



## Supriono, S.T., M.T

Power System Engineering

Bachelor's degree (Electrical Engineering)      Departement of Electrical Engineering, USU, Medan, Sumatera Utara      1997

Master's degree (Electrical Engineering)      Departement of Electrical Engineering, UGM, Yogyakarta      2001

Employment      Lecturer Undergraduate's program in Electrical Engineering, Engineering Faculty      University of Mataram, Indonesia      1999

Research and development projects over the last 5 years

1. Performance analisis of mini Solar panel Power plant with using DC network (Internal fund-2018)
2. Design of DC/DC Converter for Fast Charging Batere (Internal fund-2017)

Industry collaborations / Community Services over the last 5 years

1. Counseling of using and principle of mini solar panel for house electricity at Dusun Buani, North Lombok (2022)
2. Workshop conversion of lighbulb LED 220 V into lighbulb 12 V for night lighting at Dusun Buani, Nort Lombok (2019)
3. Development of independent power suplay at Desa Gili Gede Indah Kecamatan Sekotong West Lombok (2018)
4. Counseling of the save electricity sistem and development of independent power suplay at Dusun Cemara, Desa lembar Selatan, Kecamatan Lembar, West Lombok (2017)

Patents and proprietary rights

1. Matematika Teknik 1 (Book)      2019

Important publications over the last 5 years

1. Modeling and Power Management of Electric Vehicle Charging System (2021)
2. Perandangan teknik modulasi inverter 3phase 2-tingkat untuk menghasilkan tegangan keluaran variable (2020)
3. Pengaruh teknik moduylasi PWM pada keluaran inverter tiga fase untuk pengaturan kecepatan vaiable motor induksi (2018)
4. A New Modulation Technique for A Three-Cell Single-Phase CHB Inverter with Un-Equal DC-Link Voltage for Improving Output Voltage Quality (2018)

Activities in specialist bodies over the last 5 years

