

Dr. Shahid Munir Shah

Assistant Professor

Department of Computer Science, Faculty of Information Technology

Specialization: Signal Processing

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Profile

Dr. Shahid Munir Shah received his PhD in Information technology (IT) from University of Sindh, Jamshoro. Before PhD. He has done MS telecom and MSc. Electronics. He has vast teaching experience in mathematical and applied sciences background in national and international organizations of repute. Currently he is working as an Assistant Professor at Barrett Hodgson University, Karachi, Pakistan. His research interests include machine learning, signal processing, and pattern recognition.

Research Interests

1. Speech / Speaker recognition
2. Machine Learning
3. Ethical Artificial Intelligence / Explainable Artificial Intelligence (XAI)

Selected Publications

Peer Reviewed Journal Articles:

- Shahid Munir Shah and Rizwan Ahmed Khan. **Secondary Use of Electronic Health Record: Opportunities and Challenges.** IEEE Access, Vol. 8, Pages. 136947 - 136965, Aug 2020 [[IEEE Access](#)]
- Shahid Munir Shah, Muhammad Memon, Muhammad Hammad U Salam. **Speaker Recognition for Pashto Speakers based on Isolated Digits Recognition using Accent and Dialect Approach.** Journal of Engineering Science and Technology, Vol. 15, Issue. 4, Pages. 2190-2207, Aug 2020.
- Shahid Munir Shah, Shahzad Ahmed Memon, Khalil-ur-Rehman Khoubati, Muhammad Moinuddin. **A Pashtu Speakers Database using Accent and Dialect Approach.** International Journal of Applied Pattern Recognition. Vol. 4, Issue. 4, Pages. 358-380, January 2018 [[DOI: https://doi.org/10.1504/IJAPR.2017.089398](https://doi.org/10.1504/IJAPR.2017.089398)].

Peer Reviewed International Conferences:

- Shahid Munir Shah, Syed Nadeem Ahsan. **Arabic speaker identification system using combination of DWT and LPC features.** In IEEE International Conference on Open Source Systems and Technologies (ICOSST), Lahore, Pakistan, 2014. [[DOI: 10.1109/ICOSST.2014.7029340](https://doi.org/10.1109/ICOSST.2014.7029340)]