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Experience

1. One Year (Hamza Army Public College)
2. Four Year (BeiHang University, Beijing China)
3. Two year (IIUI)

Education

1. PhD (Electronic and Information Engineering); Beihang University, Beijing China

Honors & Awards

1. HEC Overseas Scholarship
2. Merit Scholarship, Faisalabad Board

Publications

- Muhammad Ahmad, Ihsan ul Haq, Qaisar Mushtaq and Muhammad Sohaib, “A New Statistical Approach for Band Clustering and Band Selection Using K-Means Clustering”, IJET, Vol 3, Issue no: 6, Singapore, pp. 1793-8244 (Online Version); 1793-8236 (Print Version)
- Muhammad Sohaib, Ihsan-ul-Haq, Qaiser Mushtaq “Dimensional Reduction Of Hyperspectral Image Data Using Band Clustering And Selection Based On Statistical Characteristics Of Band Images”, GCSE 2011, Procedia Engineering, (ISSN: 1877-7058, ELSEVIER)
- Muhammad Ahmad, Ihsan Ul Haq and K.A. bhatti, “Hyperspectral Unmixing Using Statistics of Q function”, 7th International Conference on MEMS, NANO and Smart

Systems (ICMENS 2011), Kuala Lumpur, Malaysia

- Muhammad Ahmad and Dr. Ihsan Ul Haq, "Linear Unmixing and Target Detection of Hyperspectral Imagery Using OSP", 2011 International Conference on Modeling, Simulation and Control, IPCSIT vol.10, pp. 179-183 2011.
- Muhammad Sohaib, Ihsan-ul-Haq, Qaiser Mushtaq "Dimensional Reduction Of Hyperspectral Image Data Using Band Clustering And Selection Based On Statistical Characteristics Of Band Images", *IEEE Proceeding on Intelligence and Information Technology (ICIIT 2010)*, 2010.
- Ul Haq, Ihsan, Xiaojian Xu, "A new approach to band clustering and selection for hyperspectral imagery," *Signal Processing*, 2008. *ICSP 2008. IEEE Proceeding on*, pp.1198-1202, 26-29 Oct. 2008.
- Ihsan ul Haq, Xiaojian Xu and Aamir Shahzad, "Band clustering and selection and decision fusion for target detection in hyperspectral imagery," *Acoustics, Speech, and Signal Processing, IEEE Proceeding on*, pp. 1101-1104, 2009.
- Ihsan ul Haq, Xiaojian Xu, "Band selection and decision fusion for target detection in Hyperspectral imagery," *Industrial Electronics and Applications*, 2009. *ICIEA 2009. IEEE Proceeding on*, pp.1468-1471, 25-27 May 2009.
- Rahman, N. Zia-Ul-Haq, Ihsan ul Haq, "Design and Coordination of Reactive Behaviors for Tracking Multiple Targets in an Unstructured Environment," *IEEE Proceedings of Technologies*, 2006, *ICET '06*, pp.636-642.
- Qazi, Z. S. M., Zhiliang Wang, Haq, I.-U., "Human likeness of humanoid robots exploring the uncanny valley," *Emerging Technologies*, 2006. *ICET '06. IEEE Proceeding on*, pp.650-656, 13-14 Nov. 2006.