**INTELLIGENT SAFETY HELMET FOR MOTORCYCLIST**

**ABSTRACT**

Intelligent Safety Helmet for Motorcyclist is a project undertaken to increase the rate of road safety among motorcyclists. The idea is obtained after knowing that the increasing number of fatal road accidents over the years is cause for concern among motorcyclists. Through the study identified, it is caused the helmets used is not in safety features such as not wearing a helmet string and not use the appropriate size. Therefore, this project is designed to introduce security systems for the motorcyclist to wear the helmet properly. With the use of RF transmitter and RF receiver circuit, the motorcycle can move if there is emission signal from the helmet, in accordance with the project title Intelligent Safety Helmet for Motorcyclist. Security system applied in this project meet the characteristics of a perfect rider and the application should be highlighted. The project is expected to improve safety and reduce accidents, especially fatal to the motorcyclist.