

Muhammad Taha

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CAREER OBJECTIVE:

To be an asset of an engineering firm through my hard work, determination and engineering knowledge.

ACADEMIC QUALIFICATION:

- | | | |
|-----------------|--|------|
| • B.E | Electrical Engineering, NED University of Engineering & Technology | 2018 |
| • Intermediate | Pre-Engineering, DEHLI GOVT. COLLEGE | 2014 |
| • Matriculation | Science, Programmer Secondary School | 2012 |

PROJECTS/RESEARCH OUTPUTS

❖ Research Interests:

- Power systems, Control Systems

❖ Undergraduate/B.E. projects:

- Final Year Project: "Islanding detection technique for distributed network connected to mini hydro generation."
 - **Description:**
 1. Project deals with the latest technology in power systems i-e Smart Grid.
 2. Researched on different components of the software and understand the purpose of the Components used in the models.
 3. Developed the hydro power plant with one and two distributed networks, with the correct parameters rating and also performing the operation of islanding and cause of load shedding
 4. Issued various command in order to avoid instabilities in a system which results in partial or full blackouts.
 - Dual Power supply
 - Water level detector

PROFESSIONAL EXPERIENCE:

One month Internship at "**R.A engineering PVT. LTD**" in from 18th October 2017 to 17th November, 2018

- ❖ Visited switch gear, synchronizing panel manufacturing, power project department and rental department to understand the electrical systems installed in these fields.
- ❖ Manufacturing of switch gear and synchronizing panel ,working of circuit breaker ,ACB (Air circuit breaker),MCCB(molded case circuit breaker),low voltage switch gear panel ,power factor improvement panel, designing of distribution board ,working of generator and controlling AVR and governer for synchronizing.

EXTRACURRICULAR ACTIVITIES:

- ❖ Different research articles regarding latest inventions in different branches of electrical engineering
- ❖ Reading books
- ❖ Playing cricket

SOFTWARE SKILLS:

- MS Office
- MATLAB/Simulink
- Proton IDE
- Proteus
- Electronic Workbench
- ETAP
- PSCAD
- Code blocks
- Python
- LT spice
- Power World Simulator
- Multisim

PERSONAL INFORMATION:

- **Father name:** Muhammad Saleem
- **Date of birth:** 09-05-1995
- **Languages:** Urdu, English