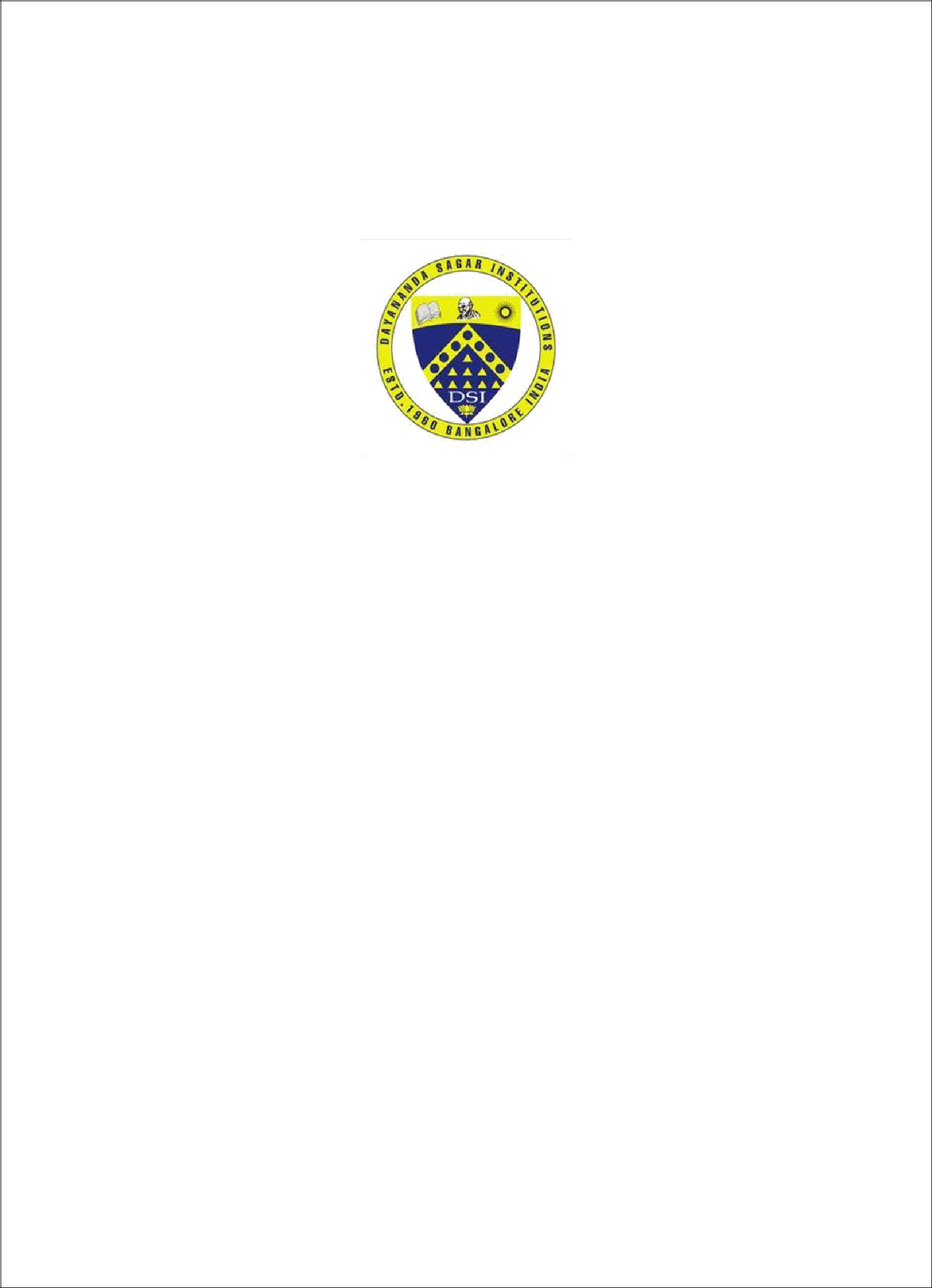
**DAYANANDA SAGAR COLLEGE OF ENGINEERING**

(An Autonomous Institute affiliated to VTU, Belagavi, Approved by AICTE & ISO 9001:2008 Certified)

Accredited by National Assessment & Accreditation Council (NAAC) with ‘A’ grade, Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru-560078.

**Mini Project Report**

**on**

**“FIRE ALARM SYSTEM”**

Submitted By

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**[Fourth Semester B.E (CSE)]**

**in**

**MICROPROCESSORS AND MICROCONTROLLERS**

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**ABSTRACT**

The main objective is to develop an application for the user to detect a fire which will be detected by the flame sensor. Also, to alarm the user with the help of a buzzer incase a fire is around. A Flame Sensor is a device that can be used to detect presence of a fire source or any other bright light sources. If the value of threshold is high then under normal conditions, the output from the Flame Sensor is HIGH. When the sensor detects any fire, its output becomes LOW. Arduino detects this LOW signal on its input pin and activates the Buzzer. compare the value with 0 or 1. If its equal to 1, it indicates that flame has been detected NodeMCU is an open source IoT platform. It includes firmware which runs on the ESP8266 Wi-Fi SoC from Espressif Systems, and hardware which is based on the ESP-12 module. We have integrated nodemcu as well as the flame sensor into our model.

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