

# **KOMAL CHAWLA**

---

## **CONTACT INFORMATION**

Email: [kchaw001@fiu.edu](mailto:kchaw001@fiu.edu)

---

## **ACADEMICS**

### **Florida International University, USA**

M.S leading to Ph.D. (Electrical Engineering)

(Aug 2012-Present)

Graduate Teaching Assistant (Power Systems)

### **N.E.D University of Engineering & Technology, Karachi, Pakistan**

B.E in Electrical Engineering

(Jan 2007 - Dec 2010)

PEC Reg No: EE-30896

### **St. Lawrence Government Girls Degree College, Karachi, Pakistan**

Affiliated to Board of Intermediate Education, Karachi

(Aug 2004 -Aug 2006)

Intermediate

### **A.B.C Public School, Karachi, Pakistan**

Affiliated to Board of Secondary Education, Karachi

(June 2004)

High School

## **TECHNICAL SKILLS**

- AutoCAD 2010
- MS Office
- Multisim
- Calculux
- Dialux
- C++

## **PROJECTS**

### **Final Year Project:**

**“Survey, Analysis, Testing & Redesigning of Power Distribution Network of Electrical Department at NED University of Engineering & Technology”**

The Project is aimed at the detailed survey of as-built Power Distribution Network & designing of schemes for its up-gradation. The Project studies included:

- General Concepts of Design
- Site Investigation & Testing

- Circuit Tracing, Tagging & making of Single Line Diagrams of As-built Network.
- Revamping of Illumination, Ventilation and Load Forecasting according to the Standards of Power Distribution Network.
- Use of Software's such as AutoCAD & Calculux.

### **Other Projects**

- Logic Probe
- Water Level Detector
- Design of Analog Filter using Passive Elements
- Electronic Treasure Hunt

## **EXPERIENCE**

➤ Assistant Manager at **TECHNOMEN (Engineering, Procurement & Construction Company)** from January 2011 till December 2011. Job Duties Included:

- Studying the Functions & Specifications of Power Distribution Equipments.
- Tendering.
- Cost Approximation, Planning and Execution of Low Voltage, Medium Voltage & High Voltage Projects.
- Providing Technical and Financial Solutions for Power Projects.

➤ Internee at **PIA ENGINEERING & MAINTENANCE DEPARTMENT** from June 2009 till July 2009.

## **EXTRA CURRICULAR ACTIVITIES**

- Member of IEEE Student Chapter.
- Worked as Volunteer for SENTEC, an Inter-University Project Exhibition held at N.E.D University.
- Organized INFORMATIX, an IEEE Seminar held at N.E.D University.
- Organized Spring Festival held at NED University.
- Member of Green Society at N.E.D University.
- Participated as a Member of N.E.D University's Badminton Team in the Inter-University Badminton Tournament held at Sargodha.
- Attended Second Women in Business Conference Organized by ENGRO Corporation.
- Participated in Rejuvenating Pakistan Activity & a 3-day Nation Building Seminar held at N.E.D University.

- Participated in the Talent Hunt Computer Quiz Competition Organized by Consulnet Corporation.
- Participated in Dramatic, Art Competition & Science Exhibition at A.B.C Public School.
- Won 3rd Prize in Unique Pakistan Photography Competition.