

Engr. Dr. Muhammad Sameer Ahmed

Phone +92-315-2253378

E-mail sameer@iiee.edu.pk

Highly motivated Electronics Engineering academic with 8+ years of experience. Authored three publications in international journals and three conference papers. Two additional journal submissions currently under review. Extensive teaching experience in Electronics Engineering, Mathematics, and Computer Science across universities in Turkey and Pakistan. Proven ability to implement technology-based curriculum and assessment tools, fostering academic development and success for all students.

Work History

- 2022-10 – Current** **Assistant Professor**
Incharge Industrial Liaison Office
Incharge Student Council Branch
QEC & Course Review Committee
Institute of Industrial Electronics Engineering (IIEE), Karachi
- 2022-07 - 2023-02** **Visiting Lecturer (Calculus & Foreign Language)**
Sohail University, Karachi
- 2020-10 - 2022-07** **Lecturer (Mathematics and Computer Science)**
Gokkusagi Koleji, Istanbul, Turkey, Istanbul
- 2012-08 - 2020-03** **Lecturer**
Usman Institute of Technology, Karachi
- Additional Responsibilities:
Committees:
- Continuing Professional Development (CPD) Committee.
 - Final Year Project Coordinator.

Education

- 2016-09 - 2022-04** **Ph.D.: Electronic and Communication Engineer**
Yildiz Technical University - Istanbul, Turkey

2012-08 - 2014-08 **Masters of Engineering : Industrial Control And Automation**

Hamdard University - Karachi, Pakistan

2008-09 - 2012-06 **Bachelor of Engineering: Electronics**

Hamdard University - Karachi, Pakistan

Publications

Published

1) Maximum Ratio Transmission Based Generalized Frequency Division Multiplexing over Gamma-Gamma Channel

Publication date Mar 1, 2021 Optics Communication Elsevier

<https://www.sciencedirect.com/science/article/abs/pii/S0030401821002157>

2) Performance of Generalized Frequency Division Multiplexing over GammaGamma optical links.

Publication date Jul 1, 2020 , Optics Communication, Elsevier

<https://www.sciencedirect.com/science/article/abs/pii/S0030401820302388>

3) The Impact of weather conditions on GFDM transmission over gamma gammachannel

Publication date Nov 11, 2020 ,World Academy of Science, Engineering and Technology International Journal of Information and Communication Engineering.

<https://publications.waset.org/10011562/impact-of-weather-conditions-on-generalized-frequency-division-multiplexing-over-gamma-gamma-channel>

4) Motion Replication Wireless Robotic arm publication date Mar 15, 2012 IEEE conference

5) Tank wall crawler Robot, 2014 ,COMNET

Skills

MATLAB	■ ■ ■ ■ ■ Excellent
Latex	■ ■ ■ ■ ■ Excellent
Mathematica	■ ■ ■ ■ ■ Excellent
C++/HTML	■ ■ ■ ■ ■ Excellent
Proteus and Multisim	■ ■ ■ ■ ■ Excellent
Phython	■ ■ ■ ■ ■ Very Good
SIMATIC (Siemens PLC)	■ ■ ■ ■ ■ Excellent

Languages

English	■ ■ ■ ■ ■ Excellent
Turkish	■ ■ ■ ■ ■ Very Good
Urdu	■ ■ ■ ■ ■ Excellent

Affiliations

- Registered Electronic Engineer(ELECTRO/18218), PEC (Pakistan Engineering Council)
- TÜBİTAK ID : TBTK-0116-6979
- ORCID ID : 0000-0003-2965-2486

Certifications

2015-06	Turkish Language (C1) under Türkiye Bursları Scholarship
2014-12	German Language (A1) from Goethe-Institute
2014-03	ANDROID certification from XORSAT

Accomplishments

- Conference paper awarded as the '**Best Paper**' in the international conference held in **Italy in 2020**, under the World Academy of Science, Engineering and Technology
- Received **National ICT R&D Fund (Ministry of Information Technology, Pakistan)** for the project "Monitoring and Controlling of Electrical Distribution System" of around **Rs.74,000.(Almost 700\$)**.
- Offered a **Turkish Government scholarship for PhD**; a highly competitive and a fully funded scholarship program which offers scholarships worldwide for various programs including PhD.
- Received '**Silver Medal**' on the research project "**Motion Replicating Wireless Robotic Arm**" in 27th Multi-Topic International Symposium March 14 & 15, 2012 by IEEEEP, held at Pearl- Continental Hotel Karachi.
- Represented Usman Institute of Technology in **TECHNOMOOT, COMSAT Abbottabad** awarded **3rd** prize among the various well known universities of Pakistan.