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Research Sites/Links:

Google : <https://scholar.google.com/citations?user=XDlx18MAAAAJ&hl=en>
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Profile:

Dr. Muhammad Azhar Hussain earned Ph.D. Computer Science from Federal Urdu University of Arts, Science & Technology, Karachi, Pakistan. He is currently associated with the Millennium Institute of Technology & Entrepreneurship as Associate Professor in the Department of Computer Science. His main interest area of research is to explore the potential of technology in supporting persons with disability and elderly people who face age-related problems. He has published 21 research papers in different national / international journals and had 01 patent on his credit.

Research Interest

- Knowledge Management
- Enterprises Architecture
- Business Process Reengineering
- Wireless Sensor Network

Patent:

- Kamran Ahsan, **Muhammad Azhar Hussain**, Adnan Nadeem and Sarwat Iqbal, Computer Science Department, Federal Urdu University of Arts, Science & Technology, Karachi, 2019, "A Tactile Communication System with Vibrto-tactile alerting notification mechanism.", Government of Pakistan, The Patent Office, Patent No. 143145

Selected Publications

- Sarwat Iqbal, Muhammad Irfan, Kamran Ahsan, **Muhammad Azhar Hussain**, Muhammad Awais, Muhammad Shiraz, Mohammed Hamdi, Abdullah Alghamdi "A

Novel Mobile Wallet Model for Elderly Using Fingerprint as Authentication Factor," in IEEE Access, vol. 8, pp. 177405-177423, 2020

- **Muhammad Azhar Hussain**, Kamran Ahsan, Sarwat Iqbal and Adnan Nadeem, "Supporting Deafblind in Congregational Prayer using Speech Recognition and Vibrotactile Stimuli.", International Journal of Human-Computer Studies, Vol. 123, Pp. 70-96. 2019
- Abdul Hameed Siddiqui, Syed Akhtar Raza, Arifa Ghazipura, **Muhammad Azhar Hussain**, Sarwat Iqbal, Kamran Ahsan and Adnan Nadeem, "Analysis of association between type of amblyopia and gender at a tertiary care hospital in Karachi." Journal of the Pakistan Medical Association, Vol: 66 No. 5, pp. 545-548, 2016
- Adnan Nadeem, **Muhammad Azhar Hussain**, Obaidullah Owais Khan, Abdul Salam, Sarwat Iqbal, and Kamran Ahsan, "Application specific study, analysis and classification of body area wireless sensor network applications." Computer Networks, Vol. 83, pp.363-380. 2015
- Sarwat Iqbal, Sana Ullah, Kamran Ahsan, **Muhammad Azhar Hussain**, Muhammad Saeed, "RFID-Based Automated Shared Drop Box for Laundry Business: A Process Model.", Mehran University Research Journal of Engineering and Technology, Vol. 38, No. 1, Pp. 37-52, 2019
- Sarwat Iqbal, Sana Ullah, Kamran Ahsan, **Muhammad Azhar Hussain**, Muhammad Saeed, "RFID-Based Automated Shared Drop Box for Laundry Business: A Process Model.", Mehran University Research Journal of Engineering and Technology, Vol. 38, No. 1, Pp. 37-52, 2019
- **Muhammad Azhar Hussain**, Kamran Ahsan, Adnan Nadeem, Muhammad Sarim, Abdul Basit, Muhammad Siddique and Q. UL. Arifeen, "Remote Control Model for Smart Living – A Mobile Technology Approach.", Sindh University Research Journal, Vol. 49 No. 1, Pp. 189-194, 2017
- **Muhammad Azhar Hussain**, Kamran Ahsan, Sarwat Iqbal and Adnan Nadeem, "Disability and digital divide: bridging the gap through ArchiMate approach." Pakistan Journal of Science, Vol. 68 No. 4, Pp.426-431, 2016
- Muhammad Faizan Khan, Kamran Ahsan and **Muhammad Azhar Hussain**, "Cost effective information technology strategy for microenterprise." Bahria University Journal of Information & Communication Technology, Vol. 9, Issue 1, Pp.8-22, 2016