

Curriculum Vitae

PERSONAL INFORMATION



Rashid Naseem

Department of IT and Computer Science, Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology, Mang, Khanpur Road, Haripur-KPK, **Pakistan**.

PERMANENT ADDRESS: SheikhMal Khel, Landikotal Khyber District, KPK

DOMICILE: Khyber District, KPK

+923149007771

msqau@gmail.com rashid.naseem@fecid.paf-iaast.edu.pk

Skype shinwari7771

Gender Male | Date of birth 04 October 1986 | Nationality Pakistani | CNIC # 21203-6687035-7

POSITION

Assistant Professor (Pak-Austria Fachhochschule Institute of Applied Sciences and Technology)
PhD in Information Technology (Software Engineering and Data Science)

STATEMENT

"Wonder is the beginning of wisdom" – Socrates


RESEARCH SUMMARY

Researchgate Points 20, h-index 10, i10-index 10

SIGNIFICANT ACHIEVEMENTS


- Designed New curriculum and different modes study for BS in Data science, BS in Artificial Intelligence and MS in Data Science programs at Pak-Austria Fachhochschule Institute of Applied Sciences and Technology 2021
- Started BS in Software Engineering and BS in Computer Science programs at PAF-IAST 2020
- Started PhD in CS program, at City University 2018
- Designed New curriculum and different modes study for BS, and MS programs at City University 2018
- Introduced BS Data Science and BS Artificial Intelligence programs at City University 2019
- Review PhD and MS theses as an external examiner
- Supervised MS students
- Best Head of the Department award by City University 2017
- Secure 1st runner up position at Imagine Cup by Microsoft and HEC 2018, 2019
- Secure 1st position at Regional Olympiad by HED, KP 2018
- Reviewer of the national and international conferences and journals
- Organized (member of organizer committee) two international conferences 2016 and 2018 at City University
- Conducted Board of Studies of Computer Science 2018, 2019 at City University
- Conducted 1st Industrial Advisory Board meeting of Computer Science Department 2019
- Conducted reaccreditation of the bachelor programs from NCEAC 2017, 2018, 2019 at City University
- Organized Research and Innovation Festival at City University 2018
- Organized Research Methodology and Technical Writing Workshop at City University 2018
- Organized SATHA Awards and Networking Dinner at City University 2017, 2018
- Initiate transformation from traditional to OBE based education system in the Department 2019


PROFILE


 publons.com/a/1622509/

 orcid.org/0000-0002-4952-8100

 researcherid.com/rid/F-2601-2015

 researchgate.net/profile/Rashid_Naseem

 scopus.com/inward/authorDetails.uri?authorID=36998693900

 scholar.google.com.pk/citations?user=0ZztO-4AAAAJ

1. **R Naseem**, Shaukat, Z., Irfan, M., Shah, M.A., Ahmad, A., Muhammad, F., Glowacz, A., Dunai, L., Antonino-Daviu, J., Sulaiman, A. (2021), Empirical Assessment of Machine Learning Techniques for Software Requirements Risk Prediction. *Electronics* 2021, 10, 168
2. **R Naseem**, B Khan, MA Shah, K Wakil, A Khan, W Alosaimi, MI Uddin (2020), Performance Assessment of Classification Algorithms on Early Detection of Liver Syndrome, *Journal of Healthcare Engineering*, vol. 2020, Article ID 6680002, pages 13
3. S Iqbal, **R Naseem**, S Jan, S Alshmrany, M Yasar, A Ali (2020), Determining Bug Prioritization Using Feature Reduction and Clustering With Classification, *IEEE Access* 8, 215661-215678
4. **R Naseem**, B Khan, A Ahmad, A Almogren, S Jabeen, B Hayat, MA Shah (2020), Investigating Tree Family Machine Learning Techniques for a Predictive System to Unveil Software Defects, *Complexity*, vol. 2020, Article ID 6688075, pages 21.
5. B Khan, **R Naseem**, M Binsawad, M Khan, A Ahmad (2020), Software Cost Estimation Using Flower Pollination Algorithm, *Journal of Internet Technology*, 21(5), 1243-1251
6. B Khan, **R Naseem**, F Muhammad, G Abbas, S Kim (2020), An Empirical Evaluation of Machine Learning Techniques for Chronic Kidney Disease Prophecy, *IEEE Access* 8, 55012-55022
7. N Boudjellal, H Zhang, A Khan, A Ahmad, **R Naseem**, L Dai, A Silver Standard Biomedical Corpus for Arabic Language, *Complexity*, vol. 2020, Article ID 8896659, pages 7
8. M Aamir, NM Nawawi, HB Mahdin, **R Naseem**, M Zulqarnain (2020), Auto-encoder variants for solving handwritten digits classification problem, *International Journal of Fuzzy Logic and Intelligent Systems* 20 (1), 8-16
9. K Hussain, W Zhu, MNM Salleh, H Ali, N Talpur, **R Naseem**, A Ahmad (2020), Enhanced Bat Algorithm for Solving Non-Convex Economic Dispatch Problem, *International Conference on Soft Computing and Data Mining*, 419-428
10. Nawawi, Nazri Mohd and Khan, Abdullah and Rehman, MZ and **Naseem, Rashid** and Uddin, Jamal (2019), Studying the Effect of Optimizing Weights in Neural Networks with Meta-Heuristic Techniques, *Proceedings of the International Conference on Data Engineering*, pages 323-330
11. Qazi Haseeb Yousaf, Muhammad Arif Shah, **Rashid Naseem**, Karzan Wakil (2019), An Effective Approach to Analyze Algorithms with Linear $O(n)$ Worst-Case Asymptotic Complexity, *International Journal of Advanced Computer Science and Applications*, 10(3), pages 337-342
12. Muhammad Zakir Khan and **Rashid Naseem** (2018), Software

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- Remodularization Using Multi-Factors Multi-Objective Formulation, *3rd International Conference on Emerging Trends in Engineering, Management and Sciences (ICETEMS-2018)*, Accepted
13. Asma Javed, Muhammad Zakir Khan and **Rashid Naseem** (2018), Fact Extractor System for Java, *3rd International Conference on Emerging Trends in Engineering, Management and Sciences (ICETEMS-2018)*, Accepted
 14. Zain Shaukat, **Rashid Naseem**, and Muhammad Zubair (2018), A Dataset for Software Requirements Risk Prediction, *2018 IEEE International Conference on Computational Science and Engineering*, pages 112-118
 15. Sarwar Shah Khan, Muzammil Khan, Qiong Ran and **Rashid Naseem** (2018) Challenges in Opinion Mining, Comprehensive Review. *A Science and Technology Journal (Ciencia e Tecnica Vitivinicola)*, 33(11), pages 123-135
 16. Hussain, Kashif,. Salleh, Mohd Najib Mohd,. Cheng, Shi,. Shi, Yuhui,. **Naseem, Rashid** (2018) Artificial bee colony algorithm: A component-wise analysis using diversity measurement, *Journal of King Saud University-Computer and Information Sciences* 1319-1578. 2018 (Online)
 17. Hussain, K., Arshad, M., Ullah, G., **Naseem, Rashid**. (2018), Exploration and Exploitation Measurement in Swarm-based Metaheuristic Algorithms: An Empirical Analysis, *International Conference on Soft Computing and Data Mining (SCDM)*, pages 24-32
 18. **Naseem, Rashid**, Deris, MM., Maqbool, O., Li, J., Shahzad, S., Shah, H., (2017), Improved Binary Similarity Measures for Software Modularization , *Frontiers of Information Technology and Electronic Engineering*, 18(8), pages 1082-1107
 19. Kashif Hussain, Mohd Najib Mohd Salleh, Shi Cheng, **Rashid Naseem** (2017), Common Benchmark Functions for Metaheuristic Evaluation: A Review, *International Journal on Informatics Visualization*, 1(4), pages 218-223
 20. **Naseem, Rashid**, Deris, MM., Maqbool,O., (2017) Euclidean space based hierarchical clusterers combinations: An application to software clustering, *Clustering Computing*, pages 1-25
 21. Uddin, J., Ghazali, R., Deris, MM., **Naseem, Rashid**, Shah, H., (2017), A survey on bug prioritization, *Artificial Intelligence Review*, 47(2), pages 145-180
 22. Shah, A., **Naseem, Rashid**, (2017), Content based image retrieval system based on feature extraction using convolutional neural network, *Advanced Science Letter*, Accepted
 23. Arsalan, M., **Naseem, Rashid**, Zubair, M., (2017), Software reviews selection for re-engineered artifacts using analytic hierarchy process, *Advanced Science Letter*, Accepted
 24. Shah, A., **Naseem, Rashid**, (2017), Improving CBIR accuracy using convolutional neural networks for feature extraction, *IEEE International Conference on Emerging Technologies ICET-2017*, pages1-5
 25. Mohammed, Y., Mohamad, H., Abdi, AN., **Naseem, Rashid**, (2016), Mobile Forensic Images and Videos Signature Pattern Matching using M-Aho-Corasick,

International Journal of Advanced Computer Science and Applications(IJACSA), 7(7), pages 261-264

26. Mohammed, Y., Mohamad, H., Abdi, AN., **Naseem, Rashid**, (2016), Mobile Forensic for Damaged Phones Using M_Triage. *Research Journal of Applied Sciences*, (11) 6, pages 400-405
27. Naseem, R. Deris, D. M., (2016), A New Binary Similarity Measure Based on Integration of the Strengths of Existing Measures: Application to Software Clustering, *The Second International Conference on Soft Computing and Data Mining*, pages 304-315
28. Nawi, N., Rehman, M., Hamid, N., Khan, A., Naseem R., and Uddin, J., (2016), Optimizing Weights in Elman Recurrent Neural Networks with Wolf Search Algorithm, *The Second International Conference on Soft Computing and Data Mining*, pages 11-20
29. Salleh, MN., Hussain, K., Naseem, R., and Uddin, J., (2016), Optimization of ANFIS using Artificial Bee Colony Algorithm for Classification of Malaysian SMEs, *The Second International Conference on Soft Computing and Data Mining*, pages 21-30
30. Abdi, ANE., Mohamad, K., Hasheem, Y., Naseem, R., Jamaluddin, Aamir, M., (2016), Corrupted MP4 Carving Using MP4-Karver, *International Journal of Advanced Computer Science and Applications*, 7(3), pages 88–93
31. Shah, H., Herawan, T., Ghazali, R., Naseem, R., Aziz, M., (2014), Hybrid guided artificial bee colony algorithm for numerical function optimization, *International Conference in Swarm Intelligence*, pages 197-206
32. Shah, H., Herawan, T., Ghazali, R., Naseem, R., Aziz, M., (2014), An Improved Gbest Guided Artificial Bee Colony (IGGABC) Algorithm for Classification and Prediction Tasks, *International Conference on Neural Information Processing*, pages 559-569
33. Naseem, R. Deris, D. M., and Maqbool, O., (2014). Software Modularization using Combination of Multiple Clustering. *IEEE 17th International Multi Topic Conference*, pages 277-281
34. Shah, H., Herawan, T., Naseem, R., and Ghazali, R., (2014). Hybrid Guided Artificial Bee Colony Algorithm for Numerical Function Optimization. *Advances in Swarm Intelligence*. pages 197-206
35. Naseem, R., Maqbool, O., and Muhammad, S. (2013). Cooperative clustering for software modularization. *Journal of system and software*. Vol.86, No. 8, pages 2045 - 2062
36. Zahoor, I., Maqbool, O., and Naseem, R. (2013). Web application fact extractor (WAFE), *International Workshop on Data Management(IWDM,IEEE)*, pages 379 - 384
37. Khan, S. and Naseem, R (2013) "Data Warehouse Enhancement Manipulating Materialized View Hierarchy, *International Workshop on Data Management(IWDM,IEEE)*, pages 369 - 372
38. Naseem, R., Shah, Z. and O., Mehmet A., (2013). Software clustering using

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- automated feature selection method, International Conference on Advanced Data Mining and Applications, pages 47-58
39. Naseem, R., et. al,. (2012).Program restructuring using agglomerative clustering technique based on binary feature.IEEE Int'l, Conference on Emerging Technologies (ICET, IEEE), pages 1-6
 40. Hamid Ali, Muhammad Arshad, Masood Habib and Rashid Naseem(2012), Serial Number based IPv6 Addressing Architecture in a Foreign IPv4 Network. Journal of Computing. Vol. 4, No.10, pages 42-48
 41. Naseem, R., Maqbool,O., and Muhammad, S. (2011). Improved similarity measures for software clustering. 15th European Conference on Software Maintenance and Reengineering (CSMR , IEEE), pages 45-54
 42. Naseem, R., Maqbool,O., and Muhammad, S. (2010). An improved similarity measure for binary features in software clustering. Proc. Of the Int'l. Conference on Computational Intelligence, Model ling and Simulation (CIMSIm, IEEE), pages 111–116

Research Interests

My interested areas are working on algorithms in Data Science, and the applications of Data Science and Machine Learning algorithms. Recently I have completed some projects regarding analysis of software repositories, health care data, and some other domains. I am interested in re-modularization of the software systems using clustering algorithms. To gain more authoritative and high quality architecture by introducing combination of hierarchical clustering algorithms and new similarity/distance measures. Moreover, using the meta heuristic techniques is also one of my interested areas for research.

I am also interested in introducing new software quality metrics and measurements while analyzing the static structure of the system which will improve software quality by predicting fault prone locations. This will also improve the test process, and will identify refactoring and reusable modules. Meanwhile, I am also concerned in, when previous fault data are not available; in this case using different clustering techniques can be a better choice for software fault prediction. Other interested areas are: Bugs Prioritization, Requirements Prioritization, Information Retrieval Systems, and Digital Forensics.

WORK EXPERIENCE

31 January 2020 – till date

Assistant Professor / Coordinator

Department of IT and Computer Science,
Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology, Mang Khanpur Road
Haripur, Pakistan

- To teach at graduate and undergraduate level courses of computer science and software engineering
- To conduct research within the different groups of research
- To supervise and assists students at graduate and undergraduate level in their projects
- To deliver short seminars on research materials and industrial innovations
- To publish the research
- Coordinator of the Department and University
- **Taught Courses: Programming Fundamentals (BS-CS),**

August 2016 – 30 January 2020

Assistant Professor/(HoD for two years July2017 to Sept. 2019)

City University of Science and Information Technology, Peshawar (Pakistan)

- To manage the department of computer science

- To teach at graduate and undergraduate level courses of computer science and software engineering
- To conduct research within the different groups of research
- To supervise and assists students at graduate and undergraduate level in their projects
- To deliver short seminars on research materials and industrial innovations
- To publish the research
- **Taught Courses: Advanced Analysis of Algorithms (MS-SE/CS), Advanced Software System Architecture (MS-SE/CS), Fundamental of Programming (BSSE), Visual Programming (BSSE), Data Structure and Algorithms (BS-SE/CS), Software Engineering**

1 May 2014 – 30 July 2016

Graduate Research Assistant

University Tun Hussein Onn Malaysia (Malaysia)

- To teach at undergraduate and graduate level courses of computer science
- To conduct research within the different groups of research
- To supervise and assists students at undergraduate and graduate level in their projects
- To deliver short seminars on research materials and industrial innovations
- To publish the research
- Duty timing, form 8:00am to 5:00pm
- **Part Time Taught Courses: Data Visualization, Latex, and Mendeley**

16 January 2012 – 31 March
2014

Lecturer

City University of Science and Information Technology, Peshawar (Pakistan)

- To teach at undergraduate and graduate level courses of computer science
- To design, prepare and develop teaching materials
- To design curriculum for software engineering studies at undergraduate level
- To deliver seminars and arrange workshops on research materials and industrial innovations
- Acting as **coordinator** of computer science, to provide support to the students, to make schedule, setting and marking examinations and to participate in the management requested activities
- Duty timing, form 8:30am to 4:30pm
- **Taught Courses: Software Engineering I, Software Quality Assurance, Software Architecture , Software Project Management, Introduction to Computing, Introduction to Programming, Object Oriented Programming, Visual Programming, Data Mining**

01 December 2007 – 10 February
2009

Software Developer

Digital Institute of Software and Computers, Peshawar (Pakistan)

- Establishing a link between client and the project team
- Establishing rules and regulations defined by international organization like IEEE and ISO
- Establishing the miles stones for each member of the team
- Take participation in architecture designing
- Translating architecture modules into a programming language
- Implementing modules using C# for desktop based and PHP for web based applications
- Establishing the team work by working as a part of the team
- Integration of each and every modules and participating in testing
- Big bang testing, to make sure that software has no error and it meets all the specified requirements
- Conducting user acceptance testing to make it possible that the software product can be used easily, quickly and accurately and then training of the clients

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- Participating in writing the detail documentation of the software products
- Participating in the maintenance phase

01 April 2006 – 30 November
2007

Web Administrator

Aamir Enterprises, Peshawar (Pakistan)

- District office In charge with direct control of up to 10 personnel
- Interacting with external bodies and statutory authorities
- Up-gradation and installation of organizational web site's and databases
- Web designing and administration
- Developing website using PHP and Java script with MySQL Server

EDUCATION AND TRAINING

March 2014 – 20 February 2017

Doctor of Philosophy in Information Technology

PhD 3yrs

University Tun Hussein Onn Malaysia, Batu Pahat, Johor, Malaysia

Supervised by: Professor Dr. Mustafa Mat Deris

Research Title: *An Improved Hierarchical Clustering Combination Approach for Software Modularization*

12 February 2009 – 17 October
2011

Master of Philosophy in Computer Science 3.5 CGPA

Master 2yrs

Quaid-i-Azam University, Islamabad (Pakistan)

Supervised by: Dr. Onaiza Maqbool

Data Mining, Software Architectures, Advanced Analysis of Algorithms, Theory of Computation, Advanced Computer Architecture, Information Retrieval System, Semantic Web, Research Methods in Computer Science

Research Title : *Using cooperative clustering for software modularization*

01 September 2004 – 29 October
2008

Bachelor of Computer Science 3 CGPA

Bachelor 4yrs

University of Peshawar, Peshawar (Pakistan)

Functional English, Probability and Statistics, Mathematics, Discrete Mathematics, Physics, Electronics, Business Communication, Numerical Analysis, Analysis of Algorithms, Automata Theory, Programming Concepts, Programming Language I,II & III, Internet Programming, E-Commerce, Data Structures, Database I & II, Operating System, Computer Organization and Assembly Language, Computer Architecture, Computer Graphics, Digital Image Processing, Data Communication and Networks, Wireless and Mobile Communication, Network Security, Software Engineering I & II, Software Project Management, Artificial Intelligence, Natural Language Processing

01 September 2002 – 31 July
2004

Intermediate in Pre-Engineering

Intermediate 2yrs

Board of Intermediate and Secondary Education, Peshawar (Pakistan)

Mathematics, Physics, Chemistry

29 June 2002

Secondary (Matirc)

Matric 10yrs (basic school education)

Board of intermediate and Secondary Education, Abbottabad (Pakistan)

Computer Science, English, Mathematics, Physics, Chemistry

PARTICIPATION

Conferences

| Sr. No. | Date | Title | Place |
|---------|---------------|---|------------------------------------|
| 1 | March 2020 | International MultiDisciplinary Graduate Conference (IMGC) | Bilquis College, Rawalpindi |
| 2 | November 2019 | International Conference on Software Engineering and Computing Disciplines | University of Sawabi |
| 3 | November 2018 | International Conference on Emerging Technologies (ICET-2018) | QAU, Islamabad |
| 4 | November 2018 | International Multi-Disciplinary Conference (INUMDC-2018) | Iqra National University, Peshawar |
| 5 | October 2018 | International Conference on Emerging Trends in Engineering, Management and Sciences (ICETEMS) | CUSIT, Peshawar |
| 6 | March 2018 | Abasyn International Conference on Technology and Business Management (AICTBM) | Abasyn University Peshawar |
| 7 | November 2017 | International Conference on Emerging Technology (ICET) | HEC, Islamabad |
| 8 | October 2017 | EAI International Conference on Future Intelligent Vehicular Technologies (Future 5v) | EAI, Islamabad |
| 9 | November 2017 | National Conference on Emerging Trends in Computing, Statistics and Mathematical Sciences (NCETCSM) | SBBWU, Peshawar |
| 10 | December 2016 | International Conference on Emerging Trends in Engineering, Management and Sciences (ICETEMS) | CUSIT, Peshawar |
| 11 | December 2014 | International Multitopic Conference (INMIC) | Bahria University, Karachi |
| 12 | June 2014 | International Conference on Soft Computing and Data Mining (SCDM) | UTHM, Malaysia |
| 13 | 2010 | International Conference on Frontiers of Information Technology (FIT) | COMSATS, Islamabad |

Workshops/Seminars

| Sr. No. | Date | Title | Place |
|---------|----------------|--|----------------------|
| 1 | August 2020 | OBE Implementation | PAF-IAST, Haripur |
| 2 | September 2019 | Design of OBE Framework based on PEC Requirement | FAST, Peshawar |
| 3 | July 2019 | Python: Pythonian way of Learning Data Analyzation and Visualization | COMSATS, Islamabad |
| 4 | April 2019 | 5 th Program Evaluators Training Workshop at KPK, NCEAC | NCEAC, HEC, Peshawar |
| 5 | January 2019 | Leaders Centric Approach | CUSIT, Peshawar |
| 6 | December 2018 | Leaders in Science and Innovation Policy | DOST, KP |
| 7 | December 2018 | Research Methodology and Technical Writing | CUSIT, Peshawar |
| 8 | February 2018 | Outcome-Based Education (OBE) and Implementation | PEC, CUSIT Peshawar |
| 9 | February 2018 | 4 th Program Evaluators Training Workshop at KPK, NCEAC | NCEAC, HEC, Peshawar |
| 10 | February 2017 | 3 rd Program Evaluators Training Workshop at KPK, NCEAC | NCEAC, HEC, Peshawar |
| 11 | March 2018 | Microsoft Azure and Cloud | IIU, Islamabad |
| 12 | July 2018 | How to deliver a great presentation | CUSIT, Peshawar |

Supervision Post-Graduates

1. An improved navigational pattern-based relevance feedback with deep learning for content-based image retrieval by Amjad Shah 2018 (MS Thesis)
2. Software reviews selection for re-engineered artefacts using AHP by Muhammad Arsalan 2018

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- (MS Thesis)
3. Software Cost Estimation Using Flower Pollination Algorithm by Bilal Khan 2019 (MS Thesis)
 4. Risk Prediction Model for Software Requirements by Zain Shaukat 2019 (MS Thesis)
 5. An Improved Model for Bug Prioritization Using Feature Reduction, Clustering And Classification by Shahid Iqbal 2019 (MS Thesis)
 6. Bug Prioritization Using Average One Dependence Estimator by Kashif Saleem 2019 (MS Thesis)
 7. Software Modularization using Multi-Factor Multi-Objective Formulation by Zakir Khan 2020 (MS Thesis)
 8. Sequential minimum spanning tree based images segmentation by Adnan 2020 (MS Thesis)

PERSONAL SKILLS

Mother tongue(s) Pashto
Other language(s) English, Urdu, Malay (Malaysian)

Organisational / managerial skills

- Coordinator for the Academics, PAF-IAST till date.
- Coordinator of the Department of IT and Computer Science, PAF-IAST till date.
- Head of the Department of Computer Science at City University Peshawar. 2017,2018, till Sept. 2019
- Coordinator of the MS programmes at Department of Computer Science, City University of Science and IT. 2017
- Supervisor of Eight (8) research students (MS)
- Supervised more than 50 Students of the BS degree
- External supervisor of the students from different universities
- Coordinator of the Department of Computer Science, City University, in 2013
- Manage different kind workshops, seminars and student competitions at Department of Computer Science
- Arrange and delivered a number of talks on Research methods, How to write a paper, Latex, and Mendeley at University Tun Hussein On Malaysia. 2014, 2015, 2016
- Lead the IT section as Web Administrator in Aamir Enterprises
- Worked as a team leader of 5 to 10 developers at software house

Job-related skills

- Quality to lead a team
- Good command of teaching, presentation and managing the students at university level
- Managing the projects, exams and other problems related to students
- Research supervisor of bachelor and master students
- Research publications
- Designing curriculum for different computing programs
- Self and team-oriented development

ADDITIONAL INFORMATION

- Awards
- Best HOD Award 2017, City University
 - Travel Grant for PhD from HEC 2014
 - Graduate Incentive Award 2014-2016

- Honours
- I am currently reviewer of
- Member of International Association of Engineers
 - Journal of Information Science
 - International Journal of Electrical Power and Energy Systems
 - Journal of Future Technologies and Communications

- IEEE Access
- Computational and Mathematical Organization Theory
- Journal of Optimization
- Journal of Experimental and Theoretical Artificial Intelligence
- The International Journal of Software Engineering and Knowledge Engineering
- Cluster Computing
- International Journal of Engineering and Technology
- And many conferences

References

- **Engr. Professor. Dr. Attaullah Shah**

Vice Chancellor, Karakoram International University, Gilgit Baltistan
Tel: 051-9266857-8 Email: vc@kiu.edu.pk

- **Professor. Dr. Mustafa Mat Deris**

Faculty of Computer Science and Information Technology, UTHM, Malaysia,
Tel: +6074537190/3723 Email: mmustafa@uthm.edu.my

- **Asst. Professor. Dr. Sara Shahzad**

Dept. of Computer Science, University of Peshawar, Peshawar, Pakistan
Email: sara@upesh.edu.pk sarashahzad2@gmail.com

- **Asst. Professor. Dr. Onaiza Maqbool**

Dept. of Computer Science, Quaid-i-Azam University, Islamabad, Pakistan
Tel: +92-51-90642060 Email: omaqbool@gmail.com, onaiza@qau.edu.pk