

# FACE DETECTION USING AI

## A PROJECT REPORT

SUBMITTED BY

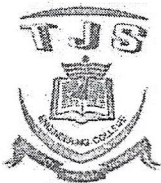
VISHNU PRIYA	112819104064
INDHUJA	112819104015
Ramya	112819104038
Swarna	112819104058

*In partial fulfillment for the  
award of the degree of*

**BACHELOR OF ENGINEERING**

*In*

**COMPUTER SCIENCE AND ENGINEERING**



**T.J.S. ENGINEERING COLLEGE, PERUVOYAL**



**ANNA UNIVERSITY: CHENNAI 600 025**

**PRINCIPAL**

**T.J.S. ENGINEERING COLLEGE**

Peruvoyal, Kavaraipettai,  
Gummidipoondi Taluk,  
Thiruvallur Dist - 601 206.

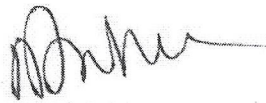
18/06/2022

## BONAFIDE CERTIFICATE


Certificate that this project report "FACE DETECTION USING AI" is the bonafide work of the following students.

<b>Vishnupriya</b>		<b>112819104064</b>	
<b>Indhuja</b>		<b>112819104015</b>	
<b>Ramya</b>		<b>112819104038</b>	
<b>Swarna</b>		<b>112819104058</b>	

Who carried out the project work under my supervision



SIGNATURE



SIGNATURE

Dr.S.Anbu ,M.E.,(Ph.D),

HEAD OF THE DEPARTMENT

Department of Computer Science

and Engineering,

T.J.S. Engineering College,

Peruvoyal.

Mrs.S.V.PRIYANKA.,M.E(CSE).

SUPERVISOR

Department of Computer Science

and Engineering,

T.J.S. Engineering College,

Peruvoyal.

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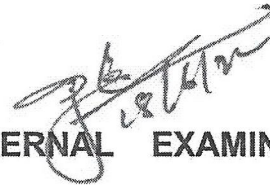
INTERNAL EXAMINER

PRINCIPAL

T.J.S. ENGINEERING COLLEGE

Peruvoyal, Kavaraipeetai,  
Gummidipoondi Taluk,  
Thiruvallur Dist - 601 206.

EXTERNAL EXAMINER



## ABSTRACT

- Computer vision has become a major field of interest in computer science. Object detection is a computer technology related to computer vision and image processing that deals with detecting instances of semantic objects of a certain class (such as humans, buildings, or cars) in digital images and videos. Human face detection is a use case of object detection technology. With the advent of technology, face detection has gained a lot of importance especially in fields like photography, security, and marketing. In this mini project we will be identifying human faces in digital image and in real

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T.J.S. ENGINEERING COLLEGE  
Peruvoyal, Kevaraipeetai,  
Gummidipoondi Taluk,  
Thiruvallur Dist - 601 206.