

**DEVELOPMENT OF INFRARED BASED-SURVEILLANCE SYSTEM FOR DIET
ELECTRICAL LABORATORY OF COLLEGE OF ENGINEERING AND
INFORMATION TECHNOLOGY, CAVITE STATE UNIVERSITY
INDANG, CAVITE**

Undergraduate Thesis
Submitted to the Faculty
of the College of Engineering and Information Technology
Cavite State University
Indang, Cavite

In partial fulfillment
of the Requirements for the degree
Bachelor of Industrial Technology

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ABSTRACT

CASTILLO, MICHAEL M., PELLE, KEVIN S. **Development of Infrared Based Surveillance System for DIET Electrical Laboratory of College of Engineering and Information Technology, CvSU.** Undergraduate Design project. Bachelor of Industrial Technology major in Electrical Technology. Cavite State University, Indang, Cavite. March 2014. Adviser: Garry M. Cahibaybayan.

The design project was developed and constructed at the Department of Industrial Engineering and Technology electrical laboratory from January to February 2014. Generally, the study aimed to secure a place by monitoring behavior and activities happening in a particular place.

The Infrared Based Surveillance Layout for DIET Electrical Laboratory of College of Engineering and Information Technology was design to provide security and monitoring for the equipment and students in the laboratory.

The evaluation of the system in terms of operation, presentation, availability, quality, application, demand were computed and presented based on the evaluation of the respondents.