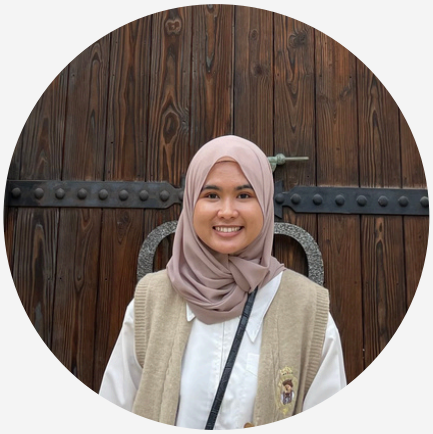

Hasnah Pidteh

Electrical Engineering

CONTACT ME

0612029576

hasnahpidteh@gmail.com

98 Phahon Yothin 45
Alley, Lat Yao, Chatuchak,
Bangkok 10900, Thailand

EDUCATION

Electrical Engineering

Kasetsart University/Bangkok

2021 - 2025

GPA 3.08

SKILLS

- BOQ
- Auto Cad
- Wiring connections
- BIM, Revit
- Dialux Evo
- Leadership
- Microsoft office

EXPERIENCE

APR. 2024 Technip Energy / Trainee

Internship related to electrical engineering involves calculating and designing electrical systems. The training includes learning about **power systems** such as AC Networks, Load Flow, Short Circuit, Arc Flash, Device Coordination, Motor Acceleration, Transient Stability, and Harmonics.

Jan. 2025 Designed the electrical system for a building

Assisted a professor in designing the electrical system for a **Net Zero building** to be constructed. Responsibilities included collaborating with L&E on lighting system design, designing the fire alarm system, organizing electrical circuits, using **AutoCAD** for electrical design, and utilizing Dialux Evo to calculate lighting illuminance levels.

CLASS EXPERIENCE

Final Project / Application of Building Information Modeling (BIM) in Electrical and Signal Systems Design in Apartment Buildings

Design electrical and signaling systems, including electrical systems, fire alarm systems, lighting and exit sign systems, communication systems, and lightning protection systems. The design will be created in 2D using AutoCAD, modeled in 3D using Revit, and lighting systems will be designed using Dialux Evo. including the preparation of a **Bill of Quantities** (BOQ)

Distributed Electric Generation System

Design a **distributed electric generation system** using Excel to calculate the appropriate generator size. The calculations will provide results identifying suitable generators for various systems, taking into account voltage drop and harmonics that affect the system.

Head

Mini Project I Power Electronics

Simulation the inverter system by controlling the inverter to work according to the conditions. By controlling the voltage drop, the load to be stable when there is a voltage is changed in the source and control the load current to be stable when the load is changed.

Head

Lab I Automation & Control

- Design the Relay circuit and use PLC to control the operation of Conveyor Belt
- Connect the circuit to control the rotation of both DOL and star-delta three-phase electric motors.
- Pneumatic and electro pneumatic circuit welding to control the operation of the cylinder.