



Cipta Ramdhani, ST., M.Eng

Digital Electronics

Bachelor's degree (Electrical Engineering) University of Mataram 2009

Master's degree (Electrical Engineering - Smart network multimedia) University of Gadjah Mada 2011

Employment Lecturer Undergraduate's program in Electrical Engineering, Engineering Faculty University of Mataram, Indonesia 2019

Research and development projects over the last 5 years

1. Earthquakes clustering in Lombok Island using Agglomerative clustering Algorithm (Internal Funds - 2022)
2. Implementation of Polarization method for earthquake precursor in japan. (Internal Funds - 2021)
3. Temperature measurement and identifying facemask-wearing using Thermal camera in pandemic COVID 19 era (Internal Funds - 2021)
4. Implementation of Polarization method for earthquake precursor in lombok island (internal funds - 2019)

Industry collaborations / Community Services over the last 5 years

1. Workshop on the use of information systems as a tool for evaluating online and offline learning processes (2022)
2. Disaster Mitigation of Building in Engineering faculty in Universitas of Mataram(2021)

Patents and proprietary rights

1. BOOK : Introduction to algorithm and data structure using Java Programming 2017
2. BOOK : Introduction to algorithm and data structure usng C++ 2018
3. BOOK : Graph algorithm theory using Java Programming. 2019

Important publications over the last 5 years

1. Clustering of The 2018 Lombok, Indonesia Earthquakes using Agglomerative Clustering Algorithm, (2022)
2. Geomagnetic Anomaly Associated with Fukushima Earthquake on February 13th 2021 (2021)
3. prototype of Temperature Measurement and mask identification to reduce of Covid transmission (2021)
4. Implementation of Polarization method for earthquake precursor In Lombok Island (2019)

Activities in specialist
bodies over the last 5
years