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Profile:

Dr. Fahad Shamim has more than eleven years of experience in academia and is a registered Biomedical Engineer with Pakistan Engineering Council (PEC). He obtained Masters degree in Medical Electronics and Physics from Queen Mary University, London and Doctorate from Nottingham Trent University, U.K. He has worked as Demonstrator (Nottingham Trent university), Lecturer (SSUET), Assistant Professor (Zia ud din University).

Research Interest

- NMR Relaxometry
- MR Imaging
- Biomedical Instrumentation

Selected Publications

- M.F. Shamim, M. Bencsik, R.H. Morris, M.I. Newton, (2013). MRI measurements of dynamic clogging in porous systems using sterilised sludge, Journal of Microporous and Mesoporous Material.
- M. Bencsik, M.F. Shamim, R.H. Morris, M.I. Newton, (2013). Monitoring accelerated clogging of a model horizontal sub-surface flow constructed wetland using magnetic resonance transverse relaxation times, International Journal of Environmental Science and Technology.
- N. Shahid, S.M. Omair, M.W. Munir, M.F. Shamim, M.Z. Ul Haque, (2017). Comparative Analysis and Accuracy of a Devised Automated Non Invasive Blood Pressure Monitor Based on Oscillometric Method, Indian Journal of Science and Technology.
- N. Sheikh, F. Muhammad, M.F. Shamim, N. Shahid, S. M. Omair, and M. Z. Ul Haque, (2017). Finger Movement Identification Using EMG Signals on the Forearm, Journal of Biomedical Engineering and Medical Imaging.
- S. R. A. Jafri, N. Shahid, M. F. Shamim, M. A. Aslam, M. W. Munir, M. Z. Ul Haque, (2019). Wireless Electroencephalography based Blood Pressure Monitoring, International Journal of Engineering and Technology.