



Dr. Ida Ayu Sri Adnyani, S.T., M.Erg.

Power System Engineering

Bachelor's degree (Electrical Engineering) Udayana University 1998

Master's degree (Ergonomic) Udayana University 2001

Ph.D' degree (Ergonomic) Udayana University 2010

Employment Lecturer Undergraduate's program in Electrical Engineering, Engineering Faculty University of Mataram, Indonesia March, 1998

Research and development projects over the last 5 years

1. Design of Universal Charge Controller for Integrating Distributed Renewable Energy Generations (Internal Funds – 2021)
2. Performance Improvement of Grid Tie Inverter on Microgrid of Solar Photovoltaic (Internal funds – 2019)
3. Analysis of Electric Field (E) and Step Voltage (V) at Ground Surface on Rod Electrodes and Cover Plate Electrodes (2018)

Industry collaborations / Community Services over the last 5 years

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. Introduction to Safe Household Electrical Installation for Students of State Junior High School (SMPN) 7 Mataram (2020)
4. Counseling on Occupational Health and Safety (K3) for Students at SMPN 7 (2019)
5. Application of MPPT on small-scale PV system at SMKN 1 Pringgabaya (2018)

Patents and proprietary rights - -

Important publications over the last 5 years

1. Performance Improvement of Grid Tie Inverter on Microgrid of Solar Photovoltaic. International Conference on Science and Technology (ICST) (2020)
2. Electric and magnetic fields around the tower due to lightning-strike using lightning current simulation International Conference on Science and Technology (ICST) (2021)
3. Testing of Physical and Electrical Properties of Coconut Oil As Alternative Insulation In Power Transformers (2021)
4. Improvement of Work Posture Through the Tri Angga Concept to Improve the Health Quality of Hindu Priests at Tirta Empul Temple, Tampaksiring Bali. DOI: 10.24843/JKB.2022.v12.i01.p10 (Jurnal of Bali Studies) (2022)

5. Survey of Geothermal Energy Potential Using Geomagnetic Method in Sembalun Timba Gading, Lombok (ICST) (2019)
6. Experimental Performance of a Modified Savonius Turbine for Small Scale Portable Wind Power Generator. (IAEME Publication) (2018)

Activities in specialist bodies over the last 5 years

Organisation	Role	Period
IEEE	Member	2021-2022