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(57) Abstract :

7. ABSTRACT An intelligent parking system by using a computer processor, a microcontroller board, a servo motor, IR sensors, a display screen and a power supply for arduino. The said arduino microcontroller is connected with entry and exit sensors for receiving analog signals and the said IR sensor senses the motion of vehicle at entrance and exit gates to send signals. The said arduino micro controller converts the analog signal from the sensors into digital. The said microcontroller sends digital signal to the servo motor. The said servo motors are used at the entrance and exit to open the gates. The said LCD display is used to provide information about parking spaces as occupied or free. The said power supply is used for supplying power to arduino and display, Figure associated with Abstract is Fig. 1.

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