad (2009), Critical Success Factors for Offshore Software Development Outsourcing Vendors: A Systematic Literature Review, IEEE 4th International Conference on Global Software Engineering (ICGSE 2009), July 13-16, 2009, Limerick, Ireland.

96. **Siffat Ullah Khan**, Mahmood Niazi and Rashid Ahmad (2008), A Systematic Literature Review Protocol for a Software Outsourcing Vendors Readiness Model (SOVRM), International Conference on Information and Communication Technologies, August 27th, 2008, Bannu, Pakistan.

97. **Siffat Ullah Khan**, Mahmood Niazi and Rashid Ahmad (2008), A Readiness Model for Software Development Outsourcing Vendors, Doctoral Symposium, IEEE 3rd International Conference on Global Software Engineering (ICGSE 2008), August 17-20, 2008, Bangalore, India.

Technical reports and other publications

98. **Siffat Ullah Khan**, Mahmood Niazi (2008), Systematic Literature Review Protocol for Software Outsourcing Vendors Readiness Model, Technical Report: TR/08-01, Keele University, UK.

99. **Siffat Ullah Khan** and Mahmood Niazi (2010), An Analysis of software outsourcing practitioners' perceptions on success factors for offshore software outsourcing vendors: Keele Research symposium, 2010, Keele University, UK.

100. **Siffat Ullah Khan**, Mahmood Niazi and Naveed Ikram (2009), Software Development Outsourcing Relationships Trust: A Systematic Literature Review Protocol, Technical Report: TR/2009-01, Keele University, UK.

101. **Siffat Ullah Khan**, Mahmood Niazi (2008), Systematic Literature Review Protocol for Software Outsourcing Vendors Readiness Model, Technical Report: TR/08-01, Keele University, UK.

Books Publications

102. Asad Ullah Alam and **Siffat Ullah Khan (2013),** Knowledge Sharing Management in Software Outsourcing Projects: A Systematic Literature Review, LAP LAMBERT Academic Publishing (2013-10-17) - ISBN-13: 978-3-659-47451-4, LAP Lambert publishers, Germany. https://www.morebooks.de/store/gb/book/knowledge-sharing-management-in-software-outsourcing-projects/isbn/978-3-659-47451-4

103. Muhammad Ilyas Azeem and **Siffat Ullah Khan (2013),** Intercultural challenges in OSDO Relationships: A Systematic Literature Review, LAP LAMBERT Academic Publishing (2013-12-25) - ISBN-13: 978-3-659-48214-4, LAP Lambert publishers, Germany https://www.morebooks.de/store/gb/book/intercultural-challenges-in-osdo-relationships/isbn/978-3-659-48214-4

104. Salman Akbar, Asad Ullah Alam and **Siffat Ullah Khan (2015),** Portfolio Cost Management in Offshore Software Development Outsourcing: A Systematic Literature Review, LAP LAMBERT Academic Publishing (2015-12-07) - ISBN-13: 978-3-659-80376-5, LAP Lambert publishers, Germany. https://www.morebooks.de/store/gb/book/portfolio-cost-management-in-offshore-software-development-outsourcing/isbn/978-3-659-80376-5

105. **Siffat Ullah Khan** and Mahmood Niazi (2010), Critical Success Factors for Offshore Software Development Outsourcing Vendors: An Empirical Study, Book Chapter, Product-Focused Software Process Improvement, LNCS 2010, Volume: 6156/2010, 146-160, publisher: Springer.

Research supervision

- I am HEC Approved PhD Supervisor, link available at: http://sc.hec.gov.pk/aphds/submit.asp?supid=4292
- I am leading Software Engineering Research Group (SERG_UOM) at University of Malakand. SERG_UOM was founded/established by me in January, 2011.
- Supervised successfully 04 PhD and 08 M.Phil students in the area of Global Software Engineering at the Department of Computer Science & IT, University of Malakand. Similarly currently supervising another 02 M.Phil research scholars.
- I have examined (external examiner) two MPhil theses in Computer Science at University of Peshawar and Gomal University.
- Co-supervisor of various MS students at KUST, NUST and Iqra University Islamabad.
- I have supervised many research projects and information systems development projects at University of Malakand.

PhD Thesis Supervised

I have successfully supervised 04 PhD scholars at University Malakand. One of these scholars was HEC indigenous scholarship Awardee and has successfully earned his PhD degree, whereas the rest have submitted their theses and currently in the examination process. The names of these PhD scholars, I have supervised so far, are listed below:

1. Abdul Wahid Khan (Thesis Title: Outsourcing Contract Management Model, session: 2012-2016)
2. Muhammad Salam (Thesis Title: Green Software Multi-Sourcing Readiness Model for Vendors, session: 2011-2016)
3. Nasir Rashid (Thesis Title: Green Agile Maturity Model for Global Software Development Vendors, Session: 2012-2016)
4. Muhammad Ilyas (Thesis Title: Software Integration Model for Global Software Development, Session: 2012- 2016)

MPhil Thesis Supervised

I have successfully supervised 08 MPhil scholars at University Malakand. All of these students have **successfully earned their MPhil degrees**. The names of these MPhil scholars , are listed below:

1. Rafiq Ahmad Khan (Thesis Title: Communication and Coordination Challenges Mitigation for Offshore Software Development Outsourcing Vendors, Degree awarded in 2015)
2. Muhammad Ilyas Azeem (Thesis Title: Intercultural Challenge Mitigation Model for Offshore Software Development Outsourcing Vendors, Degree awarded in 2016)
3. Sikandar Ali (Thesis Title: Software Outsourcing Partnership Model, Degree awarded in 2016)
4. Naeem Ullah (Thesis Title: Hybrid Cloud Adoption Assessment Model, Degree awarded in 2016)
5. Irshad Ali (Thesis Title: Agile Software Outsourcing Model, Degree awarded in 2016)
6. Muhib Ullah (Thesis Title: Mobile Commerce Customers Relationships Management Model, Degree awarded in 2016)
7. Sadia (Thesis Title: Software Quality Assessment Model for Global Software Development, Degree awarded in 2016)
8. Hazrat Umar (Thesis Title: Design Model for Developers in the context of Embedded Real Time Systems, Degree awarded in 2016)

Funded Research Projects

I have submitted a research project for funding to HEC, which may be approved in the next 2-3 months.

Awards/grants received

- National Research Award (Dr.M.N.Azam Prize/Gold Medal) in Computer (Software) 2015 by Pakistan Academy of Sciences.
- The Vice Chancellor University of Malakand has honored me with the remarks/title of Role Model for young researchers. These remarks have been published in the Daily Mashriq, dated 15-Nov-2015 and also in the UOM 21st Issue of the Newsletter (copy attached).
- HEC Pakistan, FDP scholarship for PhD studies at Keele UK, Jan-2008 to Dec-2010
- HEC Pakistan, Travel Grant for research paper presentation, 18-21 Aug-2014, at Shanghai, China.
- HEC Pakistan, Travel Grant for research paper presentation at Limerick, Ireland.

National and international reputation in the field

I am HEC Approved PhD Supervisor, link available at: http://sc.hec.gov.pk/aphds/submit.asp?supid=4292

I am actively contributing to an academic community and my work has been recognised internationally.

My Google Profile is available at the following link, which shows the citations to my articles and h-index.

http://scholar.google.com.pk/citations?user=y261wGIAAAAJ&hl=en

http://www.linkedin.com/pub/dr-siffat-ullah-khan/12/964/11

In addition, I am/was an active member of the program/review committee for each of the following conferences/journals:

- Journal of Systems and Software (JSS)
- Journal of IET Software
- Journal of Software: Evolution and Process (JSEP)
- Journal of SpringerPlus, http://www.springerplus.com/
- Journal of Computer Standards & Interfaces
- Journal of Information, http://www.pakinsight.com/?ic=aimandscope&journal=104
- Journal of Digital Content Technology and its Applications (http://www.aicit.org/jdcta/)
- Journal of Science and Technology, University of Peshawar, Pakistan.
- AFRICAN JOURNAL OF BUSINESS MANAGEMENT, www.academicjournals.org, July, 2013
- Journal of Software Engineering and Application (JSEA), Scientific Research Publishing, Dec, 2016
- Technical Program Committee member of the International Conference on ICTs, UST-Bannu (2008), Pakistan
- Technical Program Committee member of the 5th Malaysian Software Engineering Conference, MySEC'2011, Malaysia (http://seminar.utmspace.utm.my/mysec2011/Committe.html)
- Technical Program Committee member of the 15th IEEE International Multi Topic Conference (INMIC), December 13-15, 2012, Islamabad, Pakistan.
- Technical Program Committee member of the 6th Malaysian Software Engineering Conference, MySEC'2012, Malaysia
- Technical Program Committee member of the IEEE 8th International Conference on Digital Information Management (ICDIM 2013), September 10-12, 2013, Islamabad, Pakistan.
- Technical Program Committee member of the IEEE 12th International Conference on Frontiers of Information Technology (FIT 2014), December 17-19, Islamabad, Pakistan.
- Technical Program Committee member of the 2015 Americas Conference on Information Systems (AMCIS), Puerto Rico, Aug 13-15, 2015.
- Technical Program Committee member of the IEEE 13th International Conference on Frontiers of Information Technology (FIT 2015), December 14-16, Islamabad, Pakistan.
- Technical Program Committee member of the 5th International Conference on Software and Information Engineering, http://www.icsie.org/index.html ICSIE, May 11-13, 2016, Tokyo, Japan.
- Technical Program Committee member of the IEEE International Conference on Software Engineering and Knowledge Discovery (ICSEKD2016), http://iares.net/SoftwareEng, September 22-24, 2016, Agadir, Morocco.
- Technical Program Committee member of the IEEE International Conference on Communication, Computing and Digital Systems (C-COD 2017), http://ccode.bahria.edu.pk/ , March 8-9, 2017, Islamabad, Pakistan.

COLLABORATION WITH RESEARCHERS AND COLLEAGUES

I retain close ties with researchers in Software Engineering area. Currently I am collaborating with Umm Al-Qura University (UQU), Makkah, Saudi Arabia, KFUPM Saudi Arabia, University of Limerick Ireland, Cambridge University, Keele University UK, NICTA Australia, AUT NewZealand, UTM Malaysia, China University of Petroleum, Beijing, COMSATS Islamabad, NUST Pakistan, Kohat University of Science & Technology (KUST) Pakistan, International Islamic University, Pakistan, UST Bannu, Riphah International University, Pakistan, AWKUM Pakistan, Iqra university Islamabad. Further, I am leading the Software Engineering Research Group (SERG_UOM) at University of Malakand since January, 2011.

I am collaborating as Advisory Committee Member at SEES Labs, Science and Technology Unit, Umm Al-Qura University (UQU), 21955, Makkah, Saudi Arabia.

CAREER HISTORY

1. Department of Computer Science & IT, University of Malakand, PAKISTAN (01-July-2007 to date)

   Position: Assistant Professor

2. Department of Software Engineering, University of Malakand, PAKISTAN (25-May-2011 to 17-April-2014)

   Position: Incharge/Chairman

3. Department of Computer Science & IT, University of Malakand, PAKISTAN (01-December-2001 to 30-June-2007)

   Position: Lecturer

4. School of Computing, Keele university, UK (January, 2008 to December, 2010, HEC FDP scholarship awardee, on study leave (without pay) from Malakand University for the period)

   Position: PhD research student (on full time basis). I have developed software outsourcing vendors' readiness model (SOVRM) during my PhD.

REFEREES

1. Name: Dr Mahmood Niazi (PhD Supervisor at Keele UK)
   Address: Associate Professor, Department of Information and Computer Science, King Fahd University of Petroleum and Minerals, Saudi Arabia
   mkniazi@kfupm.edu.sa
   School of Computing, Keele University, ST5 5BG, UK.
   m.k.niazi@cs.keele.ac.uk,

2. Name: Prof.S.M.Deen
   Address: School of Computing, Keele University, ST5 5BG, UK.
   Email: s.m.deen@cs.keele.ac.uk

3. Name: Dr Abdul Wahid Khan
   Address: Asstt. Professor in Computer Science, University of Science and Technology, Bannu, Pakistan.
   Email: wahidkn@gmail.com

4. Name: Mr Asad Ullah Alam
   Address: Software Engineering Research Group, University of Malakand, Pakistan, IT Officer Cherat Cement Factory, Pakistan.
   Email: khansony10@yahoo.com