ANIL THAPA

Godawari Municipality – 5, Lalitpur| (977)9840012067 | bineilthapa@gmail.com

WORK EXPERIENCE

Thapathali Campus, Institute of Engineering, TU **Nov, 2025 - Present**

Research Scholar, Department of Electronics and Computer Engineering *Kathmandu, Nepal*

- Pursuing a research work at graduate level
- Part time lab instructor

Everest Engineering College (Pokhara University) **2022 – Present**

Senior Lecturer, Department of Computer Engineering *Lalitpur, Nepal*

- Lecturing computer and electronics engineering courses

Mentor, EEC Robotics Club

- Mentoring students for different Robotics, IOT and automation project for inter and intra college tech events

Member, Research Committee

- Actively engaging in planning, coordination, and implementation of research-related academic activities at the institutional level

BRAC University **2021 – 2022**

Research Scholar, Department of Electronics and Computer Engineering *Dhaka, Bangladesh*

- Conducted mathematical modelling of PMSG wind turbine
- Developed decoupled P-Q control using STATCOM for power compensation during sudden wind gust.

Teach for Nepal **2018 – 2020**

Fellow Secondary Teacher *Lalitpur, Nepal*

- Mathematics teacher at Shree Mahendra Dev Ma. Vi. Taranche – 7, Lamjung
- Giving education back to community

EDUCATION

BRAC University **2021 – 2022**

Meng. in Electrical and Electronic Engineering (Specialization: Power and Control) *Dhaka, Bangladesh*

- GPA: 3.74/4.0

Kantipur Engineering College (Tribhuwan University) **2013-2017**

B.E. in Electronic and Communication Engineering *Dhapakhel, Lalitpur*

- %: 75.50
- Semester Scholarship awarded for three times based on academic excellence
- Sports week Coordinator
- Awarded with Highest Scorer Award in Basketball in College Sports Week

PUBLICATIONS (2)

- Thapa, A., & Rahim, A. H. M. A. (2022). A STATCOM P-Q Controller for a PMSG Wind Energy System. In 2022 International Conference on Energy and Power Engineering (ICEPE) (pp. 1–5)
- Thapa, A. (2025). Modelling and Simulation of Single Mass PMSG. Everest Advances in Science and Technology, Vol.

RESEARCH INTERESTS

Renewable Energy Systems, Control Systems, Power Electronics, Embedded Systems, IOT, AI, ML

ADDITIONAL

Technical Skills: Proficient in MATLAB, Python
Languages: Nepali, English, Hindi, Bengali