



# Om Prakash Jaiswal

Electrical Engineer (NEC No.:- 80837)



## Profile

I am a fresher, a recent graduate with a Bachelor degree in Electrical Engineering. I am a hardworking and dedicated individual, with excellent communication and teamwork skills.

I have the skills and qualifications necessary in the field of power electronics, power system, control system and other subject related to the electrical engineering. I do focus on small details and can struggle to see the bigger picture related to the field.



## Education

2023

↑  
2018

### Tribhuvan University (TU)

*IOE, Purwanchal Engineering Campus (ERC), Dharan-8*

#### Courses and Achievements:

- Bachelor of Engineering in Electrical Engineering with 68.12% (First Division). (certificate)
- Gained an understanding of different types of electrical and electronics circuits, electrical machines, power electronics, power system, control system and so on along with their mathematical interpretations and real-life applications.
- Received basic skills of electrical wiring and electrical circuitry, programming languages like C/C++, Python, Arduino, etc.

2018

↑  
2016

### National Examination Board

*Little Angels' Secondary School, Hattiban, Lalitpur*

#### Courses and Achievements:

- Passed Grade XI & XII with Science major and secured overall CGPA 3.34 in 2018. (certificate)

2016

### Government of Nepal

*R R Sure Success English Boarding School, Malangawa-5, Sarlahi*

#### Courses and Achievements:

- Passed SEE with overall GPA 3.45 in 2016. (certificate)



## Project

May, 2023

### Simulation and Hardware Realization for Speed Control of Single Phase Induction Motor using Voltage Per Frequency (V/F) Method

#### Final year project

- Developed and implemented a mathematical modelling of the motor for analyzing the performance of motor using open loop and closed loop configuration in MATLAB/SIMULINK.
- Studied and realize a practical circuit to control the speed of motor using SPWM technique.



## Contact

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#### Links

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📧 Om Prakash Jaiswal  
🔗 omprakash028



## Skills

- Basics of Electronics Hardware and Electrical Wiring (certificate)
- Python (certificate)
- MATLAB / SIMULINK
- Proteus, LaTeX
- Basics of AUTOCAD
- Problem Solving and Adaptability
- Effective Communication and Teamwork



## Training/Certificates

- The Workshop for MATLAB training as "Trainer" (ELESS, 2023)(certificate)
- The Workshop for Proteus training as "Trainer" (ELESS, 2023)(certificate)



## Languages

Nepali,  
Maithili,  
Bhojpuri

Fluent

English, Hindi

Intermediate