

SUSHANT CHAUDHARY

Aloknagar, New Baneshwor, Kathmandu, Nepal

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Objective

I'm a recent Electrical Engineering graduate from Pulchowk Engineering Campus with a strong passion for clean energy and sustainable technologies. Skilled in power systems, PV system & integration, and building electrical design using AutoCAD. Eager to contribute to innovative projects in renewable energy, utilities, and smart grid development.

Education

B.E. Electrical Engineering

Pulchowk Engineering Campus, IOE, TU

Relevant Courses: Power Systems, Electric Machines, Power Electronics, Transmission & Distribution, WECS

Intermediate Level (+2)

NASA College, Tinkune, Kathmandu

GPA: 3.56

Technical Skills

- Electrical Systems: Power Distribution, PV Systems, WECS, Power Plant Design
- Tools: AutoCAD, MATLAB & Simulink, Excel, MS Word
- Programming: Python, C, C++
- Soft Skills: Communication, Teamwork, Problem-solving, Time Management

Projects

PV-Hydro Microgrid with PQ Control

- Designed control logic for PV inverter as STATCOM
- Enabled reactive & active power support in isolated hybrid systems

T&D System Design

- Economical voltage level selection, conductor sizing, and circuit configuration

Experience & Activities

- Volunteer, LOCUS Tech Festival
- Organizing Committee, Energy Hackathon 8.0
- Workshop Organizer & Mentor (energy systems & AutoCAD design)

Languages

Nepali, English, Maithili, Hindi

References

Available upon request.