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Report on

BRAIN CONTROLLED ROBOTIC CAR USING RASPBERRY PI

A report submitted for the partial fulfillment of the requirements for Mini Project of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI-PROJECT

(BRAIN CONTROLLED ROBOTIC CAR USING RASPBERRY PI)


BY

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BRAIN CONTROLLED ROBOTIC CAR USING RASPBERRY PI

ABSTRACT

In our society there are more people suffered by paralytic diseases causes them several disabilities like they are unable to talk and unable to move physically and unable to express their everyday basic needs, but they can still use their eyes and sometimes moves their head's. This project is working under the principle of Brain Controlled Interface (BCI). Our model helps them to control the wheelchair to the desired place by their eye blinks. So they don't need any caretaker to drive them, they can drive their pop wheelchair themselves. Wheelchair starts moving when we run the program, then the direction is chosen by having eye blinks.