

Name: M. Zeeshan Ul Haque
Designation: Dean, Faculty of Engineering, Professor & Chairperson, Department of Biomedical Engineering
Educations: Ph.D. (Bioengineering), University of Auckland, New Zealand
M. Sc. (Medical Electronics and Physics), Queen Mary University, London, United Kingdom
B.S. (Biomedical Engineering), Sir Syed University of Engineering and Technology, Pakistan
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Profile:

Dr. Zeeshan is an HEC approved PhD supervisor, having more than 17 years of experience in teaching, research and administration. He has a good understanding of productive and operative teaching methods that promote exciting learning environment. Dr. Zeeshan has an excellent knowledge of accreditation process of engineering program. He is currently a Pakistan Engineering Council's (PEC) program evaluator (PEV) for Biomedical Engineering education at national level. He is a member of various statutory bodies and project evaluation committees, and journals reviewer etc. He also served as a co-convenor for Biomedical Engineering of National Curriculum Review Committee (2017) constituted by Higher Education Commission, Pakistan. Dr. Zeeshan has excellent skills of problem-solving, program development, organization.

Research Interest:

- Biomedical instrumentation
- Biomedical Electronics
- Physiological modelling and simulation

Selected Publications:

- F. Muhammad, N. Shahid, S. M. Omair and M. Z. Ul Haque. Integrated Wristband using an Inertial Measurement Unit and Electromyography Sensors to Control Robotic Car, *Journal of Information Communication Technologies and Robotic Applications*, 10 (2): 36-41, 2019.
- S. R. A. Jafri, T. Hamid, R. Mahmood, M. A. Aslam, T. Rafi, M. Z. Ul Haque and M. W. Munir. Wireless Brain Computer Interface for Smart Home and Medical System, *Wireless Personal Communication*, Vol. 106, PP 2163–2177, 2019
- S. R. A. Jafri, N. Shahid, M. F. Shamim, M. A. Aslam, M. W. Munir, and M. Z. Ul Haque. Wireless EEG Based Blood Pressure Monitoring, *International Journal of Engineering and Technology (UAE)*, Vol. 7, No. 4.38, PP 904-907, 2018
- M. Z. Ul Haque, P. Du, and Leo K. Cheng. A Mathematical Framework Simulating Nerve Fiber Physiology, *International Journal of Advanced and Applied Sciences*, Vol. 4, No. 10, PP 124-129, Oct 2017
- M. Z. Ul Haque, P. Du, and Leo K. Cheng. Geometrical interruption in the nerve geometrical model of the human foot to simulate small fiber neuropathy, *Indian Journal of Science and Technology*, Vol. 10, No. 29, PP 1-6, Aug 2017