

HAFIZ TALHA JAVED SOLEJA

Solution-oriented, dedicated researcher, excellent interpersonal and communication abilities and possess a wide range of technical skills necessary for engineering innovative designs and applications. Solid understanding of Electrical Power System Analysis & Power Distribution.



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Shamsi Society, near Agha
Khan lab, Wireless Gate,
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EXPERIENCE:

LECTURER

Electrical Engineering Department (NED University of Engineering & Technology)
2016 – Present

Teaching Assignment

- Electrical Power Distribution and Utilization
- Power System Analysis
- Machine Control System
- Basic Electrical Engineering

Achieved highest **ISO Feedback ratings of 9.20 & 9.316** in Fall 2017-18 and Fall 2018 semesters respectively.

Official Assignments

- Serving as **Class Advisor** for Third Year in NED UET(EED) since 2016.
- Serving as Lab In charge (Power System Protection Lab) since April 2018.
- Member of OBE Implementation Team.
- Member at Program Committee for **PEC Re-accreditation** of BE Electrical Engineering at NED UET.
- **Program Committee Member** in the 2nd International Electrical Engineering Congress (IEEC 2017) on May 19th and 20th jointly organized by NED University and Institute Engineers Pakistan (IEP), Karachi

TRAINEE ENGINEER – K-Electric Ltd.

2015 - 2016

- Served as Trainee Engineer planning and execution for **Distribution Strategy & Planning** (NC Above 50 KW) at K-Electric Ltd. to electrify and energize the bulk housing societies & multistory buildings
- Performed **technical and financial analysis** on K-Electric Ltd. distribution system due to energized multistory buildings and housing societies
- Served as **HSEQ coordinator** for NC Above-50KW department at K-Electric Ltd.

Official Assignments

- Project Planning and Operation Management
- HSEQ coordination
- Inventory Control
- Team Leadership & Motivation
- Financial analysis

EDUCATION:

MASTERS OF ENGINEERING (ELECTRICAL POWER)

NEDUET, Karachi
2015 – 2017

Software Skills:

- ETAP
- Simulink
- DIALux
- AutoCAD
- Multisim
- MS Office

Language:

- English
- Urdu

BACHELOR'S IN ELECTRICAL ENGINEERING

NEDUET, Karachi

2011 – 2014

HIGHER SECONDARY SCHOOL CERTIFICATE

Govt. Degree College, Malir Cantt, Karachi

2010

SECONDARY SCHOOL CERTIFICATE

Shamsi Society Model Schools, Karachi

2008

RESEARCH ACTIVITIES & PUBLICATIONS:

- M. F. Siddiqui, **T. J. Soleja** and A. Waseem, "A Calculation of the cost and energy savings resulting from the replacement of conventional lighting with led lighting for Karachi, Pakistan," 2017 IEEE Asian Conference on Energy, Power and Transportation Electrification (ACEPT), Singapore, 2017, pp. 1-3."
- **Talha Javed Soleja** "Multi Objective Optimization Of Two Area Interconnected System Using Fuzzy Logic Controlling Technique For Load Frequency Control" M. Engg., Electrical Engineering, NED University of Engineering & Technology, Karachi, 2017. (M. Engg. Dissertation 2017).
- M. F. Siddiqui, **T. J. Soleja** and A. Waseem Economic Feasibility Analysis of On-Grid PV System without Battery Storage for a Commercial Building in Karachi, Pakistan" (Paper Accepted in EFEA 2018, Italy)

CERTIFICATIONS:

- PST (**Power System and Transmission Simulator**) organized by **TERCO Sweden** at NED University, Karachi.
- **HSE Managing Safety** at Pakistan Society of Training & Development (**PSTD**), Karachi.
- **Effective Teachers** Training at NED University, Karachi.
- **Advance Excel** Training at K-Electric Ltd, Karachi

PARTICIPATION in CO-CURRICULAR ACTIVITIES:

- Participated as **Paper Reviewer** in **2nd International Electrical Engineering Conference** held on 19th and 20th May 2017.
- Participated as **Member of Event Operations** at **NED Debating Society** held on 14th October 2014.
- Attended **hands on work shop and Seminar** titled as "**Smart Grid Pathway to smart Engineering**" organized by **IEEE-PES** on 28th August, 2013.
- Participated in **Project Exhibition & Quiz Competition** organized by **SENTEC** in collaboration with **Students Affairs Department** on 25th July 2011.
- Attended workshop on **4th Dimension Personification** organized by **IEEE** in 2011.
- Received Certificate of Merit Scholarship for outstanding performance in HSC from JPSD in 2010.

REFERENCES:

Will be furnished upon request.