



**LIST OF GRADUATE THESES**  
**as of October 2021**  
**Master of Science in Electronics Engineering**  
**Major in Control Systems**

- Batin, K. R. A. (2020). *Test Time Reduction for Nonlinearity Error Testing of Digital Potentiometer* [Master's Thesis, MSECE Control Systems]. School of Graduate Studies, Mapua University.
- Gonzales, G. F. B. (2016). *Detection of Cadang-cadang Viroid (CCCVd) in Coconut (Coco Nucifera) Leaves Using Integrated Image Processing Algorithms*. [Master's Thesis, MSECE Control Systems]. School of Graduate Studies, Mapua University.
- Lamboloto, A. I. G. (2018). *Design and Implementation of Internet of Things (IoT)-Based Facial Expression Recognition with Support Vector Machine Algorithm Application to Infant* [Master's Thesis, MSECE Control Systems]. School of Graduate Studies, Mapua University.
- Liquido, J. P. (2021). *Design and Development of a Master-Slave Algorithm for Agricultural Mobile Robots* [Master's Thesis, MSECE Control Systems]. School of Graduate Studies, Mapua University.
- Ramones, C. M. G. (2020). *Human Milk Spoilage Detection System by Hydrogen, Ethanol, and Carbon Dioxide Measurement Using Electronic Nose with Principal Component Analysis* [Master's Thesis, MSECE Control Systems]. School of Graduate Studies, Mapua University.
- San Miguel, A. T. F. (2019). *Personal and environmental predictors of turnover intent of Filipino entry level employees: a predictive cross-sectional study* [Master's Thesis, MSECE Control Systems]. School of Graduate Studies, Mapua University.
- Sarimos, S. L. A. (2019). *Development of Image Processing-based Ship Detection Algorithm for High Frequency Surface Wave Radar* [Master's Thesis, MSECE Control Systems]. School of Graduate Studies, Mapua University.
- Tendilla, A. G. (2019). *PID Controlled Bipod Azimuth and Elevation Adjustor for 81mm Mortar Cannon* [Master's Thesis, MSECE Control Systems]. School of Graduate Studies, Mapua University.
- Valencia, M. A. C. (2019). *Low-Cost LoRa-Based Transmission System for Weather Balloon* [Master's Thesis, MSECE Control Systems]. School of Graduate Studies, Mapua University.