



Supriyatna, ST., MT.

Analysis, Distribution and Power System Protection

Bachelor's degree (Electrical Engineering)	Hasanuddin University, Makassar	1997
Master's degree (Electrical Engineering)	Bandung Institute of Technology (ITB)	2002
Employment	Lecturer in Bachelor of Electrical Engineering, Engineering Faculty	University of Mataram, Indonesia April, 1997
Research and development projects over the last 5 years	<ol style="list-style-type: none"> 1. Design of Universal Charge Controller for Integrating Distributed Renewable Energy Generations (Internal Funds – 2021) 2. Analysis of Geomagnetic Data for The Nurul Bayan Station Using Differentiation Method as a Precursor for The 2018 Lombok Earthquake (Internal Funds – 2020) 3. Performance Improvement of Grid Tie Inverter on Microgrid of Solar Photovoltaic (Internal Funds – 2019) 4. Analysis of Electric Field and Step Voltage at Ground Surface on Rod and Plate Electrodes (Internal Funds – 2018) 	
Industry collaborations / Community Services over the last 5 years	<ol style="list-style-type: none"> 1. Demonstration of Superposition Method in Electrical Circuit Analysis for Students SMAN 5 Mataram (2022) 2. Introduction Installation of Lightning on Buildings in SMAN 8 Mataram (2020) 3. Counseling on Occupational Health and Safety (K3) for Students at SMPN 7 (2019) 4. Application of MPPT on small-scale PV system at SMKN 1 Pringgabaya (2018) 	
Patents and proprietary rights	-	-
Important publications over the last 5 years	<ol style="list-style-type: none"> 1. Geomagnetic Big Data Analysis Using Differentiation Method as Precursor of The 2018 Lombok Earthquake, <i>Jurnal Sains Teknologi & Lingkungan Spesial Issue</i>, Oktober 2021. https://doi.org/10.29303/jstl.v0i0.258 2. Protection using Distance Relay at High Voltage (150 kV) System Transmission Lombok, 2020. https://doi.org/10.29303/dielektrika/jstl.v7il.230 3. Performance Improvement of Grid Tie Inverter on Microgrid of Solar Photovoltaic, 2019 Fourth International Conference on Science and Technology (ICTS), (2019). https://proceeding.unram.ac.id/index.php/icst/article/view 4. Fairness Principles on Power Loss Allocation Methods and Energy Price in Power Distribution System, 2018. https://doi.org/10.29303/dielektrika.v5il.127 	

Activities in specialist
bodies over the last 5
years

Organisation
The Institution of
Engineers Indonesia
(PII)

Role
Member

Period
2018 -