

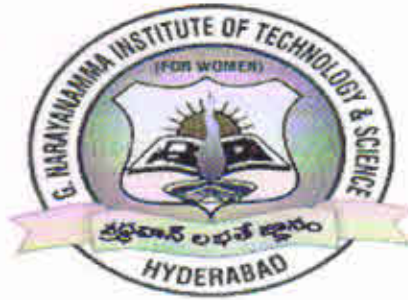
# G. Narayanamma Institute of Technology & Science

(For women)

(Approved by AICTE, Affiliated To JNTUH, Accredited by NBA & NAAC)  
(An ISO 9001:2015 Certified Institution)

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ATTENDANCE MONITORING SYSTEM USING FACE RECOGNITION

BY

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# ABSTRACT

The attendance is taken in every organization. Traditional approach for attendance is, professor calls student name & record attendance. For each lecture this is wastage of time and the current pandemic strongly demand such access for better academical upbringing. To avoid these losses, we are about to use automatic process which is based on image processing. In this project approach, we are using face detection & face recognition system. The working of this project is to detect and recognize the face and mark the attendance for the corresponding face in the database. Input of this project is face detection and recognition and output is to mark the attendance. Our project is being presented as a solution for the Automatic Attendance Marking System. The attendance monitoring system was created and it changed the way attendances were marked. The attendance monitoring system has made the lives of teachers and employers easier. The additional focal points is that it is more dependable and the methodology is eco-accommodating as it diminishes paperwork and saves time.

## SYSTEM REQUIREMENTS:

### Software Requirements:

Platform -Windows 10

Front End Development Tool -Pycharm IDE

Back End -Python

### Hardware Requirements:

Name of the Processor-intel core i5

Hard Disk Capacity -400 GB

RAM Capacity -8 GB