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Associate Professor, CS Department,
College of Computer Science & Engineering,
Taibah University
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EDUCATION

- Ph.D. (Specialized in Artificial Intelligence), University of Essex, U.K., 1998
- M.Sc. Computer Science (Specialized in Artificial Intelligence), University of Essex, U.K.1992
- B.E. (Computer Systems Engineering), NED University of Engineering & Technology, Karachi, Pakistan, 1989
- **PhD Title:** “A Comparison of Encoding Schemes for Neural Network Evolution”

RESEARCH INTERESTS

Artificial Intelligence, Genetic Algorithms, Artificial Neural Networks, Information Technology, Health Informatics, Intelligent Information Systems, Expert Information Systems, Evolutionary Programming, Pattern Recognition, Decision Support Systems, Computer Forensic and Cyber Security, etc.

TEACHING EXPERIENCE HISTORY

- Teaching Computer Science/Engineering courses to various levels of students at Department of Computer Science, College of Engineering & Computer Science, Taibah University, Madinah, Saudi Arabia (July 2018 to date)
- Teaching Computer Science/Software Engineering/Forensic Computing and Cyber Security programs courses to various levels of students at College of Computer Science & Information Technology, Prince Mugrin Bin Abdulaziz University, Madinah, Saudi Arabia (August 2015 to July 2017)

- Teaching Computer Science/Engineering courses to various levels of students at Department of Computer Science, College of Engineering & Computer Science, Taibah University, Madinah, Saudi Arabia (Oct 2005 to August 2015)
- Teaching undergraduate and postgraduate computer science/information technology courses at Karachi Institute of Information Technology, Karachi – Pakistan (External campus of University of Huddersfield, UK) - May, 1998 to September 2005
- Software Lab demonstrator for undergraduate Computer Science course at School of Computer Science & Electronic Systems Engineering, University of Essex, UK (1993-1996)

EMPLOYMENT AND RESPONSIBILITIES HISTORY

- **Associate Professor**, Department of Computer Science, College of Computer and Engineering, Taibah University, Madinah, Kingdom of Saudi Arabia, 30 July 2018 to date
- **Head** Quality Assurance and Development (QAD) Committee, CS Department, Taibah University, KSA, February 2020 to date.
- **Head** ABET Accreditation Sub-Committee of Quality Assurance and Development (QAD) Committee, CS Department, Taibah University, KSA, January 2019 to January 2020.
- **Member Quality and Academic Accreditation Committee**, College of Computer Science and Engineering, Taibah University, October 2020 to date
- **Member Program Accreditation Committee** for CS Program, CS Department, College of Computer Science and Engineering, Taibah University, November 2019 to date
- **Member Supervision and Drafting Committee** for CS Program, CS Department, College of Computer Science and Engineering, Taibah University, November 2019 to date
- **Member Faculty Skills Development Committee**, CS Department, College of Computer Science and Engineering, Taibah University, October 2019 to August 2020
- **Head of Department**, Software Engineering, College of Computer Science & Information Technology, Prince Mugrin Bin Abdulaziz University, January, 2017 to July 2017

- **Member Quality Committee**, College of Computer Science & Information Technology, Prince Mugrin Bin Abdulaziz University, March 2017 to July 2017
- **Designer and Developer** of curriculum of ‘BSc in Computer Forensics and Cyber Security’ program, College of Computer Science & Information Technology, University of Prince Mugrin, Madinah, 2015-2017 [First academic program in KSA]
- **Designer and Developer** of curriculum of ‘BSc in Computer Science’ program, College of Computer Science & Information Technology, University of Prince Mugrin, Madinah, 2015-2017
- **Designer and Developer** of curriculum of ‘BSc in Software Engineering’ program, College of Computer Science & Information Technology, University of Prince Mugrin, Madinah, 2015-2017
- **Member Academic Council**, College of Computer Science & Information Technology, Prince Mugrin Bin Abdulaziz University, 2015 to July 2017
- **Member Foundation Academic Committee**, Prince Mugrin Bin Abdulaziz University, Madinah, Kingdom of Saudi Arabia, September 2015 to July 2017
- **Member Curriculum Design Committee**, College of Computer Science & Information Technology, Prince Mugrin Bin Abdulaziz University, Madinah, Kingdom of Saudi Arabia, September 2015 to date
- **Member Selection Board for Computer Science Faculty Staff**, College of Computer Science & Information Technology, Prince Mugrin Bin Abdulaziz University, Madinah, Kingdom of Saudi Arabia, April 2016 to July 2017
- **Member Academic Programs Review Committee**, Prince Mugrin Bin Abdulaziz University, Madinah, Kingdom of Saudi Arabia, April 2016 to July 2017
- **Member Computer Science College Committee for Recommendations on Functions and Responsibilities of the College Council Board**, College of Computer Science & Information Technology, Prince Mugrin Bin Abdulaziz University, Madinah, Kingdom of Saudi Arabia, April, 2016 to July 2017
- **Member University Committee for Course Syllabus Design Committee**, Prince Mugrin Bin Abdulaziz University, Madinah, Kingdom of Saudi Arabia, November, 2016 to December 2016
- **Associate Professor**, Department of Computer Science, College of Computer and Engineering, Taibah University, Madinah, Kingdom of Saudi Arabia, October 6, 2005 to August 2015

- **Member and Recorder**, Education Affairs Unit (EAU), College of Computer Science & Engineering, Taibah University, May 2014 to date
- **Member, Self-Study Quality Assurance Report Team**: Standards Evaluation for the CS Programme, College of Computer Science and Engineering, Taibah University, January 2012 to date
- **Member, Project Team**, “NCAAA Self-Study Quality Assurance Project”: Standards Evaluation for the CS Programme’, College of Computer Science and Engineering, Taibah University, January 2012 to date
- **Member, Project Team**, ‘NCAAA Design and development of the Program and Study plan specification for B.Sc.in CS’, College of Computer Science and Engineering, Taibah University, 2010 to 2013
- **Consultant to Dean**, College of Computer Science and Engineering, Taibah University, Madinah, Kingdom of Saudi Arabia, (October 2012 to October 2013)
- **Chairman, Committee of Strategic Planning**, Department of Computer Science, College of Computer Science and Engineering, Taibah University, Madinah, Kingdom of Saudi Arabia, December 2012 to date
- **Evaluator, Research Project Proposal**, King Abdulaziz City for Science and Technology (KACST) for possible funding in the **35th** Limited Grants Program (November 2014)
- **Member, College Committee of Quality Assurance**, College of Computer Science and Engineering, Taibah University, Madinah, Kingdom of Saudi Arabia, (February 2013 to date)
- **Member**, Software Engineering Curriculum Development Committee, Taibah University, Madinah, KSA (April 2014 to date)
- **Member**, Computer Science Curriculum Development Committee, Taibah University, Madinah, KSA (November 2013 to date)
- **Member, University Committee of Curriculum Accreditation**, Taibah University, Madinah, Kingdom of Saudi Arabia, March 2013 to March 2014
- **Member, Board of Internal Reviewers and Experts** for Strategic Research Projects Program and KACST, Kingdom of Saudi Arabia, National Science, Technology and Innovation Plan, 2010 to date.

- **Member, Research Committee**, Department of Computer Science, College of Computer Science and Engineering, Taibah University, Madinah, Kingdom of Saudi Arabia, (October 2012 to date)
- **Member, Evaluation Committee**, Preparatory conference for 6th National Scientific Conference of Higher Education for Students, Kingdom of Saudi Arabia, organized by Taibah University, Madina, February, 2015
- **Member, Technical Program Committee**, The 4th International Conference on Advances in Computing, Communications and Informatics (ICACCI2015), 10-13 August 2015, Kochi, Kerala, India
- **Member, Paper Review Committee**, International Conference on Renewable Energies for Developing Countries (REDEC 2014), 26-27 November 2014 Beirut, Lebanon
- **Member, Technical Program Committee**, IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (IEEE SPICES 2015), 19-21 February 2015, Calicut, Kozhikode, India.
- **Member, Technical Program Committee**, 17th IEEE Mediterranean Electrotechnical Conference (MELECON 2014), 13-16 April 2014 Beirut, Lebanon
- **Member, Technical Program Committee**, Second International Symposium on Knowledge-intensive Software Engineering (KiSE'14), in conjunction with 3rd International Conference on Advances in Computing, Communications and Informatics (ICACCI2014), 24-27 September, 2014 Delhi, India
- **Member, Scientific Committee**, 5th International Conference on Information and Communication Technologies (ICICT). 14-15 December, 2013, Institute of Business Administration (IBA), Karachi, Pakistan
- **Member, Evaluation of Conference Papers**, 5th National Scientific Conference of Higher Education for Students, Riyadh, Kingdom of Saudi Arabia, April 2014
- **Session Chair** of 'Knowledgebase for Quran and its Sciences', 2013 Taibah University International Conference on Advances in Information Technology for the Holy Quran and its Sciences" (NOORIC), Madinah, Kingdom of Saudi Arabia, 22-25 December, 2013
- **Member, Evaluation Committee**, Preparatory conference for 5th National Scientific Conference of Higher Education for Students, Kingdom of Saudi Arabia, organized by Taibah University, Madina, December, 2013

- **Member/Referee, Paper Review/Evaluation Committee**, Taibah University International Conference on Advances in Information Technology for the Holy Quran and its Sciences" (NOORIC), Madinah, Kingdom of Saudi Arabia, 22-25 December, 2013
- **Member, Scientific Committee**, 5th International Conference on Information and Communication Technologies (ICICT). 14-15 December, 2013, Institute of Business Administration (IBA), Karachi, Pakistan
- **Member, Evaluation of Conference Papers**, 4th National Students conference of Higher Education, Makkah, Kingdom of Saudi Arabia, May 2013
- **Member, Evaluation Committee**, Preparatory conference for 4th National Students conference of Higher Education, Kingdom of Saudi Arabia, organized by Taibah University, Madina, January, 2013.
- **Dean**, Karachi Institute of Information Technology (KIIT), an external campus of University of Huddersfield, U.K. (January 15, 2003 to September 2005)
- **Pathway Leader** for B.Sc. (Software Development) and M.Sc (CS) programmes, Karachi Institute of Information Technology, an external campus of University of Huddersfield, U.K. (May, 1998 to September 2005)
- **Quality Assurance Co-ordinator** at Karachi Institute of Information Technology (KIIT), an external campus of University of Huddersfield, U.K. (May 1998 to August 2003)
- **Head Industrial Liaison** Department, KII, an external campus of University of Huddersfield, U.K. (Jan 2003 to September 2005)
- **Chairman Assessment Board**, KIIT, an external campus of University of Huddersfield, U.K (Jan 2003 to Sept 2005)
- **Member**, Board of Studies for the Department of Computer and Information Systems Engineering, NED University of Engineering. & Technology, Karachi (Dec 2004 to September 2005)
- **Member**, Board of International Experts for the Department of Computer Systems Engineering, Mehran University of Engineering. & Technology (MUET), Jamshro, Sindh, Pakistan (September 2012 to date)
- **Member, Evaluation Committee**, Preparatory session, 3rd National Students conference of Higher Education, Kingdom of Saudi Arabia, organized by Taibah University, Madina, February 4-5, 2012

- **Coordinator**, "Pattern Recognition & Machine Intelligence" Research Lab, Taibah University, Madinah, KSA, June 2009 to date
- **Member, Technical Program Committee**, International Symposium on Knowledge-intensive Software Engineering (KiSE'13), in conjunction with 2nd International Conference on Advances in Computing, Communications and Informatics (ICACCI2013), August 22-25, 2013, Mysore, India
- **Member**, Program Committee, The Information Communication Technology – EurAsia Conference 2013, Yogyakarta, Indonesia, 25th-29th March, 2013.
- **Member**, Technical/Review committee, the 2012 International Symposium on Foundation of Open Source Intelligence and Security Informatics (FOSINT-SI 2012), Istanbul, Turkey, August 27-28,2012
- **Member**, Organizing/Technical Committee of MASAUM International Conference on Computer Science 2012 (MIC-CS12), October 26-28 2012, Kuala Lumpur, Malaysia
- **Member**, Program and Technical committees, 2012 European Intelligence and Security Informatics Conference (EISIC 2012), August 22-24, 2012 at Odense, Denmark
- **Member**, Scientific Committee, 1st International Conference on Computing and Information Technology (ICCIT), 12-14 March 2012, Taibah University, Madinah, KSA
- **Member**, Technical Program Committee (TPC), The Second International Conference on Communications and Information Technology ICCIT 2012, June 26-28, 2012, Hammamet, Tunisia
- **Member**, Technical committee, 2nd International Conference on Computer and Emerging Technologies (ICCET), February 23-25, 2012, Shah Abdul Latif University, Khairpur, Sindh, Pakistan
- **Member**, Committee for Education Process, Self Study Education Team, College of Computer Science & Engineering, Taibah University, Medina, KSA, March 2012 to date
- **Chair Person** of one session of the '1st International Conference on Computing and Information Technology (ICCIT)', 12-14 March 2012, Taibah University, Madinah, KSA
- **Coordinator** of multiple sessions of the '1st International Conference on Computing and Information Technology (ICCIT)', 12-14 March 2012, Taibah University, Madinah, KSA

- **Member**, Program and technical committees, 2011 European Intelligence and Security Informatics Conference (EISIC 2011), September 12-14, 2011, Athens, Greece
- **Member**, Scientific Committee, 4th International Conference on Information and Communication Technologies (ICICT). 23-24 July, 2011, Institute of Business Administration (IBA), Karachi, Pakistan
- **Member**, Technical committee, 1st International Conference on Computer and Emerging Technologies (ICCET), April 22-23, 2011, Shah Abdul Latif University, Khairpur, Sindh, Pakistan
- **Member**, "Outreach Committee for Scientific Research in College", Taibah University, Madinah, KSA, April 2009 to date
- **Coordinator**, College Curriculum Review/Development Committee (CCRC), Taibah University, Madinah, KSA (February 2008 to 2011)
- **Member**, Advisory committee for the department of industrial/system engineering, College of Engineering, Taibah University, Madinah, KSA (October 2007 to Sept 2008)
- **Member**, Scientific Committee, ", 3rd International Conference on Information and Communication Technologies (ICICT), 15-16 August 2009, Institute of Buisness Administration (IBA) , Karachi, Pakistan
- **Member**, IT working group of Strategic Research in Science & Technology Programme, a program to enhance the research and development endeavors in the KSA (March 2008 to 2011)
- **Member**, Scientific Committee, "Information Security Symposium 2006", Taibah University, Madinah, KSA (May 2006)
- **Member**, Course Accreditation Committee, Taibah University, Madinah, Saudi Arabia (October 2005 to 2011)
- **Member** Course Syllabus Design Committee, Department of Programming & Applications, College of Computer and Engineering, Taibah University, Madinah, Saudi Arabia (October 6, 2005 to 2011)
- **Author**, 'Collaborative Research Center for Intelligent Information Systems (CRCIIS), Taibah University, Madinah, Saudi Arabia (July 1009)
- **Author**, "Research Policies & Regulations document" for College of Computer Sciences & Engg, Taibah University, Madinah, Saudi Arabia (June 2007)

- Final year students **project supervisor and examiner**, Taibah University, Madinah, Saudi Arabia (October 2005 to date)
- **Superintendent of Examination**, Taibah University, Madinah, Saudi Arabia (October 2005 to date)
- **Students Advisor**, CS Department, College of Computer Science & Engineering, Taibah University, Madinah, Saudi Arabia (October 2005 to date)
- **Author**, various undergraduate and postgraduate "Annual Pathway Reports", Karachi Institute of Information Technology, external campus of University of Huddersfield, U.K. (1998 to 2005)
- **Member** Board of Studies for the MS Engineering Programs, Usman Institute of Technology (Affiliated with Hamdard University, Karachi, 2004 to September 2005)
- **Member** Program Committee, & Session Chair & Keynote Speaker, “ANN workshop: Data preparation techniques and applications development In Conjunction with International Conference on Informatics in Control, Automation & Robotics”, August 25-28 2004 Setubal, Portugal
- **Chair Program Committee**, INMIC 2002 Conference, jointly organised by IEEE & KIIT, 27-28th December, 2002, Karachi, Pakistan (ISBN 0-7803-7716-9)
- **Chair Person** of one session of a FOUR days Workshop on Neural Network Computing, organised by the Continuing Education Centre, NED, University of Engineering & technology, Karachi June 2003
- **Chair Person** of one session of a three days Workshop on Artificial Intelligence in Karachi, organised by the Continuing Education Centre, NED University Karachi, April 1999
- **Member** Technical Committee & Session Chair, IEEE SCONEST 2004 – Student Conference on Engineering and Technology, organized jointly by IEEE Karachi and JUW, NEDUET, & PAF KIET , December 29-30, 2004 Karachi.
- **Member** Curriculum Board Designer for BCS/MCS courses IBA Sukkur, Pakistan (2001-2003)
- **Examination Superintendent** at Karachi Institute of Information Technology (1998-2002)
- **Group Leader**, KIIT “Artificial Intelligence Research Group” (1998 to 2005)

- **Head, Foundation Year** Course at KIIT (2000 to August 2003)
- **Pathway Leader**, B.Sc.(Hons)/B.Sc. Computing Software Dev. (2003 to 2005)
- **Pathway Leader**, M.Sc. Software Development, Information Systems, & IAD programmes (2002 to 2005)
- **Member** KIIT Pathway Committee, Teaching Committee, & Management Committee (1998 to 2005)
- **Project Supervisor** for undergraduate and postgraduate projects (1999 to 2005)
- **Project Supervisor/External Examiner** for MSc./M.Phil. students of Sir Syed University, Karachi, Dept. of CS, Univ. of Karachi, etc. (2000 to 2005)
- **Examination Superintendent/Invigilator** for **4** years at Department of Electronic Systems Engineering, University of Essex, England (1993-1996)
- **Co-ordinator and designer** of various short-courses conducted at Karachi Institute of Information Technology (May, 1998 to 2005)
- **Co-ordinator** of Admission Campaign at Karachi Institute of Information Technology (May, 1998 to 2005)
- **Editor**, KIIT Newsletter (1999-2003)
- **Member**, KIIT Internal Moderation Board (Summer 2001 to 2005)
- **Group leader** for M.Sc. project on design of "Holiday Package Advisor Expert System " (Essex, U.K., 1992) & Group leader for M.Sc. project on design of "Data Base Management Systems for a Shoe Store" (Essex, U.K., 1992)
- **Member**, Student Unions, University of Essex. U.K., 1992-1997
- **Representative** for Islamic Society, University of Essex, UK. 1992-1997

PUBLICATIONS (JOURNALS and CONFERENCES) HISTORY:

1. "A Survey of Applications of Expert Systems in Medical and Farming", Abrar A. Almuhanha, Marwa M. Alrehili, Samah H. Alsubhi and Abdul Ahad Siddiqi (in process of submission).
2. "A Survey of Using Expert Systems for Career Guidance", Rawan Alhujili, Enas Alhazmi, Enas Alrehily and Abdul Ahad Siddiqi (in process of submission).
3. "Survey of Expert Systems Roles in Diagnosis and Treatment of Alzheimer Disease", Bashaer A. Alhejaily, Raghad Abdulghani, Amal S. Rehaily and Abdul Ahad Siddiqi, November 2020, (in process of submission).
4. "Expert Systems for Breast Cancer Diagnosis: A Survey", Ruba M. Alhejili, Rahaf F. Alahmadi and Abdul Ahad Siddiqi (in process of submission).
5. "A Survey of Expert Systems for Diagnosis of Coronavirus Disease", Dalal R. Albeladi, Rawan A. Alraddadi, Manar H. Aloufi and Abdul Ahad Siddiqi, November 2020, (in process of submission).
6. "A Survey of Expert Systems for Diagnosing Characteristics of Children with Special Needs", Najla H. Alharbi, Nuha A. Alanezi, Zainab S. Alharthi and Abdul Ahad Siddiqi (in process of submission).
7. "Transliteration of Knowledge Retrieval in Urdu from Holy Quran using state of the art Information Technologies", Zameer Ahmed Adhoni, Abdul Ahad Siddiqi, Zaheer Ahmed Adhoni, and Latifa El Mortaji, In IEEE International Conference on Reliability, Optimization and Information Technology (ICROIT 2014), India Feb 6-8 2014, pages 359-363.
8. "A Cloud-based Cross Language Search Engine for Quranic Applications", Zameer Ahmed Adhoni, Husam Al Hamad, Abdul Ahad Siddiqi, Zaheer Ahmed Adhoni, In IEEE Advanced Communication Technology (ICACT), 2014 16th Conference, Phoenix Park, Pyeongchang Korea, 16-19 Feb 2014, pages 218-223
9. "An Instant-Based Qur'an Memorizer Application Interface", IEEE 3rd International Conference on Information Science and Cloud Computing (ISCC2013), December 2013, at Guangzhou, China, Zameer Ahmed Adhoni, Husam Al Hamad, Abdul Ahad Siddiqi and Zaheer Ahmed Adhoni, December 2013, Guangzhou, China
10. "A Programming Approach for the Digital Quran Applications", Zameer Ahmed Adhoni and Abdul Ahad Siddiqi, International Journal of Engineering & Computer Science (IJECS-IJENS), Vol.13 No:05, October 2013, PP. 26-35

11. "Online Qur'an Portal and Mobile Friendly Qur'an", Zameer Ahmed Adhoni, Abdul Ahad Siddiqi, Husam Al Hamad, and Latifa El Mortaji, Taibah University International Conference on Advances in Information Technology for the Holy Quran and its Sciences" (NOORIC), Madinah, Kingdom of Saudi Arabia, 22-25 December, 2013
12. "Cloud-based Online Portal and Mobile Friendly Application for Holy Quran", Zameer Ahmed Adhoni, Abdul Ahad Siddiqi, Husam Al Hamad, Mohammad Parvez, and Zaheer Ahmed Adhoni, Life Science Journal, 2013; 10(12s), PP524-538. [Paper: http://www.lifesciencesite.com/ljsj/life1012s/087_22058life1012s_524_538.pdf]
13. "CBQ-API: A Cloud-based Programming Interface for Quranic Applications", Zameer Ahmed Adhoni, Abdul Ahad Siddiqi, Husam Al Hamad and Eng. Zaheer Adhoni, in Proceedings of IEEE 3rd International Conference on IT Convergence and Security (ICITCS 2013), December 16th-18th, 2013, Macau, China.
14. "Biometrics-Based Time and Attendance Management System for Female Students in Saudi Universities", Ahmed Abdul Qadir Albakri, Mazen Alharbi, Ahmed Al-Enazi, Sayer Aljohani, and Dr. Abdul Ahad Siddiqi, Preparatory session, 4th National Students Conference of Higher Education, Kingdom of Saudi Arabia, organized by Taibah University, Madina, January, 2013
15. "Implications of using Artificial Intelligence in Modern Warfare", Abdul Ahad Siddiqi, 1st Taibah University International Conference on Computing and Information Technology Al-Madinah Al-Munawwarah, Saudi Arabia, 12-14 March 2012
16. "Profile Based Online News Alerts and Services Agent", Hajer Al-Matrafi, Hanaa Atef, Hanan Al-Oufi, & Abdul Ahad Siddiqi, 1st Taibah University International Conference on Computing and Information Technology Al-Madinah Al-Munawwarah, Saudi Arabia, 12-14 March 2012
17. "Traveller's Information Authentication System using Biometrics", Ahad Abdulgader Altayeb, Raghdah Hussein Saem Aldahr, Ruba Salah Eldin Marie, Sara Faisal AlNouzha ALzuguibi & Abdul Ahad Siddiqi, Preparatory session, 1st Taibah University International Conference on Computing and Information Technology Al-Madinah Al-Munawwarah, Saudi Arabia, 12-14 March 2012
18. "Ethics of using Artificial Intelligence in Military – A keynote speech", Abdul Ahad Siddiqi, Proceedings of 4th Int'l Conf. on Information and Communication Technologies (ICICT) 2011, July 23-24, Karachi, Pakistan

19. "Multistage Hybrid Arabic/Indian Numeral OCR System", Yasser M. Alginahi, Abdul Ahad Siddiqi, In International Journal of Computer Science and Information Security (IJCSIS), Vol. 8, No. 1, 2010, Pp:9-18
20. "A Proposed Hybrid OCR System for Arabic and Indian Numerical Postal Codes ", Yasser M. Alginahi, Abdul Ahad Siddiqi, The 2009 International Conference on Graphic and Image Processing (ICGIP), Kota Kinabalu, Malaysia, Nov. 13-15, 2009, Vol.2, Pp:400-404
21. "Design and development of Postal OCR system to recognize the addresses' post codes, used in Middle Eastern countries", Dr. Yasser Alginahi, & Dr. Abdul Ahad Siddiqi, 10th International Conference on Document Analysis and Recognition (ICDAR'2009), Barcelona, Spain, 2009 (submitted, ref:220)
22. "Use of Information and Mobile Computing Technologies in Healthcare Facilities of Saudi Arabia", Abdul Ahad Siddiqi, Munir Ahmed, Abdulrahman AlHarbi, & Yasser Alginahi, 3rd Int'l Conf. on Information and Communication Technologies (ICICT) 2009, Karachi, Pakistan, Pp:289-294
23. "ICT Students Stress & Coping Technologies – English as Second Language: A Case Study for a Midsize University in Middle East", Munir Ahmed, Yasser Alginahi, Omar Tayan, & Abdul Ahad Siddiqi, No. 2, Volume 5, 2009, "Journal of Research Trends in Information Management (TRIM)", India, Pp:111-127
24. "Comprehensive Patient Health Care System for the Saudi Hospitals using Information and Mobile Computing Technologies", Abdul Ahad Siddiqi, Munir Ahmed, Abdulrahman AlHarbi, & Yasser Alginahi, No. 2, Volume 5, 2009, "Journal of Research Trends in Information Management (TRIM)", India, Pp:167-183
25. "Evaluation of Effective SIP-based IP telephony Anti-Spamming Techniques", Agha Khurram Shah & Abdul Ahad Siddiqi, **Proceedings** of Information Security Symposium 2006, Taibah University, Madinah, Saudi Arabia, May 2-4, 2006, Pp: 253-259.
26. "Genetically evolving higher order neural networks using direct encoding method", Abdul A. Siddiqi, **International Conference** on Computational Intelligence and Multimedia Applications, (ICCIMA) August 16-18, 2005 University of Nevada, Las Vegas, USA, Pp. 62-67
27. "Evolving Higher Order Neural Networks", Abdul Ahad Siddiqi, Technical workshop on developing ANN systems (in conjunction with International Conference on Informatics in Control, Automation and Robotics - ICINCO 2004) on 24-25 August 2004 at Setubal, Portugal, Pp.23-35

28. 'A comparison of Matrix rewriting versus direct encoding for evolving neural networks', Abdul A. Siddiqi & Simon M. Lucas, **IEEE International Conference** on Evolutionary Computation (ICEC), Alaska, U.S.A., 1998, Pp:392-397
29. Design of Neural Architectures using Genetic algorithms', Abdul A. Siddiqi Neural and VLSI Systems **Research Colloquium**, May 1995, Essex University, U.K.
30. 'Statistical Comparison of explicit v/s implicit chromosome codes for neural networks', Abdul A. Siddiqi, Neural and VLSI Systems **Research Colloquium**, June 1997, Essex University, U.K.
31. 'Agent Based Virtual Markets(ABVM) Facilitating Electronic Commerce, Dr. Abdul Ahad Siddiqi & Asma Mushakbar Paracha & Narmeen Shawoo Bawany, NWTIT 2003 National IT workshop in collaboration with Pakistan **Journal of Information and Technology (PJIT)**, Islamabad November 2003'
32. 'GEO-INTELLIGENT VEHICLE TRACKING SYSTEM', Abdul Ahad Siddiqi & Syed Fahad Hasan, "**SCONEST 2003**" **Conference** organized by **IEEE-HIIT**, October 2003, Karachi, Pakistan (SCON-C15)
33. 'Learning Algorithms and their Applications", Abdul Ahad Siddiqi, "Workshop on Neural Network Computing", organized by, **Centre for Continuing Education (CCEE)**, **NED University** of Engineering & Technology, Karachi – Pakistan, June 2003 & December 2003
34. 'Wireless Guiding System based on GPS', Abdul Ahad Siddiqi. Imdad Ali Ismaili, Syed Abid Ali Shah, "**IEEE-INMIC 2002**" **International Conference**, 27-28 December 2002, Karachi, Pakistan (ISBN 0-7803-7716-9)
35. 'Use of Case Based Reasoning in Development of Software Agents', Abdul Ahad Siddiqi & Sarah Suhail, "**IEEE-INMIC 2002**" **International Conference**, 27-28 December 2002, Karachi, Pakistan (ISBN 0-7803-7716-9)
36. 'Mobile Software Agents for E-Trading (MSAT)', Abdul Ahad Siddiqi & M. Asif Riaz, Abstract published in "**IEEE-INMIC 2001**" **International Conference**, 28-30 December 2001, Lahore, Pakistan
37. 'Intelligent Telephone Operator', Abdul Ahad Siddiqi & Fayyaz Ahmed Shaikh, "AQ Khan's 14th **All Pakistan Software Competition (APSC)**", July 2003, Islamabad, Pakistan (abstract published under Ref: SG27-2003)

PUBLICATIONS (Other)

1. "Travelers' Information Authentication System using Biometrics", Ahad Abdulgader Altayeb, Raghda Hussein Saem Aldahr, Ruba Salah Eldin Marie, Sara Faisal AlNouzha ALzuguibi and Dr. Abdul Ahad Siddiqi, 'Abstracts of the Undergraduate Project Posters', College of Computer Science and Engineering, Taibah University, Madinah, KSA. (March 2012)
2. "Learning skills and Jobs outlook for Computer Science and Information Science graduates", 3rd Annual Graduation Day, College of Computer Science and Engineering, Taibah University, Madinah, KSA, 15 May, 2011
3. "A Comparison of Encoding Schemes for Neural Network Evolution", a book to be published in LAP LAMBERT Academic Publishing AG & Co. KG Saarbrücken, Dudweiler Landstraße 99, 66123 Saarbrücken Germany (In process)
4. "Promotion of British IT Education System in Pakistan", published in various special supplements in "Daily Dawn Newspaper", Karachi, Pakistan (1998-1999)
5. Article on "KIIT – An Icon of British Education" - supplement on British Council, published in Daily Dawn, Karachi 31 March 2003
6. Article on "KIIT – Leader in IT education" in connection with "Multi Node Video Conferencing" organised by KIIT published in Daily Dawn, Karachi, 14th October, 2001
7. Article on "KIIT – A Success Story" published in Daily Dawn, Karachi 20 September, 2001
8. Article on "Teaching Methodology and Quality Education" published in Daily Dawn, Karachi, 17 September, 2000
9. Article on "KIIT: A Mirror of British IT Education System in Pakistan" published in Daily Dawn, Karachi, 8 September, 1999
10. Article on "Teaching Pattern at KIIT" – supplement on British Council, published in Daily Dawn, Karachi, 13 August, 1999
11. Article on "Learning/Teaching at KIIT" published in Dawn, Karachi, 14 December, 1998

12. Article on “Learning/Teaching at KIIT” published in Daily Dawn, Karachi, 14 September, 1998
13. Booklet on, ‘The Rulings of Ramadaan’, Islamic Society of the University of Essex, Colchester, U.K. (December 1994).

PRESENTATIONS/PARTICIPATION

1. **Delivered** a presentation on ‘Awareness Session on ABET Criterion 1 and 5-8’, CS Department, College of Computer Science and Engineering, Taibah University, 24th October, 2019
2. **Delivered** a Workshop on ‘ABET Accreditation of CS Program – Preparation for the Team Visit’, CS Department, College of Computer Science and Engineering, Taibah University, 15th October, 2019
3. **Delivered** a presentation on ‘Awareness Session on Course Learning Outcomes (CLOs) for ABET Accredited Programs’, CS Department, College of Computer Science and Engineering, Taibah University, 8th October, 2019
4. **Delivered** a Workshop on ‘Assessment of Course Learning Outcomes (CLOs) for ABET Accredited Programs’, Conference Hall, Taibah University, 16th October, 2018
5. **Participated** in Workshop on “Preparing Graduates for Job Market in the Kingdom”, organized by Taibah Valey, Madinah, Kingdom of Saudi Arabia, 11 February, 2019
6. **Participated** as Session Chair, 2013 Taibah University International Conference on Advances in Information Technology for the Holy Quran and its Sciences" (NOORIC), Madinah, Kingdom of Saudi Arabia, 22-25 December, 2013
7. **Participated** as Evaluation committee member, Preparatory conference for 5th National Scientific Conference of Higher Education for Students, Kingdom of Saudi Arabia, organized by Taibah University, Madina, December 16, 2013
8. **Participated** as Co-PI for the research project in a Seminar organized by, ‘Promising Research Center in IT for the Holy Quran and its Sciences (NOOR), Madinah, Kingdom of Saudi Arabia, May 16, 2013
9. **Planning to attend** the 5th International Conference on Information and Communication Technologies (ICICT). 14-15 December, 2013, Institute of Business Administration (IBA), Karachi, Pakistan (subject to availability of funding)

10. **Participated** in Workshop on, ‘Curriculum Development and Accreditation’, organized by Deanship of Development, Taibah University, Madina, March 10, 2013
11. **Participated** as Co-PI in the ‘Fourth Seminar for Research Projects on Promising Research Center in IT for the Holy Quran and its Sciences (NOOR)’, Madinah, Kingdom of Saudi Arabia, 30th October, 2013
12. **Presented** a lecture for college faculty development lecture series program on, “Strategic Planning”, College of Computer Science and Engineering, Taibah University, Madinah, KSA, 10th February, 2013
13. **Prepared** a lecture for college faculty development lecture series program on, “Exams and Assessments – Principles and Practices”, College of Computer Science and Engineering, Taibah University, Madinah, KSA, 5th March, 2013
14. **Participated** as Co-PI for the research project in a Seminar organized by, ‘Promising Research Center in IT for the Holy Quran and its Sciences (NOOR), Madinah, Kingdom of Saudi Arabia, February 14, 2013
15. **Participated** in Microsoft Mega Event at Taibah University, Madinah, Kingdom of Saudi Arabia, February 7, 2013
16. **Participated** as Co-PI for the research project in a Workshop organized by, ‘Promising Research Center in IT for the Holy Quran and its Sciences (NOOR), Madinah, Kingdom of Saudi Arabia, October 8, 2012
17. **Participated** as Researcher in Annual Unit Presentation for the Strategic Research Programs at Taibah University, Research Laboratory Building, Madinah, Kingdom of Saudi Arabia, October 1, 2012
18. **Presented** a lecture on, “Learning skills for students of Computer Science programme”, and delivered as part of students’ activities, College of Computer Science and Engineering, Taibah University, Madinah, KSA, April 2012.
19. **Participated** in Preparatory session, 3rd National Students conference of Higher Education, Kingdom of Saudi Arabia, organized by Taibah University, Madina, February 4-5, 2012
20. **Presentation** on “Travelers’ Information Authentication System using Biometrics”, Ahad Abdulgader Altayeb, Raghdah Hussein Saem Aldahr, Ruba Salah Eldin Marie, Sara Faisal ALNouzha ALzuguibi and Dr. Abdul Ahad Siddiqi, In Preparatory Session of the 3rd National Students

conference of Higher Education, Kingdom of Saudi Arabia, organized by Taibah University, Madina, February 4-5, 2012

21. **Participated** in International Conference on High Performance Telecom (HPT), organized by Dewan Al Maarifa – Knowledge Economic City, Madinah, Kingdom of Saudi Arabia, March 7, 2012
22. **Member, Evaluation Committee**, Preparatory session, 2nd National Students conference of Higher Education, Kingdom of Saudi Arabia, organized by Taibah University, Madina, January 2011
23. **Participated** in Preparatory session, 2nd National Students conference of Higher Education, Kingdom of Saudi Arabia, organized by Taibah University, Madina, January 2011
24. **Presentation** on ‘Online 3D Virtual Tour of Taibah University’, Khaled Abdullah Babteen, Seaf Aali Al-Harbi , Ali Ghorman Al-Shehri , Abdulmajeed Talal Al-Harbi, and Dr. Abdul Ahad Siddiqi, In Preparatory Session of the 2nd National Students conference of Higher Education, Kingdom of Saudi Arabia, organized by Taibah University, Madina, January 2011
25. **Participated** in workshop on CCSE course development on JUSUR Learning Content Management (LCM) system, Taibah University, Madina, January, 2011
26. **Keynote Speaker & Member**, Programme and Technical Committee, 4th International Conference on Information and Communication Technologies (ICICT) at Institute of Business Administration (IBA), Karachi, Pakistan, 23-24 July, 2011
27. **Keynote Speaker & Member**, Programme and Technical Committee, 3rd International Conference on Information and Communication Technologies (ICICT) at Institute of Business Administration (IBA), Karachi, Pakistan, 15-16 August, 2009
28. **Keynote Speaker** at "Technical workshop on developing ANN systems (in conjunction with International Conference on Informatics in Control, Automation and Robotics - ICINCO 2004)" on 24-25 August 2004 at Setubal, Portugal
29. **Reporter** of the symposium paper presentations session, "Information Systems" at "Information Security Symposium 2006", Taibah University, Madinah, KSA (May 2006)

30. **Presenter of** "The scientific paper, "Evaluation of Effective SIP-based IP telephony Anti-Spamming Techniques" at the International Symposium on Information Security Symposium 2006, Taibah University, Madinah, Saudi Arabia, May 4 2006.
31. **Participated** in, "Linux Open day/Workshop" at Karachi Institute of Information Technology, Karachi - August 14, 2004.
32. **Participant/member**, design of proposal (PC-1) to, "**Higher Education – British Council**" Higher Education Link Programme, June 2004.
33. **Participated** in workshop on, "IBM Software Development Platform and Rational Unified Process (RUP)", organized by IBM, and KIIT Karachi, May 7-8th 2004
34. **Member Panel Discussion** on, "Job opportunities for IT graduates in Industry", organized by KIIT Karachi, March 2004
35. **Participated** in British Council – Higher Education Pakistan One day Workshop on "Higher Education Links" at Karachi, February 10 2004
36. **Participated** in European Commission (EC) and Pakistan Software Export Board (PSEB) Joint Seminar on Asia IT&C Program Karachi, Pakistan 23 December, 2003
37. **Participated** in IEE Colloquium on 'Grammars and their applications at University Of Essex, U.K. in July, 1993 and presented posters.
38. **Participated** in IEE Conference on Neural Networks at Cambridge University in April 1997
39. **IEEE International Conference** on Evolutionary Computation at Alaska, USA in May, 1998 (In lie, my Supervisor in UK represented me)
40. **Participated** and read research paper on "Quality Assurance Agency (QAA) for IT Education in Pakistan" in national seminar on "Software Professional Skill Set Requirements Skill Certification and other HRD Issues related to Software and Manpower Export", PC Hotel, Karachi, 10th February, 2001
41. **Chairperson** for a three day Workshop on Artificial Intelligence in Karachi, organised by the Continuing Education Centre, NED University Karachi, April 1999
42. **Chairperson** for session of a three day Workshop on Neural Network Computing, organised by the Continuing Education Centre, NED

University of Engineering & technology, Karachi June & Dec 2003

43. **Panelist**, “Is Industrial experience/exposure required before applying for Masters?”, Techno Informative, Conference on Technology and Engineering Sciences, organized by IEEE UIT Karachi, October 2003
44. **Presented** a research paper on ““Importance of Human Resources in IT promotion in Pakistan” at PTCL (Pak Telecom) Seminar in collaboration with IT Commission of Pakistan & PASHA Group on “Promotion of Information Technology in Pakistan” at Hotel Marriott, Karachi on 16th February, 1999
45. **Participated** in National Conference on “Information Technology – Challenges meeting the Industry”, organised by Dialogue Forum and Perceptions, held in Sheraton Hotel, Karachi on 18th November, 2000
46. **Delivered seminars** on “Promotion of IT Education” in various IT Education Seminars organised by KIIT covering Karachi, Hyderabad, Sukhur, and Larkana. The institutes include: Cadet College Hassan Abdal, Cadet College Larkana, Public School Larkana, Public School Sukhur, and other Education centres of Sindh (1998 to date).
47. **Participation** in IEEE (Karachi Section) conference on “Electronic Commerce”, at Hotel Avarai Karachi on 5th December, 1998.
48. **Presented** a National discussion programme on “Promotion of IT in Pakistan” in Urdu, relayed on Radio Pakistan Network on 20-05-2001
49. **Interviewed** in “Connected to: Dr. Abdul Ahad Siddiqi”, technical essay on Modern trends in the field of Artificial Intelligence with title published in Pakistan’s largest Internet magazine, “**Spider**” – September 2001 issue, pp. 40-4, Karachi.
50. **Presented** seminar on topic “Software Agents and E-commerce” organised by IBA, Sukhur, Pakistan on 11th October, 2001
51. **Writer** of the article published in **ITCN Asia 2001** Official Exhibition Directory on “Information Technology and KIIT”
52. **Participated** for the mandatory ‘Orientation Program’ at University Grants Commission Pakistan for a period of 4+ months and wrote a research article on ‘Security of Unix Operating System’ in 1990.
53. An article on ‘**Computer Systems**’, published in C&S Degree college magazine in year 1983, and few research articles on ‘getting education

abroad; procedure of admissions, etc’, published in some Pakistani newspapers (1989, and 1990).

GRANTS, HONORS and ACCOLADES

- Research grant of 56, 000 Saudi Riyals (SAR) awarded to research team, comprising, Dr. Abdul Ahad Siddiqi (PI), and Dr. Yasser Alginahi (Co-PI) by the Graduate Studies & Academic Research, Deanship of Scientific Research, Taibah University, KSA, Ministry of Higher Education, KSA, under research project reference number, 4098 in year 2013, project entitled, ‘Use of Biometrics in Authentication of Travelers Information in the Kingdom of Saudi Arabia’.
- Research grant of 231,000 Saudi Riyals (SAR) awarded to research team, comprising, Dr. Zameer Ahmed Adhoni (PI), Dr. Abdul Ahad Siddiqi (Co-PI), and Dr. Hussein Abdul-Raof (Co-PI) by the ‘IT Research Centre of the Holy Quran (NOOR), Taibah University, KSA, Ministry of Higher Education, KSA, under research project reference number, NRC1-1, year 2012, project entitled, ‘Developing a Complete Online Qura’n Portal and Mobile Friendly Qura’n’.
- Honored with the funding grant for the project, ‘NCAAA Self-Study Quality Assurance Report: Standards Evaluation for the CS Programme’, College of Computer Science and Engineering, Taibah University, January 2012
- Honored with the funding grant for the project, ‘NCAAA Design and development of the Program and Study plan specification for B.Sc.in CS’, College of Computer Science and Engineering, Taibah University, 2011
- Awarded with a shield and Certificate of Performance, for Chairing a session of the ‘1st International Conference on Computing and Information Technology (ICCIT)’, 12-14 March 2012, Taibah University, Madinah, KSA
- Awarded with a Certificate of Performance for Program and technical committee membership at 2012 European Intelligence and Security Informatics Conference (EISIC 2012), August 22-24, 2012 at Odense, Denmark
- Awarded with a Certificate of Performance for Program and technical committee membership at 2011 European Intelligence and Security Informatics Conference (EISIC 2011), September 12-14, 2011 at Athens, Greece
- Awarded with a Shield and Certificate of Performance for Keynote Speech at 4th International Conference on Information and Communication Technologies (ICICT) at Institute of Business Administration (IBA), Karachi, Pakistan, 23-24 July, 2011

- Research grant of 55, 000 Saudi Riyals (SAR) awarded to research team, comprising, Dr. Yasser Alginahi (PI) and Dr. Abdul Ahad Siddiqi (Co-PI), by the Graduate Studies & Academic Research, Deanship of Scientific Research, Taibah University, KSA, Ministry of Higher Education, KSA, under research project reference number, 429/230 in year 2008, project entitled, ‘Design and development of Postal OCR for the recognition of addresses’ post codes in the Middle Eastern countries’.
- Awarded with a Shield and Certificate of performance for Keynote Speech at 3rd International Conference on Information and Communication Technologies (ICICT) at Institute of Business Administration (IBA), Karachi, Pakistan, 15-16 August, 2009
- Awarded with a Shield and Certificate of performance at Annual Ceremony of the College of Engineering & Computer Science, Taibah University, Madinah, Saudi Arabia, May 2006
- Awarded a certificate of performance as Chair Person, Program Committee, & Keynote Speaker at ANN workshop: Data preparation techniques and applications development (In Conjunction with International Conference on Informatics in Control, Automation & Robotics), to be held on August 25-28 2004 Setubal, Portugal
- Technical advisor and consultant, “Prislogix Software House, Karachi, Pakistan”, From 2006 to date (<http://www.prislogix.com/About-Us/management-profiles.html>)
- Chair Program Committee, INMIC 2002 Conference, jointly recognized by IEEE & KIIT, 27-28th December, 2002, Karachi, Pakistan (ISBN 0-7803-7716-9)
- Awarded certificates of performance as Chair Person, various sessions of Workshop on Neural Networks Computing, organized by the Continuing Education Centre, NED University of Engineering & technology, Karachi April 1999, June 2003 & Dec 2003
- Awarded with foreign S&T Scholarship towards pursuit of MSc/Ph.D in the field of Computing Science/Engineering by Ministry of Science & Technology in 1990
- Awarded with Certificate of Merit at the successful completion of Orientation Programme conducted by University Grants Education (UGC). Of Pakistan in 1990.
- Awarded with Silver Medal and certificate of Merit in BISE examination 1983 in Pre Engineering group by Minister of Education, Sindh.

- Honored with many certificates of excellence on my research contribution in national and international conferences and workshops in my professional career.
- Honored with shields and plaques on my participation to various national and international events of academia in my professional career.
- Honored with certificates of Merit and prizes on debates and sports competitions during the times of school and college studies.

REFERENCES

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