AN AUTOMATIC FAN CONTROLLER BY USING WIRELESS POWER TRANSFER

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ABSTRACT

During first semester of fifth semester of Final Year Project Programme at Universiti Teknologi Mara (UiTM), author was supervised by Mr. Muhammad Muzamil bin Mustam, the Faculty of Electrical Engineering Lecturer. His role is to make sure all the progress of this project went smoothly including the software and hardware. Author had to cooperate with technician staffs to complete this project. This is because this project is using high voltage of 240V AC current. So, author needs their skills and helped to cooperate with. All the discussions had done together with supervisor and technician staffs at the laboratory after this project is tested. Process of trouble shoot had done to help author to know and understand deeply the flow of this project. The study of this project is to determined that an automatic fan can be controlled by using wireless power transfer. The purposed of this project is wanted to prove that the presence of electricity without the existence of wires. Basically, this project is depended on the coupled of coil which is acted as transmitter and receiver to transfer the electricity to move the fan.

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