#### A project report on

## "FOREST FIRE PREDICTION AND ALERT SYSTEM USING WIRELESS SENSOR NETWORKS"

#### Submitted to



#### VISVESVARAYA TECHNOLOGICAL UNIVERSITY

#### Jnana Sangama, Belgaum, Karnataka, India-590018

A Dissertation work submitted in partial fulfillment for the award of the degree of

# BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATION ENGINEERING

#### Submitted By

POOJA S	(1GC15EC055)
SAHANA S	(1GC15EC065)
SONIKA P N	(1GC15EC077)
SOUNDARYA R	(1GC15EC078)

Under the Guidance of

#### Mr. RAVEENDRA KUMAR T H

**Assistant Professor** 



GHOUSIA COLLEGE OF ENGINEERING Ramanagaram-562159 May 2019

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

#### GHOUSIA COLLEGE OF ENGINEERING RAMANAGARAM-562159



#### Certificate

This is certify that the project work titled "FOREST FIRE PREDICTION AND ALERT SYSTEM USING WIRELESS SENSOR NETWORKS" carried out by POOJA S, SAHANA S, SONIKA P N, SOUNDARYA R bearing USN: 1GC15EC055, 1GC15EC065, 1GC15EC077, 1GC15EC078 in partial fulfillment of the requirements for the award of BACHELOR OF ENGINEERING in ELECTRONICS AND COMMUNICATION ENGINEERING, Visvesvaraya Technological University, Belgaum during the year 2018-2019. It is certified that all correction and suggestions indicated for internal Assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of the guide	Signature of HOD	Signature of Principal
(Mr. RAVEENDRA KUMAR T H)	(Dr. SIRAJ AHMED T)	(Dr. A.R.ANWAR KHAN)
Name of the Examiners	Signature	e of Examiners with date
1		

#### **ACKNOWLEDGEMENT**

Before we turn to the project, we would like to add a few heartfelt words for the people who have been part of this project by supporting and encouraging me.

At the onset, we would like to thank **ALMIGHTY** for making us as we are. In particular, we would like to take this opportunity to express our Honor, Respect, Deepest Gratitude, and Genuine regards to **Dr. A.R.ANWAR KHAN**, principal, Ghousia College of Engineering Ramanagaram, for providing all facilities and environment to work in.

We would like to take this opportunity to express our Honor, Respect, Deepest Gratitude, and Genuine regards to Dr. SIRAJ AHMED T, HOD, Dept. of ECE, for his encouragement, guidance and moral support throughout the project work.

We express our sincere thanks to the project Coordinator Mr. MOHAMMED

ELAHI, for his kind help and constant encouragement.

We would like to take this opportunity to express our sincere thanks to our guide Mr. RAVEENDRA KUMAR T H, for giving us all guidance required for our project apart from being a constant source of inspiration and motivation.

We take this opportunity to thank all the staff members of Department of Electronics and Communication engineering for their cooperation and suggestions during the period of the project work.

We owe our special thanks to our Parents and Family Members for their moral support and warm wishes, and finally we would like to express appreciation to all our Friends for their support which helped us to complete this project successfully.

Cordially,
POOJA S
SAHANA S
SONIKA P N
SOUNDARYA R