

**RAIL SWITCH GAP MEASUREMENT BY OBJECT  
DETECTION AND IMAGE PROCESSING**

**A PROJECT WORK REPORT**

Submitted by

**JEEVITHA K**

**20ESR001**

*in partial fulfillment of the requirements*

*for the award of the degree*

*of*

**MASTER OF ENGINEERING**

**IN**

**EMBEDDED SYSTEMS**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**



**KONGU ENGINEERING COLLEGE**  
(Autonomous)

**PERUNDURAI ERODE -638 060**

**MAY 2022**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**KONGU ENGINEERING COLLEGE**

(Autonomous)

**PERUNDURAI ERODE – 638060**


**MAY 2022**

**BONAFIDE CERTIFICATE**

This is to certify that project titled **“RAIL SWITCH GAP MEASUREMENT BY OBJECT DETECTION AND IMAGE PROCESSING”** is the bonafide record of project work done by **JEEVITHA K (20ESR001)** in partial fulfillment of the requirements for the award of the Degree of Master of Engineering in Embedded Systems of Anna University Chennai during the year 2021-2022



**SUPERVISOR**



**HEAD OF THE DEPARTMENT**

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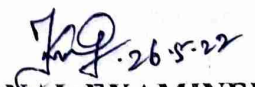
Perundurai-638 060 .

Date: 26.5.2022

Submitted for the end semester viva voce examination held on 26.5.2022



**INTERNAL EXAMINER**



**EXTERNAL EXAMINER**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**KONGU ENGINEERING COLLEGE**

**(Autonomous)**

**PERUNDURAI ERODE – 638060**

**MAY 2022**

**DECLARATION**

I affirm that project titled **“RAIL SWITCH GAP MEASUREMENT USING OBJECT DETECTION AND IMAGE PROCESSING”** being submitted in partial fulfillment of the requirements for the award of Master of Engineering is the original work carried out by me. It has not formed the part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

**Date: 26.5.2022**

(Signature of the candidate)



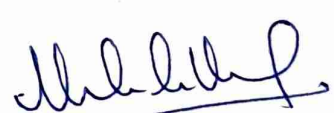
**JEEVITHA K**

**(20ESR001)**

I certify that the declaration made by the above candidate is true to the best of my knowledge.

**Date: 26.5.2022**

**Name and Signature of the Supervisor with seal**



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