

# **NUMBER PLATE DETECTION AND RECOGNITION SYSTEM**

## **A PROJECT REPORT**

*Submitted by*

**ANUPREETHI. R (810015205006)**

**ASMATH BEGUM. M (810015205012)**

*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF TECHNOLOGY**

**IN**

**INFORMATION TECHNOLOGY**



**UNIVERSITY COLLEGE OF ENGINEERING – BIT CAMPUS,**

**TIRUCHIRAPPALLI**

**ANNA UNIVERSITY::CHENNAI 600 025**

**APRIL 2019**

**UNIVERSITY COLLEGE OF ENGINEERING,  
BIT CAMPUS,  
TIRUCHIRAPPALLI-620 024.**

**BONAFIDE CERTIFICATE**

Certified that this project report “**NUMBER PLATE DETECTION AND RECOGNITION**” is the bonafide work of “**R.ANUPREETHI (810015205006)** and **M.ASMATH BEGUM (810015205012)**” who carried out the project work under my supervision.

**SIGNATURE**

**Dr. D. Venkatesan**

**HEAD OF THE DEPARTMENT**

**Department of Information Technology**

University College of Engineering,

Anna University-BIT Campus,

Tiruchirappalli-620 024.

**SIGNATURE**

**Mr. N. Kathirvel**

**SUPERVISOR**

**Department of Computer Science**

University College of Engineering,

Anna University-BIT Campus,

Tiruchirappalli-620 024.

Submitted for the project Viva voce examination held on .....

**Internal Examiner**

**External Examiner**

## **DECLARATION**

We hereby declare that the work entitled “**NUMBER PLATE DETECTION AND RECOGNITION**” is submitted in partial fulfillment of the requirement for the award of the degree in B.TECH, in University College of Engineering, IT Campus, Anna University, Tiruchirappalli. It is the record of our own work carried out during the academic year 2018 – 2019 under the supervision and guidance of Mr. N. Kathirvel, Teaching Fellow, Department of Computer Science, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli. The extent and source of information are derived from the existing literature and have been indicating through the dissertation at the appropriate places.

**R.ANUPREETHI**

(810015205006)

**M.ASMATH BEGUM**

(810015205012)

I certify that the declaration made above by the candidates is true

Signature of the Guide,

Mr. N. Kathirvel

Teaching Fellow

Department of Computer Science

University College of Engineering,

Anna University-BIT Campus,

Tiruchirappalli-620 024.

## **ACKNOWLEDGEMENT**

We would like to thank our honorable Dean **Dr.T.SENTHIL KUMAR**, Professor for having provided us with all required facilities to complete our project without hurdles.

We would also like to express our sincere thanks to **Dr. D. VENKATESAN**, Assistant Professor, Head of the Department, Department of Computer Science and Engineering, for his valuable guidance, suggestion and constant encouragement paved way for the successful completion of this project work.

We would like to thank our Project Coordinator **Mr. M. PRASANNA KUMAR**, Teaching Fellow, Department of Computer Science, for his kind support.

We would like to thank and express our deep sense of gratitude to our project guide **Mr. N. KATHIRVEL**, Teaching Fellow, Department of Computer Science, for his valuable guidance throughout the project. We also extend our thanks to all other teaching and non-teaching staff for their encouragement and support.

We thank our beloved parents and friends for their full support in the moral development for this project.