Dr. Engr. Sohaib Ahmed

Principal/Associate Dean,

Bahria School of Engineering & Applied Sciences (BSEAS)

Senior Associate Professor

Bahria University Karachi, Pakistan

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Profile Summary

Currently working as Associate Dean/Principal of Bahria School of Engineering & Applied Sciences (SEAS), Bahria University, Karachi, Pakistan since March, 2020. Before this, I served as head of the Department of Software Engineering (January-2018-September-2020). I was also head of the Department of Computer & Software Engineering, Bahria University, Karachi, Pakistan for 1.5 years (June-2016- Dec-2017). Being HoD, I successfully accredited the bachelor program from Pakistan Engineering Council (PEC) based on international Outcome Based Assessment (OBA) manual since Pakistan becomes full signatory on Washington Accord in 2017. I have 8 years post-doctorate teaching/administrative experience. Overall, 13 years of teaching/research experience while 4 years of corporate sector experience was under the belt as an IT Manager/ Database Manager in different companies within Pakistan.

I have completed Doctorate in Information Technology from Massey University, Auckland, New Zealand on Pakistan's HEC (Higher Education Commission) PhD merit scholarship. My PhD thesis was one of the top three for the annual Information Systems Doctoral Thesis Award competing against all the Universities in New Zealand, sponsored by the Professors and Heads of Information Systems in New Zealand (PHIS-NZ) in 2014.

My key research focus is in Artificial Intelligence in particular Ontologies. The other significant research domain of my interest is Technology-enhanced learning including Inquiry Based Learning, Mobile and Ubiquitous Learning. I have published 29 international research papers and proceedings in high quality journals and conferences. Even though involved in administrative work, I always keen to publish research papers in high quality journals and conferences. In 2019-20, 5 impact factor journal papers were published in Technology, Pedagogy and Education, Journal of Intelligent & Fuzzy Systems, IEEE Access and Interciencia journals while 2 international conferences were also published. Further, 3 research papers are already in reviewing phase.

I have a good sound knowledge of Computer Science/Software Engineering courses at undergraduate and postgraduate level. During these years, some of the taught courses are Agile Development, Software Design and Architecture, Design and Analysis of Algorithms, Semantic Web, Advanced Software System Architecture, Research Methodology, Knowledge Based Management System, Advanced Database Management System and Human Computer Interaction. I actively participated as curriculum design committee members in Computer Science and Software Engineering roadmaps. 10 MS students and 22 final year project groups were successfully supervised while 2 MS/PhD students are currently under supervision.

In 2018, I awarded as the best researcher in the Faculty of Engineering Sciences at campus level. In 2017, I received 8.8 Million (Pak Rupees) grant as Co-PI in one of the funded projects. Few other final year projects granted funding from national funding agencies. One of my papers (published in 2013) has crossed 150 citations till date. In another instance, I received best paper award in the International conference on Mobile and Contextual Learning (MLearn) held at

Helsinki, Finland in October, 2012. Apart from these laurels, I also voluntarily provide editorial services of some high impact factor journals. Moreover, I participated in number of seminars, presentations, trainings/courses during and after my doctoral study.

Education

Jul, 2009- Dec, 2012

PhD (Doctor of Philosophy) in Information Technology at Massey University, Auckland, New Zealand

Jul, 2008- Jun, 2009

PGDip (Post Graduate Diploma) in Information Sciences with Distinction at Massey University, Auckland, New Zealand

Jan, 2000- Dec, 2003

Bachelor of Science in Computer Engineering from Sir Syed University of Engineering & Technology, Karachi, Pakistan

Professional Experience

March, 2020 – Current
Associate Dean/Principal School of Engineering & Applied Sciences, Head of the Department of Software Engineering and Senior Associate Professor at Bahria University, Karachi, Pakistan

Jul, 2019- September, 2020

Head of the Department and Senior Associate Professor in the Department of Software Engineering at Bahria University, Karachi, Pakistan

Jan, 2018- June, 2019

Head of the Department and Associate Professor in the Department of Software Engineering at Bahria University, Karachi, Pakistan

Jul, 2016- December, 2017

Head of the Department of Computer & Software Engineering at Bahria University, Karachi, Pakistan

Jul, 2015 – June, 2016

Senior Assistant Professor in the Department of Computer & Software Engineering at Bahria University, Karachi, Pakistan

Aug, 2013- Aug, 2015

Assistant Professor in the Department of Computer Sciences at Bahria University, Karachi, Pakistan

Jan, 2010- Apr, 2013

Assistant Tutor in the Information Systems group of the School of Management at Massey University, Auckland, New Zealand

Jul, 2010- Apr, 2013

Tutor and Marker for various courses in the School of Engineering & Advanced Technology at Massey University, Auckland, New Zealand

Jul, 2008- Apr, 2013

Research scholar in the School of Engineering & Advanced Technology, Massey University, Auckland, New Zealand

Jan, 2006 – Nov, 2007

IT Manager in Baweja Automobiles, Karachi, Pakistan

Mar, 2005 – Dec, 2005

Database Manager in E-biz Outsourcing, Karachi, Pakistan

Mar, 2004 – Mar, 2005

Database Manager & Team Lead in Travel Agents Association of Pakistan (TAAP), Karachi, Pakistan

Research Interests

- ❖ Semantic Web and Ontologies

- ❖ Artificial Intelligence

- ❖ Mobile and Ubiquitous Learning

- ❖ Knowledge Management

- ❖ Inquiry-Based Learning

- ❖ Human Computer Interaction

- ❖ Internet of Things (IoTs)

- ❖ Sentiment Analysis

Publications

1. Samreen, A., Ahmad, A., Farukh, Z., Ahmad, F. & **Ahmed, S.** (2020). A Collaborative Method for Protecting Teens against Online Predators over Social Networks: A Behavioral Analysis. *IEEE Access* (**Impact Factor: 3.754**)

2. Jamil, S., Qureshi, R., **Ahmed, S. (2020).** Analyzing effects of resource distribution on performance of fog infrastructure. Global Conference on Wireless and Optical Technologies, Online, 6-8 October, 2020. IEEE.

3. Hamdi, M., Zeshan, F., Ahmad, A., Munawar, S., Aimeur, A., **Ahmed, S.,** Elsoud, M.A., & Yousif, M. (2019- Accepted). An Intelligent Decision Support System For Effective Handling of IT Projects. Journal of Intelligent & Fuzzy Systems, 38(3), 2635-2647, IOS Press (**Impact Factor: 1.637**)

4. Bashir, F., **Ahmed, S.,**Marouf, M. (2020). An exploratory study of students' learning performance in flipped classroom using detection tree and regression. 3rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET), 29th - 30th January, 2020, IBA Sukkur, Pakistan.

5. Emaduddin, S.M., Ahsan, K., Khan, Y., **Ahmed, S.,** Ullah, R., Rizwan, K., & Shafiq, F. (2019). Depression detection using Naive Bayes: Text based approach. *Interciencia Journal,44(1),172-183.* (**Impact Factor: 0.28**).

6. Ali, A., Ahsan, K., Irshad, S., Sanaullah, Iqbal, S., **Ahmed, S.** & Rehman, O. (2019). Mobile controlled UAVs for audio delivery service and payload tracking solution. *IEEE Access*, 7, 149672-149697(**Impact Factor: 4.098**)

7. **Ahmed, S.**, Javaid, S., Niazi, M. F., Alam, A., Ahmad, A., Baig, MA, Khan, HK, & Ahmed, T. (2019). A qualitative analysis of context-aware ubiquitous learning environments using bluetooth beacons. *Technology, Pedagogy, Education*, 28(1), 53-71.Taylor & Francis. (**Impact Factor: 1.580**)

8. Bibi, A., Rehman, O., & **Ahmed, S.** (2018). An Ontology Based Approach For Messages Dissemination in Vehicular AdHoc Networks. EAI Endorsed Transactions on Scalable Information Systems 18(16): e2.

9. Iqbal, S., Ahsan, K., Hussain, M.A., Nadeem, A., Saeed, M., & **Ahmed, S.** (2018). Managing Disorientation of Time and Place in Dementia Patients Using Bluetooth Beacons. Proceedings of the Pakistan Academy of Sciences: A Physical and Computational Science, 55(2): 41-53.

10. Tabassum, H. & **Ahmed, S.** (2017). An ontology-based approach for analyzing emotions in software developers' mailing lists. Bahria University Journal of Information and Communication Technology, 10(2), 1-7.

11. **Ahmed, S.**, Umer, M., Nasir, B., Khan, M.J., & Ali, S.S. (2017). MAPILS: Mobile augmented reality plant inquiry learning system. *In Proceedings of IEEE Global Engineering Education Conference (EDUCON'17)*, 25-28 April, Athens, Greece, 1443-1449.

12. Khan, A., Sadia, A., **Ahmed, S.**, Tabassum, H., & Khan, M.S. (2017). HEPO: The Hepatitis ontology for abductive medical diagnostic systems. *In Proceedings of IEEE International Conference on Communication, Computing and Digital Systems (CCODE'17)*, 8-9 March, Islamabad, Pakistan 271-275.

13. Tabassum, H. & **Ahmed, S.** (2016). EmotiOn: An ontology for emotion analysis. *In Proceedings of 1st National Conference on Emerging Trends and Innovations in Computing & Technology (NACTICT'16)*, 15-16 March, Karachi, Pakistan.

14. Javaid, S. & **Ahmed, S.** (2016). A digital story telling framework for inquiry based learning activities. *In Proceedings of 1ˢᵗ National Conference on Emerging Trends and Innovations in Computing & Technology (NACTICT'16)*, 15-16 March, Karachi, Pakistan.

15. **Ahmed, S.** (2014). A proposed evaluation framework from mobile inquiry-based learning activities in science education. *Communications in Computer and Information Science: Mobile as mainstream – Towards Future Challenges in Mobile Learning, 479,* 123-130. Springer International Publishing

16. **Ahmed, S.**, & Parsons, D. (2014). A Comparative analysis in evaluating 'ThinknLearn' from science educators and high school students perspectives. *Communications in Computer and Information Science: Mobile as mainstream – Towards Future Challenges in Mobile Learning, 479,* 228-237. Springer International Publishing

17. Hafeez, A.H., Mohiuddin, K., & **Ahmed, S.** (2014). Speaker-dependent live Quranic verses recitation recognition system using Sphinx-4 framework. *IEEE 17th International Multi Topic Conference (INMIC 2014)*. 8-10 December, Karachi, Pakistan

18. **Ahmed, S.**, & Parsons, D. (2013). Mobile abductive science inquiry: Evaluating 'ThinknLearn' with high school students. *Computers & Education*, *63*, 62-72 (**Impact Factor: 4.538**)

19. **Ahmed, S.**, & Parsons, D. (2013). Abductive science inquiry using technology-enhanced learning. In J. Jovanovic, & R. Chiong (Eds.), *Technological and Social Enviornments for Interactive Learning*. Santa Rosa, California: Information Science Press

20. **Ahmed, S.**, & Parsons, D. (**Best paper award**) (2012). Evaluating 'ThinknLearn': A mobile science inquiry-based learning application in practice. *11th World Conference on Mobile and Contextual Learning (MLearn 2012)* (pp. 17-24). 16-18 October, 2012. Helsinki, Finland

21. **Ahmed, S.**, Parsons, D., & Mentis, M. (2012). Scaffolding in mobile science enquiry-based learning using ontologies. *ICST Transactions on e-Education and e-Learning Journ+al*, *12* (7-9), 1-17

22. **Ahmed, S.**, Parsons, D., & Mentis, M. (2012). An ontology supported abductive mobile enquiry based learning application. *In proceedings of the IEEE International Conference on Advanced Learning Technologies (ICALT 2012)* (pp. 64-68). 4-6 July, 2012. Rome, Italy

23. **Ahmed, S.**, & Parsons, D. (2011). ThinknLearn: An ontology-driven mobile web application for science enquiry based learning. *In Proceedings of the 7th IEEE International Conference on Information Technology and Application (ICITA 2011)* (pp. 255-260). 21-24 November, 2011. Sydney, Australia: IEEE Computer Chapter NSW

24. **Ahmed, S.**, & Parsons, D. (2011). COMET: Context Ontology for Mobile Education. In G. Biswas, S. Bull, J. Kay, & A. Mitrovic (Eds.), *Artificial Intelligence in Education (AIED 2011)* (Vols.LNAI 6738, pp.414-416). Springer-Verlag Berlin-Heidelberg

25. **Ahmed, S.**, & Parsons, D. (2011). An Ontology-Driven Mobile Web Application For Generating Scientific Hypotheses. *7th Annual IIMS Postgraduate Conference* held at Massey University, Auckland, New Zealand on 26th October, 2011.

26. **Ahmed, S.,** Parsons, D., & Ryu, H. (2011). Ontology-based Mobile Learning Content Adaptability. *9th New Zealand Computer Science Research Student Conference (NZCSRSC)* held at Massey University, Palmerston North, New Zealand from 18-21 April, 2011.

27. **Ahmed, S.,** Parsons, D., & Ryu, H. (2010). Supporting adaptive learning interactions with ontologies. *In Proceedings of 11th Annual ACM SIGCHI NZ Conference on Computer-Human Interaction (CHINZ 2010)* (pp. 17-24). 8 July, 2010. Auckland, New Zealand

28. **Ahmed, S**., Parsons, D., & Ryu, H. (2010). Beyond learning objects - Dynamic adaptation in learning scenarios for lifelong learners. *IEEE Learning Technology Newsletter, 12*(1), January 2010, 49-51

29. **Ahmed, S.,** Parsons, D., & Ryu, H. (2009). Adaptive Learning Environments: An ontology based approach for lifelong work-based learning management systems. *6th Annual IIMS Postgraduate Conference* held at Massey University, Auckland, New Zealand on 21st October, 2009.

Submitted Papers

1. **Ahmed, S.,** Zeeshan, M., Parsons, D., Rehman, O., Ahmad, A., Ahsan, K., & Niazi, M. (2021-Under-review). Game-based inquiry learning in the U-Museum: Design and Evaluation of Ontology-driven Ubiquitous Application. *Journal of Computer Assisted Learning*.

2. Ahmad, A., Zeeshan, F., Marriam, R., Samreen, A., **Ahmed, S.** (2021-Under-review). Investigating the effect of group size and gamification on learners' behaviors in higher education. *Journal of Computing in Higher Education*.

3. Al-Busaidi, A.M., Hussain, O.M., & **Ahmed, S.** (2021-Under-review). Ubiquitous healthcare system: Architecture, prototype design and experimental evaluations. *Journal of Engineering & Applied Sciences*.

Administrative Positions

❖ **Principal/Associate Dean,** School of Engineering & Applied Sciences (SEAS) (March, 2020 – Current)

❖ **Head of the Department**, Software Engineering (January, 2018 – March, 2020)

❖ **Head of the Department**, Computer and Software Engineering (June, 2016 – January, 2018)

❖ **Postgraduate Coordinator**, Computer and Software Engineering (September, 2015 – June, 2016)

❖ **Postgraduate Coordinator**, Computer Sciences (September, 2014 – August, 2015)

❖ **Cluster Head**, Computer Sciences (September, 2014 – August, 2015)

❖ **Director,** Research Group (MINDS – Mobile intelligent Systems, Interaction, Networks, Distributed and Smart Environments)

Grants And Funded Research Projects

1. **August – 2017 - Current**
    Project Title: Design and Development of High Speed 3D-Optical Scanner Based on Machine Vision For Parts Manufacturing Industries in Pakistan
    Funding Agency: NRPU, Higher Education Commission - Pakistan
    Grant No.: 5249/Federal/NRPU/R&D/HEC/2016 dated 2nd August, 2017
    Role: Co-Principal Investigator (Co-PI)
    Amount: Rs 8.8 Million

2. **July, 2017 – June, 2018**
    Project Title: An Arduino Based Glove For Sign Language Urdu Interpretation
    Funding Agency: IGNITE - Pakistan
    Role: Supervisor
    Amount: Rs 0.07 Million

3. **April 25, 2017 –April 28, 2017**
    Paper Title: MAPILS: Mobile Augmented Reality Plant Inquiry Learning System
    Funding Agency: Higher Education Commission - Pakistan
    Grant No.: 266.27/TG/R&D/HEC/2017/21466
    Role: Faculty Member
    Amount: Rs 0.3 Million

4. **November 3, 2014 – November 5, 2014**
    Paper Titles: 1. A Proposed Evaluation Framework For Mobile Inquiry Based Learning Activities in Science Education
    2. A Comparative Analysis in Evaluating ThinknLearn From Science Educators and High Schools Students' Perspectives
    Funding Agency: Higher Education Commission - Pakistan
    Grant No.: 207.81/TG//R&D/HEC/2014/16
    Role: Faculty Member
    Amount: Rs 0.2 Million

5. **July, 2013 – June, 2014**
    Project Title: M-Tourism: An Interactive Touring And Learning Application For City Exploration
    Funding Agency: National ICT R&D Fund - Pakistan
    Role: Supervisor
    Amount: Rs 0.07 Million

6. **July 4, 2012 – July 6, 2012**
    Paper Title: An Ontology Supported Abductive Mobile Enquiry Based Learning Application
    Funding Agency: Higher Education Commission - Pakistan
    Grant No.: 161.90/HEC/R&D/2012/984

Role:	Doctoral Student
Amount:	Rs 0.2 Million

7 . Jul 8, 2008 – May. 5, 2013

Project Title:	Mobile Learning Ontologies: Supporting Abductive Inquiry-Based Learning in the Sciences
Funding Agency:	Higher Education Commission - Pakistan
Grant No.:	1-1/PM(OSS)/Phase-II/Batch-I/MUNZ/2007/1251
Role:	MS and Doctoral Student
Amount:	Rs 20 Million

Teaching Experience

Postgraduate Level Courses:

❖ Research Methodology (Fall, 2016, Fall, 2018, Spring, 2019, Fall,2019, Spring, 2020)

❖ Semantic Web (Fall, 2016 and Fall, 2017)

❖ Ontology Engineering (Spring, 2018, Fall-2020)

❖ Advanced Software System Architecture (Fall, 2017, Spring, 2017 and Spring, 2016)

❖ Advanced Theory of Computation (Spring, 2014, Fall, 2014, Spring, 2015 and Fall, 2015)

❖ Advanced Computer Architecture (Fall, 2015, Spring, 2015 and Fall, 2014)

Undergrad Level Courses:

❖ Software Design and Architecture (Spring, 2015, Spring, 2020)

❖ Agile Development (Fall, 2019)

❖ Advanced Database Management Systems (Fall, 2018)

❖ Semantic Web (Spring, 2018)

❖ Software Engineering (Fall, 2013)

❖ Human Computer Interaction (Spring, 2014)

❖ Knowledge Based Management Systems (Spring, 2014, Fall, 2014, Fall, 2017, Fall, 2020)

❖ Management Information System (Fall, 2016)

❖ Design and Analysis of Algorithms (Spring, 2017, Spring, 2016, Fall, 2015, Spring 2015, Fall, 2014, Spring 2019)

❖ Web Engineering (Fall, 2013)

❖ Numerical Analysis (Fall, 2015)

Short Courses/Workshops/Seminars Conducted

- ❖ Workshop conducted on "Outcome Based Education" at Bahria University, Karachi, Pakistan on 29th August, 2019

- ❖ Workshop conduced on "What Reviewers' Want?" at Bahria University, Karachi, Pakistan on 15th – 16th August, 2017

- ❖ Short certification course conducted on "Protégé: An Ontology Development Tool" at Bahria University, Karachi, Pakistan on 18th, 19th, 25th and 26th February, 2017

- ❖ Short certification course conducted on "The Semantic Web" at Bahria University, Karachi, Pakistan on 24th, 30th, 31st January, 2016

- ❖ Workshop conducted on "Ontology Engineering" at Bahria University, Karachi, Pakistan on 1st September, 2015

- ❖ Short certification course conducted on "The Semantic Web" at Bahria University, Karachi, Pakistan on 15th ,16th , 20th and 21st August, 2015

- ❖ Workshop conducted on "What reviewers' want?" at Bahria University, Karachi, Pakistan on 16th October, 2014

- ❖ Seminar presented on "Technology Enhanced Learning" at Bahria University, Karachi, Pakistan on 9th October, 2013

Editorial

JOURNALS

- ❖ Computers & Education (**Impact factor: 5.296**)

- ❖ Journal of Computer-Assisted Learning (**Impact factor: 2.126**)

- ❖ Informatics for Health and Social Care (**Impact factor: 1.9821**)

- ❖ Theory Into Practice (**Impact factor:1.4321**)

- ❖ International Journal of Mobile and Blended Learning (IJMBL)

- ❖ Bahria University Journal of Information and Communication Technologies (BUJICT) (Local Recognized Journal)

CONFERENCES

- ❖ **Program Chair (PC) Member** in the IEEE Global Engineering Education Conferences (EDUCON) in 2017 and 2018 held in Athens, Greece and Canary Islands, Spain respectively.

- ❖ **Session Chair and PC Member** in the International Conference on Communication, Computing and Digital Systems (C-CODE) held on 8-9 March, 2017 Islamabad, Pakistan.

- ❖ **Session Chair and Organizer** in the National Conference on Emerging Trends and Innovations in Computing & Technology (NACTICT'16) held in 15-16 March, 2016 Karachi, Pakistan.

- ❖ **PC Member** for the track "Intelligent and Interactive Learning Environments" in The 30th ACM/SIGAPP Symposium On Applied Computing (SAC) held in April, 2015and 2016

- ❖ **PC Member** for the track "Information Systems and Future-Focused Learning Environments" in the Australasian Conference of Information Systems (ACIS) held in 30th November – 4th December, 2015

- ❖ **International Review Board Member** of the Information Science and IT Education (InSITE) Conference held in July, 2015

- ❖ **Organizer, PC Member and Session Chair** in the IEEE 17th International Multi Topic Conference (INMIC) held in 8-10 December, 2014

- ❖ **Reviewer** in the ACM Special Interest Group on Information Technology Education Conference (SIGITE) held in 2012 and 2013

Achievements (Awards or Scholarships)

- ❖ Received Best Researcher Award 2018 in the Faculty of Engineering Sciences at Bahria University Karachi Campus, Pakistan

- ❖ Included as one of the top-3 for the annual Information Systems Doctoral Thesis Award competing against all the Universities in New Zealand, sponsored by the Professors and Heads of Information Systems in New Zealand (PHIS-NZ) in 2014 (see http://www.phisnz.org/home/award-2014)

- ❖ HEC MS leading to PhD scholarship for overseas from July, 2008 – June, 2013

- ❖ Best paper award in the mLearn (Mobile and Contextual Learning) conference held at Helsinki, Finland in 2012

- ❖ PGDip with distinction from Massey University, Auckland, New Zealand in July, 2009

- ❖ President Talent Farming Scholarship (PTFS) on the basis of matriculation examination from BISE, Hyderabad, Pakistan in 1998

PhD/MS Students' Supervisions

S.No	Thesis Title	Student Name	Completion Year /Expected
1	An Agile approach for inquiry based learning in ubiquitous environment	Bushra Fazal Khan (PhD Student)	2023 (Expected)

S.No	Title	Student	Year
2	IoT enabled grocery shopping recommendation system using machine learning approach	Tauseef Akbar (MS Student)	2020
3	Analyzing effects of resource distribution on performance of fog infrastructure	Sara Jamil (MS Student)	2020
4	A deep neural network for intelligent competent based learning path prediction in HR System	Sameed Qureshi (MS Student)	2020
5	An ontological model for software-defined embedded system	Sumayya Abid (MS Student)	2020
6	An intelligent inquiry based learning environment using ontology-driven approach	Syed Ahmed Bukhari (MS Student)	2019
7	A statistical based continuous Urdu speech recognition system using CMU Sphinx-4	Ali Akhtar (MS Student)	2018
8	An ontological approach for context-aware game-based learning for museum exhibits using iBeacons	Muhammad Zeeshan (MS Student)	2018
9	A student performance evaluation of flipped classroom learning using decision tree	Fatima Bashir (MS Student)	2017
10	A context-aware mobile creative learning using digital storytelling approach	Sameena Javaid (MS Student)	2015
11	An ontological approach to emotion analysis in software team discussion forums	Huma Tabassum (MS Student)	2015 (Completed)

Final Year Projects' Supervisions

S.No	Final Year Project Title	Students' Names	Completion Year
1	RentLent: Forget the Rest	Fakeha Tariq, Ruba Abid, Irzam Latif	2020
2	A-SIPS: Adaptive System For Identification of Plantation Sector	Ayesha Zahid, Armash Ali & Shayan Haji	2019
3	FUNDSRACK: An online welfare funding portal using block chain technology	Naizam Sher Malik, Abdul Karim & Asad Tariq	2019

4	An arduino based glove for sign language Urdu interpretation (**Funded By IGNITE, Pakistan**)	Maha Saleem, Asma Tariq and Ramsha Iqbal	2018
5	DUKANWALA: A shopping solution for street shopkeepers	Muhammad Samiullah Khan & Mehtab Ahmed	2017
6	Automated toll management system	Zohaib Hassan Nizami, Zareen Shakeel & Syed Osama	2017
7	KLAME: Kinect based learning application for museum exhibits	Tayyab Mansoor, Laraib Tahir, Waleed Hussain & Syed Muhammad Usman	2016
8	MAPILS: A mobile augmented reality plant inquiry learning system	Bilal Nasir, Muhammad Umer Rauf, Junaid Ahmed Khan & Syed Shahrukh Ali	2016
9	SILIK: Kinect based sign language interpreter for customer helpdesks	Nasr Kamal, Sobia Noreen Bajwa, Uzma Shehzadi & Muhammad Anas Zia	2016
10	An e-learning application for collaborative distance database learning	Muhammad Zubair Khan Qureshi, Arooj Gul & Sarmad Kaleem	2015
11	A mobile based location aware school van operations management system	Shoaib Muhammad Yaqoob, Ali Azaz Alam & Mian Muhammad Fawwad Idrees	2015
12	Ubi-Shopping: A ubiquitous shopping application using indoor technologies	Murad Ali Baig, Hubab Khalid Khan, Tooba Ahmed	2015
13	MGAT-PREP: A mobile graduate assessment test preparation tool	Ayesha Asmat, Sehrish Batool & Saira Amin	2015
14	A guided application for correcting exercising postures using Kinect	Mohsin Raza Khan, Umair Akhtar & Haroon Nafees	2015
15	Virtual changing room using Kinect	Amin Motiwala, Muhammad Arsalan Khan & Muhammad Masood Qazi	2015
16	Smart docs view	Muhammad Ahmer Zaman, Noreen Ashraf & Nayab Tahir	2014

17	Speech2Sign: The metacognitive gadget for disabled users	Syed Shahzaib Ahmed & Mohsin Bashir	2014
18	Facebook post feedback analyzer	Shoaib Malik, Asad Raza & Sahar Fatima Mubashir	2014
19	Interior design using augmented reality environment	Muhammad Talha Alam, Rabail Murad & Syeda Sanober Ali	2014
20	Androbot: A monitoring and controlling of the robotic car using android devices	Faisal Ahmed Siddiqui, Sahar Ansari & Zainab Shah Gilani	2014
21	M-Tagging recommender: adaptive personal assets management application	Rozmeen Momin & Fasiha Ikram	2013
22	M-Tourism: An interactive touring and learning application for city exploration (**Funded By National ICT R&D Project, Pakistan**)	Huma Jabeen Mughal & Summaiyah Muhammad Sabir	2013

Affiliations & Memberships

❖ Pakistan Engineering Council – Lifetime Membership (**Since November, 2017**)

❖ Australasian Informing Science Institute Founding Member (**Since June, 2015**)

Personal Information

Birth Date: 9th March, 1981

Present Address: K-501, Zainab Plaza, Gulshan-e-Iqbal, Block # 17, Karachi, Pakistan

Research Profile: https://www.researchgate.net/profile/Sohaib_Ahmed8

Teaching Profile: https://sites.google.com/site/drsohaibcs/

Google Citations: 259

References

❖ **Dr. Moazzam Fareed Niazi**
BB Soc Engineer (Baseband System-on-Chip Engineer)
Nokia Solutions & Networks,
Karakaari 7, 02610 Espoo, Finland
Tele: +358-10-44-88-000
Cell: +358-40-663-5784
moazzam.niazi@gmail.com

❖ **Dr. Osama Hussain Rehman**
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