



Paniran, S.T., M.T.

Digital Electronics

Bachelor of Electrical Eng.	Universitas Indonesia	1998
Master of Electrical Eng.	University of Gadjah Mada	2001
Assoc.Prof	University Of Mataram	2008

Employment

Lecturer Undergraduate's program in Electrical Engineering, Engineering Faculty	University of Mataram, Indonesia	1999-now
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Research and development projects over the last 5 years

1. 2021 – Body Temperature and Facial scan with using Thermal camera MLX90640, PNBPN Unram
2. 2019 - Mini Exploration of Geothermal Potential using Geomagnetic Method over Sembalun Area, PNBPN Unram

Industry collaborations / Community Services over the last 5 years

1. 2021-now Design Committee PT. Indonesian Tourism Development (Persero) The Mandalika . Tourism Area Development
2. 2019 to 2020 Mechanical & Electrical Engineer PT.Surveyor Indonesia (persero), Construction Management Consultant (MK) on the Construction of West Parking-stand and Alpha Taxiway (for Lombok International Airport – NTB)
3. 2018 to 2019 Mechanical & Electrical Engineer (PT.Surveyor Indonesia (persero), Construction Management Consultant (MK) on the Construction of Fixed Bridge, Corridor and Garbarata (for Lombok International Airport – NTB)
4. 2018 Training Instructor on “Advanced Process Control & Instrumentation” (for PT. Biofarma Persero)
5. 2017-now Electrical Engineer Technical Team of the Assessment Commission for environmental impact analysis on West Nusa Tenggara
6. 2017 to 2018 Mechanical & Electrical Engineer on Detail Engineering Design (DED), construction of Building I (Inspektorat and BKD-PSDM), and Building 2 (Department of Culture, Tourism, and Diskominfo) North Lombok Regency.
7. December 2016, Training Instructor on “Quality Assurance Training: Best Practice Laboratory quality management system Iso 17025:2008” (for PT.Biofarma Perero)
8. November 2018 Training Instructor on “Advanced Process Control & Instrumentation” (for PT. Biofarma Persero)
9. September 2016 Training Instructor on “Measurement Errors in Sensors and Instruments” (for PT.Biofarma Perero)

10. 2014-2016 Electrical Engineer Technical Team of the Assessment Commission for environmental impact analysis on West Nusa Tenggara
11. Consultation Services and Measurements for Right of Way (RoW) under 150 kV HVAC GI Ampenan – GI Tanjung (for PT. PLN Persero)
12. Engineer in electronics and aviation safety, Construction Management (MK) Consultant on the Construction of Supporting Facilities for Operational Support (for Lombok International Airport – NTB)
13. Mechanical and electrical engineer at activities “Construction Development Consultant Australia Indonesia Basic Education Program (CDC-AIBEP)” in cluster 22.
14. Instructors in the education and training of 'Electronic Control Systems and Electrical Protection' at PT. PLN (Persero) Lombok Sector”.

Patents and proprietary rights

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Important publications over the last 5 years

1. Abdurrohman Sudaesi, Giri Wahyu Wiriasto, Paniran (2022) PLC-Based 6-Floor Elevator Control Simulator, Journal of Information Technology, Computers and Its Applications (JIKA) Vol. 4, No. 1, March 2022, doi: 10.29303/jtika.v4i1.174
2. Dira Pratiwi, Paniran, Muhamad Syamsu Iqbal (2021) Monitoring of Reservoir Water Level through Android-Based Arduino Mega 2560. Dielektrika, Vol. 8, No.1 :54 - 59, Februari 2021, doi:10.29303/dielektrika.v8i1.255
3. Zubaidah T, Kanata B, Paniran, Misbahuddin, Rosmaliati, MS Yadnya, Riskia S (2018) Earth Magnetic Fields Evolution over Nusa Tenggara Region from Declination and Inclination Changes on Lombok Geomagnetic Observatory. 2018 2nd AEMT, doi: 10.1109/AEMT.2018.8572475.
4. Kanata B, Zubaidah T, Paniran; Zainuddin A, Ramadhani C, Wiriasto GW, LAS Irfan Akbar, Riskia S (2018) Earth Magnetic Fields Evolution over Nusa Tenggara Region from Intensity and Power Spectral Density Changes on Lombok Geomagnetic Observatory. 2018 2nd AEMT, doi: 10.1109/AEMT.2018.8572349.
5. Zubaidah T, Kanata B, Paniran, Yani A (2017) Static and Dynamic Magnetic Fields Scattering on a Mini Magneto-static Flux Manipulator for Wireless Power Transfer. 2017 15th International Conference on Quality in Research (QiR), doi: 10.1109/QIR.2017.8168515.
6. Zubaidah T, Kanata B, Paniran, Wiriasto GW (2016) Observation of geomagnetic fields changes related to 9th March 2016 solar eclipse on Lombok Island-Indonesia. The 7th Indonesia Japan Joint Scientific Symposium (IJSS), Chiba University, Japan.

Activities in specialist bodies over the last 5 years