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NABEEL FAYYAZ

EXPERIENCE

NED University of Engineering and Technology, Karachi – *Lecturer*

AUGUST 2016 – PRESENT

TEACHING:

Taught following courses during my career at NEDUET

- Digital Signal Processing
- Signal & Systems
- Machine Control Systems
- Basic Electrical Engineering

NON-TEACHING:

Currently working as Undergraduate Coordinator in the department of electrical engineering.

EDUCATION

NED University of Engineering & Tech., Karachi – *PhD - Electrical*

(in progress)

Currently enrolled as a PhD scholar in the Department of Electrical Engineering (NEDUET) under the supervision of Dr. Riazuddin (Assistant Professor / PI - NCRA Lab).

NED University of Engineering & Tech., Karachi – *M.Engg/M.Phil - Power Systems*

AUGUST 2016 – NOVEMBER 2018

Master's Dissertation:

Holistic Urdu Word Recognition Using Deep Neural Network.

NED University of Engineering & Tech., Karachi – *BE - Electrical Engineering*

JANUARY 2012 - DECEMBER 2015

Final Year Project:

Design and Fabrication of Grid Tie Inverter.

Govt. National College, Karachi – HSE – Pre-Engineering

2010 - 2011

St. Jude's High School, Karachi – SSC – Science

2007 - 2009

INTERNSHIPS

Siemens Pakistan, Karachi – *Internee*

MAY 2014 - JUNE 2014

Worked in the industrial automation department related to PLC logic designing, VFDs, Switch gears etc.

Power Link Technologies, Karachi – *Internee*

AUGUST 2015 - OCTOBER 2015

Work related to installation, commissioning & troubleshooting of different types of ups, inverters, stabilizers etc.

Puma Electric, Karachi – *Internee*

DECEMBER 2013 - JANUARY 2014

Internship experience related to troubleshooting of VFDs.

Zelon Engineering, Karachi – *Internee*

DECEMBER 2012 - JANUARY 2013

Manufacturing and design experience related to switch gears.

SKILLS

- Comprehensive knowledge of electric power distribution, transmission and protection Systems.
- Substantial knowledge and understanding of motors, transformers, generators, motor control and VFDs.
- In depth knowledge of PID control.
- Proficiency in both oral and written communication skills.
- Proficiency in computer applications related to work.
- Strong working ethics and good sense of humor

CERTIFICATE & TRAININGS

- Training on “Effective teaching practices” at QEC Department NEDUET.
- PIC Microcontroller certificate from Geekoz lab.

INTERESTS

Cricket, swimming and Pets