

FACULTY OF ELECTRICAL ENGINEERING

UNIVERSITI TEKNOLOGI MARA PENANG BRANCH

BUKIT MERTAJAM CAMPUS

FINAL REPORT
DIPLOMA IN ELECTRICAL ENGINEERING
PROJECT 2 (KEU 380)

MULTIPURPOSE OF RADAR

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Abstract

Final project is a part of course structure for student in their final year. The project is compulsory to us as a final year student for Diploma in Electrical Engineering. The purpose of doing this project is to produce student main power with a very skill and able to handle a responsibility that been given like this project. We should prepare to deliver a creativity idea and good interpersonal image to our future employee.

By doing this project it will make student used all their knowledge, capability, creativity and skills to purpose create and trouble shoot the project. It is because all of the theory and skills that they have learned from the project will be used in the future.

In our project, before technology was founded, human sense something using eyes and ears. This multipurpose of radar is new technology of sense something that moving by the transducer that will detect and a pulse will be produced. It depend a sensitivity setting and the direction of the movement.

ACKNOWLEDGEMENT

BISMILLAHIRRAHMANIRRAHIM

Alhamdulillah Robbil A'lamin, Salawat and Salam to the greatest Prophet,
Muhammad s.a.w and to all his generations and also to his good companions.

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OBJECTIVES

This final report made for project 2, KEU 380. Every plan or work needs its aim why the plan or work must be done. Therefore, the main objectives of this project 2, KEU 380 are:

- 1) To complete the requirement of course subject KEU 380 in part 6.
- 2) To teach all engineering students more details about parts and components those are use in this project 2 especially the integrated circuit (les).
- To make all electrical engineering students learn and understand about project simulation in circuit maker
- 4) To prepare the students for the final project this is project 2, KEU 380 that every engineering student must deal in last semester of diploma

Otherwise, after have done this project 2, KEU 380, every electrical engineering students should be able to:

- 1) Plan a good project
- 2) Fully manage how to make a project with confident
- 3) Analysis the project/problem
- 4) Suggest a suitable solution
- 5) Discuss in group
- 6) Write a final report
- 7) Present the project

Besides that, the objective of MULTIPURPOSE OF RADAR is

- 1) To detect a motion movement
- 2) To detect intruder and so on as a security alarm to shop or homes
- 3) As welcoming alarm for visitor at shop or homes
- 4) To understanding the operation of this project