

**INTERDISCIPLINARY PROJECT REPORT**  
**at**  
**Sathyabama Institute of Science and Technology**  
**(Deemed to be University)**

Submitted in partial fulfillment of the requirements for the award of  
Bachelor of Engineering Degree in Computer Science and Engineering

By

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**SCHOOL OF COMPUTING**

**SATHYABAMA**

**INSTITUTE OF SCIENCE AND TECHNOLOGY**  
**(DEEMED TO BE UNIVERSITY)**

**Accredited with Grade "A" by NAAC | 12 B Status**  
**by UGC | Approved by AICTE**  
**JEPPIAR NAGAR, RAJIV GANDHISALAI,**  
**CHENNAI – 600119**

**APRIL 2023**



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## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

### **BONAFIDE CERTIFICATE**

This is to certify that this Project Report is the bonafide work of **Veeramalla Maruthi Manikanta Guptha (40111409)** who carried out the project entitled **"Counting Vehicles in traffic based on Image Processing"** under my supervision from FEB 2023 to APR 2023.

**Internal Guide :**

**Mr. Amandeep Singh K B.E.,M.E.,(Ph.D.)**

**Head of the Department**

**Dr.L.Lakshmanan M.E., Ph.D.,**

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**Submitted for Viva voce Examination held on \_\_\_\_\_**

**Internal Examiner**

**External Examiner**

## **DECLARATION**

I, **VEERAMALLA MARUTHI MANIKANTA GUPTHA** hereby declare that the Project Report entitled “**Counting Vehicles in traffic based on Image Processing**” done by me under the guidance of **Mr.Amandeep Singh K B.E.,M.E.,(Ph.D.)** is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering Degree in Computer Science and Engineering.

**DATE :**

**PLACE: Chennai**

**SIGNATURE OF THE CANDIDATE**

## ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management of SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. T. Sasikala M.E., Ph.D., Dean**, School of Computing **Dr.L.Lakshmanan M.E., Ph.D.**, Head of the Department of Computer Science and Engineering for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my Project Guide **Mr.Amandeep Singh K B.E.,M.E.,(Ph.D.)**for his valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project.

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