## FACE DETECTION FOR STUDENT ATTENDANCE USING DEEP LEARNING

**M Tech Dissertation Part- II External** 

## **MASTERS OF TECHNOLOGY**

in VLSI Design and Embedded System

By

**Milan Shah** 

170305212004

Under the supervision of

Mr.Krishna Limbachiya



April 2019

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING PARUL INSTITUTE OF TECHNOLOGY FACULTY OF ENGINEERING & TECHNOLOGY PARUL UNIVERSITY P.O. Limda – 391 760, GUJARAT, INDIA

## ABSTRACT

This Face detection is the task of identifying an individual student's face and their database recognized deep learning. Face detection is largest technology with attendance of students. The system uses viola Jones algorithm in facial features. The student's features compare to faces between system managers them efficient. The features allow to compare faces between system manager them efficient. Used SVM(support vector machine). The student's faces detection local binary pattern and Recognition and facing detection method codes used sequentially. This project statistical approach using data objects which included method analysis.

Shah Milan Dharmendra Kumar

Internal Faculty Supervisors

Assistant professor Krishna limbachiya

Haresh Suthar Head of Department