

**FACULTY OF ELECTRICAL ENGINEERING
UNIVERSITI TEKNOLOGI MARA TERENGGANU**

FINAL REPORT OF DIPLOMA PROJECT

iSMOKEROOM

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“I declare that this report entitled “*iSMOKEROOM*” is the result of our own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree.”

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ABSTRACT

The electricity is one of the most important things that needed in our daily life. A lot of machines are depends on the electricity. The electric energy becomes highly demand and people encouraged to use this electricity wisely to minimum the usage of electric energy. This problem give idea to build the economical smoking room called as iSMOKEROOM which is the main objective is to decrease use of electric energy. The smoking rooms that already exist are not efficient regarding to saving the electric energy. The fans or blowers are non-stop running even the room not in use. So the smoking room should be upgrade to become more efficient. The iSMOKEROOM is built for saving the electric energy by using sensor to detect smoke. The blower only running if the sensor detect smoke stop when smoke are blow out. The LCD is added to make this smoking room more urban. LCD is use to show the smoking room in use or not. This will make our smoking room easier to use.

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