

Farhan Khalid

Vice Principal / Lecturer (Electrical Engg.)



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Address: P-682, Street No.1, Aminabad No.2, Faisalabad.

Education

MS Electrical Engineering
GC University,
Lahore.
2015

B.Sc. Electronics Engineering
Uni. Of Engineering & Tech.,
Lahore
2008

F.Sc. (Pre-Engineering)
Faisalabad Board,
Faisalabad.
2004

Experience

Lecturer Sept 2019 --- To date
GC University Faisalabad.

- **Taught Subjects of** (1) Industrial Drives & PLC (2) **AC Machines** (3) Applied Technology Math II

Vice Principal / Lecturer Oct-2014 --- June-2019
Jinnah College of Science, Commerce & Technology, Faisalabad.

- **Taught courses of** (1)Electrical Circuit Analysis (2) **Network Analysis** (3)Electrical Machines (4) **Communication Systems** (5) Industrial Electronics (6) **Principals of Electrical Engineering** (7) Electronics Devices. (8) **Electronics** .
- **Coordinating with faculty.** • Development / Upgrade of Labs. • **Arrange technical events & Meetings.** • Processed correspondence with PSDF, NAVTTC, PBTE, GC University Faisalabad.
- Arrangement of Mid-term & Send up examination of BS Engineering Technologies.
- **Automation of Large Complex timetable.** • Mobilizing of team. • **Declaration of College Examination Results.** • Entertain Students problem. • **Exam result management, monitoring student behavior & individual student progress.**

PLC Instructor (NAVTTC) Jan 2018 --- June-2018
NAVTTC Fundded,JPI Faisalabad.

- Mitsubishi PLC (GX Developer) & Delta (ISP Soft) programming • **HMI designing (Delta, Mitsubishi)**

PLC (PSDF) Instructor Jan 2017 --- Dec-2017
PSDF (UK AID) Fundded,JPI Faisalabad.

- Instructor of Siemens PLC (Micro Win , Simatic Manager), Delta & Misubishi programming • **Instructor of HMI designing (Simatic WinCC Flexible)** • Instructor of SCADA systems (Simatic WinCC Explorer).

Automation Instructor May 2012 --- Nov-2012
Concepts Automation, Faisalabad

- **Instructor of Arduino/Raspberry Pi Programing.** • Instructor of interfacing Sensor Network with embedded systems (Sonar, Proximity, Bluetooth, Wifi, Temperature /Humidity Sensor, Relay Boards, etc.) • **Instructor of Basics of HTML 5, CSS & Word press web development.**

Automation Engineer Jan. 2010 --- Sept. 2011
R.K Textiles, Faisalabad.

- **Frame work for automated dobby based fabric design system.** • Automated data transfer system between I2C and SPI Devices. • **Short Range Magnetic Proximity Sensor.** • Controlling multiple M4 modules under single structure.

Trainee Engineer Nov. 2008 --- Dec. 2009
R.K Textiles, Faisalabad.

- **Maintenance of electronics dobby & Jacquard based systems.** • Maintenance of PLC based panels & processes. • **Maintenance of M4 modules used in Dobby & Jacquard.** •

Certifications

- Successfully Completed "Embedded Systems: Shape the World" from University of Texas Systems, America, on EDX.
- PLC, HMI and SCADA training on SCIEMENS S7 from Mechatronics Engineering Solutions Lahore.
- Conducted Workshop focusing on Arduino (software and Hardware) in GCU Lahore (2015).

Publications

- Framework for Automated Dobby Based Fabric Design System. IJSER Volume 5, Issue 8 Editions.

Skills

Programming Skills

Matlab, Java, C, C++	●●●●●
Simatic Manager	●●●●●
Arduino, Kiel	●●●●●
WinCC Flexible	●●●●●
WinCC Explorer	●●●●●

Computer Skills

Microsoft Office	●●●●●
Operating System	●●●●●
AsC Timetables	●●●●●

Personal

Work Under Pressure	●●●●●
Friendly	●●●●●