

ENGR. SYED MUHAMMAD RASHID HUSSAIN

Lecturer, AC ISO

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CAREER OBJECTIVE

To secure a career opportunity in an organization where I can apply my training and coaching skills in a way to ensure success for the organization.

PROFESSIONAL EXPERIENCE

Lecturer | NED University of Engineering & Technology

Department of Electrical Engineering

Taught the following courses at Bachelors of Engineering Program

- Digital Signal Processing (Theory & Practical)
- Principles of Electrical Engineering (Theory)
- Circuit Analysis (Theory & Practical)
- Signals & Systems (Theory & Practical)
- Electrical Drives (Theory)
- Basic Electrical Engineering (Theory)

AC ISO | NED University of Engineering & Technology

ISO 9000:2015 QMS - Department of Electrical Engineering

- Secretary and Quality Enhancement Cell (QEC) nominee in Board of Studies (BoS) of Electrical Engineering Department.
- Member / Secretary of Advisory Board of Department of Electrical Engineering
- Member of Program Team for the implementation of Outcome Based Education (OBE) system at Electrical Engineering Department.
- Member of Program team to accomplish departmental yearly objectives.
- Member of Program team for the development of and Self-Assessment Reports (SAR) of Masters in Engineering (ME), Masters of Engineering Management (MEM) & PhD programs offered at Electrical Engineering Department.
- Committee Member for achieving the Objective 2K18 of Directorate of Services department - NEDUET.

Assistant Manager | K-Electric Limited

Learning & Organizational Development - Human Resource

- Identified training and development needs within an organisation through job analysis, appraisal schemes and regular consultation with business managers and human resources departments.
- Designed and expanded training and development programmes based on the needs of the organization and the individual.
- Delivered the training and development programs for NMS, Officers & Management cadre.
- Assisted in affiliation of K-Electric Training Institute by external bodies; includes Centre for Continuing Engineering Education (CCEE) - NED University for Officers cadre trainings and Sindh Board of Technical Education (SBTE) for NMS trainings.

Trainee Engineer | K-Electric Limited

Learning & OD – Human Resource

- Devised individual learning plans for Generation, Transmission, Distribution and Support services.
- Produced training materials for in-house courses.
- Delivered & evaluated training and development programs.
- Executed effective induction programs; Graduate Trainee Program'15 & Apprentice Training Program.

Intern | Clipsal by Schneider Electric

Control System - Wiring Accessories - Network Connectivity - Industrial Switches & Sockets

Intern | SIEMENS Pakistan Pvt. Ltd.

Industry Drive Technology Division

ACADEMIC QUALIFICATION

Education	Year	Institute / Board	Score / %
M.E.M (Energy Management)	2017	NED University Of Engineering & Technology	3.7 GPA
B.E. (Electrical Engineering)	2014	NED University Of Engineering & Technology	90.30%
Intermediate (Pre-Engineering)	2009	Board of Intermediate Education (Karachi)	83%
Matriculation	2007	Board of Secondary Education (Karachi)	88%

Field of interest: Signal Processing, Speech Processing, Artificial Intelligence, Electrical Power System & Engineering Management

Area of Specialization: Engineering Management

RESEARCH & SCHOLARLY ACTIVITIES

- Presented conference paper titled as “State-of-art features extraction techniques employed in speech recognition” at International Conference on Computing, Electrical & Electronic Engineering (ICCEE 2017) held on 2nd & 3rd August 2017 at Expo Center, Karachi.
- Completed thesis on “Relevance of various State-Of-Art Speech Signal Processing Techniques in the field of Speech Technology” under the supervision of Dean ECE – NED University of Engineering & Technology
- Program Committee Member in 2nd International Electrical Engineering Conference titled as "Innovation & Advances In Electrical Engineering" held on 19th & 20th May, 2017, At IEP Karachi Center
- Paper reviewer in 2nd International Electrical Engineering Conference titled as “Innovation & Advances In Electrical Engineering” held on 19th & 20th May, 2017, at IEP Karachi Center.
- Session chair – poster presentation in Aspiring Pathways in Electrical Engineering (ASPIRE 2018), 3rd International Electrical Engineering Conference held on 9th & 10th Feb 2018, at IEP Karachi Center.

CERTIFICATIONS

- Certified through Llyod’s Register Quality Assurance (LRQA) training course “ISO 9001:2015 QMS Auditor / Lead Auditor Training Course” by Chartered Quality Institute (CQI) and International Register of Certified Auditors (IRCA).
- “Awareness on Quality Management System (Based on the requirement of ISO 9001:2015 Standard) by Bureau Veritas.
- Certified Trainer through “Train the Trainer (TTT)” course conducted by Carnelian in collaboration with K-Electric Ltd.

TECHNICAL PROJECTS

- Supervising Final year project titled as “Design and revamping of power distribution network of a multipurpose building by applying international standard codes and using modern tools and techniques through Eleken Associates.”
- Supervised Final year project titled as “GIS Modeling and Reliability Analysis of Low Tension Power Distribution Network of NED University of Engineering And Technology.”
- Completed the project titled as “Planning and designing of Power Distribution Network & IT infrastructure using International standards of EFU Building through Eleken Associates.”

TECHNICAL TRAININGS

- Attended 02 days' workshop on "Maintenance of Plant Assets" conducted by United Engineering Services.
- Attended training on "Power System Analysis" conducted by Prescon Engineering Private Limited.
- Attended 02 days course on "Smart Grid Operations, Control & Implementation" conducted by Center of Continuing Engineering Education (CCEE) Academy NED University.
- Attended 01 day training on "Substation Maintenance" conducted by K-Electric Ltd.
- Attended training on "Distribution Transformer Maintenance" conducted by K-Electric.
- Attended training course on "Vibration Analysis Level-II" conducted by Centre for Vibration & Condition Monitoring (CVCM) - Pakistan Atomic Energy Commission (PAEC).
- Attended training session on "Earthing & Grounding" conducted by United Engineering Services (UES).
- Attended training on "Root Cause Failure Analysis" conducted by Global Industries Intelligence (GII).
- Attended workshop on "Resource Management & ISO Standards" organized by Inventus.
- Attended workshop on "Power Transformer and Relay Protection System" by IET-NEDUET.

PROFESSIONAL TRAININGS

- Attended training program titled as "Standards 9001:2015" organized by Quality Enhancement Cell (QEC) – NEDUET on 06-02-17.
- Attended training program titled as "Importance of feedback analysis" organized by Quality Enhancement Cell (QEC) – NEDUET on 10-03-17.
- Attended training program titled as "The Process for Approval of House Rental Ceiling (HRC)" organized by Quality Enhancement Cell (QEC) – NEDUET on 30-05-17.
- Attended training program titled as "Online submission of university level KPIs" organized by Quality Enhancement Cell (QEC) – NEDUET on 20-07-17.
- Attended training program titled as "Transition from ISO 9001:2008 to 9001:2015 Changes and new concepts" organized by Quality Enhancement Cell (QEC) – NEDUET on 06th February 2017.
- Attended training program titled as "Constitution and Training of Program Team Members" organized by Quality Enhancement Cell (QEC) – NEDUET on 02-12-16.
- Attended training program titled as "HEC IOT: Outcome Based Education (OBE)" organized by Quality Enhancement Cell (QEC) – NEDUET on 26, 28 and 30th December, 2016.
- Attended training program titled as "Effective Teaching Practices" organized by Quality Enhancement Cell (QEC) – NEDUET on 19-09-16 to 21-09-16.
- Attended 02 days training session on "Emerging Managers Program" conducted by K-Electric Ltd in collaboration with Pakistan Society of Training & Development (PSTD).
- Attended 01 day workshop on "People Strategy & Goal Setting" conducted by K-Electric Ltd.
- Attended 02 days training workshop on "MS Project" conducted by K-Electric Ltd.

PROFESSIONAL AFFILIATION

- Registered Engineer – Pakistan Engineering Council
- Member (Electrical) – The Institution of Engineers, Pakistan

COMPUTER SKILLS

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| • MATLAB | • Simaris | • Dialux |
| • ETAP | • Assembly Language | • C-Programming |
| • Multisim / EWB | • Endnote | • 3D Modelling |
| • Digital Graphics | • MS Project | • MS Office |

KEY SKILLS

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|------------------------------|-------------------|-------------------------------|
| • Training & Coaching skills | • Team player | • Project Management |
| • Communication skills | • Decision Making | • Proposal & Business Writing |