**SMART ROADS – VEHICLE COLLISION PREVENTION SYSTEM**

***Project Report Submitted by***

**Ms. RithikaChowta (4NM14CS135)**

**Ms. Priya Shetty**

**(4NM14CS117)**

**Ms. Sharan Preetha Noronha (4NM14CS146)**

****

**UNDER THE GUIDANCE OF**

**Ms. Swathi Pai M.**

**Assistant Professor**

***in partial fulfillment of the requirements for the award of the Degree of***

**Bachelor of Engineering in**

**Computer Science and Engineering**

***from***

***Visvesvaraya Technological University, Belgaum***

******

**N.M.A.M. INSTITUTE OF TECHNOLOGY**

(An Autonomous Institution under VTU, Belgaum)

(AICTE approved, NBA Accredited, ISO 9001:2015 Certified)

**NITTE –574 110, Udupi District, KARNATAKA**

****

**April 2018**

**N.M.A.M. INSTITUTE OF TECHNOLOGY**

****

(An Autonomous Institution under VTU, Belgaum)

(AICTE approved, NBA Accredited, ISO 9001:2015 Certified)

**NITTE –574 110, Udupi District, KARNATAKA**

**DEPARTMENT OF COMPUTER SCIENCE AND**

**ENGINEERING**

CERTIFICATE

*Certified that the project work entitled*

***“SMART ROADS – VEHICLE COLLISION PREVENTIONSYSTEM”***

*is a bonafide work carried out by*

***Rithika Chowta (4NM14CS135)***

******

***Priya Shetty (4NM14CS117)***

***Sharan Preetha Noronha (4NM14CS146)***

*in partial fulfilment of the requirements for the award of*

***Bachelor of Engineering Degree*** *in* ***Computer Science*** *and* ***Engineering***

*prescribed by* ***Visvesvaraya Technological University, Belgaum***

*during the year 2017-2018.*

*It is certified that all corrections/suggestions indicated for Internal Assessment have been*

*incorporated in the report deposited in the departmental library.*

*The project report has been approved as it satisfies the academic requirements in respect of the*

*project work prescribed for the Bachelor of Engineering Degree.*

**Signature of Guide** **Signature of HOD** **Signature of Principal**

**Semester End Viva Voce Examination**

**Name of the Examiners**

**Signature with Date**

*1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**ACKNOWLEDGEMENT**

We take this opportunity to express our heartfelt gratitude and appreciation to all those who provided us the support and encouragement to complete this project. Without their contributions, inputs and suggestions, we would not have succeeded in developing the idea and completing the project. We record our indebtedness to NMAM Institute of Technology for giving us a platform to learn and also initiate our project.

Our heartfelt thanks to our esteemed guide and mentor, Ms. Swathi Pai M., Assistant Professor, Department of CSE, for her valuable advice, endless support and motivation, constantly throughout. Without her encouragement and stimulating suggestions, we may have not overcome the hurdles we faced in developing the idea and executing it.

We would like to thank Dr. Niranjan Chiplunkar, Principal, NMAMIT and Dr. Udaya Kumar Reddy, Head, Department of CSE for their consistent support and providing us this opportunity to do the project.

We would like to thank our college, NMAMIT for providing us with facilities such as infrastructure, high performance computers and laboratories for carrying out our work.

We would also like to thank all the teaching and non-teaching staﬀs of Department of CSE whose support motivated us to complete the project. A heartfelt thanks to our parents and our families for their undeviating solace. We express our deep sense of gratitude to all our batch mates who have invariably contributed to our project with their inputs and suggestions. Our unflinching gratitude to everyone who has directly or indirectly contributed to the project.

Rithika Chowta (4NM14CS135)

Priya Shetty (4NM14CS117)

Sharan Noronha (4NM14CS146)