



## Faculty Profile Format for Website

**Full Name:** Engr. Syed Saad Ali

**Designation:** Lecturer

**Department:** Electrical Engineering

**Email Address:** saad.ali@nhu.edu.pk



### Short Introduction

Engr. Syed Saad Ali is a dynamic and dedicated lecturer in the Department of Electrical Engineering at the Faculty of Engineering Practices & Sciences. Holding a bachelor's and master's degree in electrical engineering, he brings a deep understanding of the discipline coupled with a passion for teaching. With a focus on subjects Industrial Electronics, Linear Circuit Analysis and Power Generation.

Recently, a research paper was accepted for publication in the 5th International Conference on Emerging Trends in Engineering, Management, and Sciences (ICETEMS-2023), organized by the City University of Science and Information Technology (CUSIT), Peshawar, Pakistan. This is a significant, high-quality conference proceeding.

His research interests are in electrical engineering, electrical power engineering, power generation, DC-DC converters, and automation-based energy saving.

His broad experience in supervision spans several undergraduate projects. Supervision of electrical engineering technology final year projects. Seven projects are fully funded by Ignite National Technology Fund (Ministry of Information Technology and Telecommunication).

### Experience

<b>08/2023 – Present</b> <b>Designation:</b> Lecturer <b>Department:</b> Electrical Engineering	<b>Nazeer Hussain University</b>	<b>Karachi</b>
<b>01/2020 – 08/2023</b> <b>Designation:</b> Laboratory Engineer <b>Department:</b> Electrical Engineering	<b>Nazeer Hussain University</b>	<b>Karachi</b>



## Educational Information

- Master of Engineering (M.E)-Electrical (2023) from Hamdard University.
- Bachelor of Engineering (B.E) - Electrical (2018) from Nazeer Hussain University Karachi. PEC registered Engineer.

## Achievements, Research/Publications

### **Professional Associations:**

- Registered Pakistan Engineering Council member
- IEEE member

### **Publications:**

- Shujaat Ali, Yanbo Che, Syed Saad Ali, Ronak Ali, Muhammad Shakir“ Application of Robust Control in Power Electronic DC-DC Converter”, 5th International Conference on Emerging Trends in Engineering, Management and Sciences (ICETEMS-2023).
- Shujaat Ali, Syed Saad Ali, Ubaid ullah, Farhat Muhammad Khan, Ronak Ali “ Lighting Control with Building Automation and Motion Sensors for Energy Efficiencies” 3rd International Conference on Emerging Trends in Engineering, Management and Sciences (ICETEMS),2018.