

Jamshed Abbas

Electrical Engineer

House No 69 street and 27
Wah model town phase 2
Wah cantt
☎ +92 (0304) 1554 958
✉ jamshed0276@gmail.com



Education

2017–Present **Ms Electrical Engineering**, *Riphah International University*, Islamabad, .
Thesis: **Advanced adaptive control of Permanent magnet synchronous motor**

2013–2017 **BE Electrical Engineering**, *Abasyn University*, Islamabad Campus, .

Professional Experience

Aug 2017 – **Plc. and Scada System Course**, *Sina institute*, Islamabad.
Sep 2017

- Mitsubishi—Coding Ladderlogic on Hardware
- Siemens (200,700,1200)— Coding Ladderlogic on Hardware
- FATEK—Coding Ladderlogic on Hardware

JULY 2015 – **Internship**, *Maple Leaf Cement Factory*,, Mianwali, Pakistan.
Oct 2015

- Worked in power plant and substation
- Surveyed production unit of Maple leaf cement
- Technical report writing for the team head

BE Project

Title **Spread Spectrum (SS) Implementation for IOT Applications**
Supervisor Dr. Malik Muhammad Usman Gul
Description In the proposed project, we designed the communication network using CSS and DSSS. In addition to that, we also designed the transmitter and receiver through MATLAB and practically implemented the outcome of the project with Software Defined Radio (SDR) Kit i.e. SCK30.

MS Related Coursework

- Advanced Digital Control
- Real Time system Design and Analysis
- Secure Communication
- Machine Learning

- Intelligent Control Systems

PUBLICATIONS

- 1- **Muhammad Jamshed Abbas**, Muhammad Awais, A U. Haq. " **Comparative Analysis of wideband communication techniques: Chirp Spread Spectrum and Direct Sequence Spread Spectrum**", International Conference on Computing, Mathematics and Engineering Technologies (iCoMET), March 3,4,2018.
- 2- Waqas Ahmad Mirza, **Muhammad Jamshed Abbas**, Muhammad Awais , Muhammad Sadiq Orakzai " **A Real-Time Control Using Wireless Network for Smart Energy Management and Billing System**", International Journal of Information Technology and Electrical Engineering, May. 2018.
- 3- **Muhammad Jamshed Abbas**, Muhammad Awais, Waqas Ahmad Mirza, Jibran Hashim , Sohail Abbas , Arsalan Hameed" **Power and Coverage Based Performance Analysis for Femtocells Network**", International Journal of Information Technology and Electrical Engineering, May. 2018.

Computer skills

Software: Latex, Multi-sim, Ms Office
Languages: C/C++. MATLAB, ladder Logic,
Assembly x86 (Intel)
Hardware: zybo board, SDR-Kit, DSP-Kit

Interests

- Tourism
- cricket
- Pc Game

References

- Dr. Malik Muhammed Usman Gul
Email: usman.gul@abasyn.edu.pk
Reference Type: Assistant Professor
- Mr. Waseem, Khurshid
Deputy Secretary (Finance) - FBISE, Islamabad, Pakistan.
Email: Waseem.a.o@hotmail.com