



**Indian Institute of Information Technology
Sonapat**

ATTENDANCE USING AI FACE RECOGNITION

*A project submitted in partial fulfillment of the
requirements for the award of the degree of*

Bachelor of Technology in

COMPUTER SCIENCE AND ENGINEERING

Supervised by:

Dr. Sourabh Jain

Submitted by:

Rohit Raj

Roll No.: 12011035

SELF DECLARATION

I hereby declare that work contained in the project file titled “ATTENDANCE USING AI FACE RECOGNITION” is original. I have followed the standards of research/project ethics to the best of my abilities. I have acknowledged all sources of information which I have used in the project.

Name: Rohit Raj

Roll No.: 12011035

Department of Computer Science and Engineering,

Indian Institute of Information Technology,

Sonepat-131029, Haryana, India.

CERTIFICATE

This is to certify that Mr. Rohit Raj has worked on the project entitled “ATTENDANCE USING AI FACE RECOGNITION” under my supervision and guidance. The contents of the project, being submitted to the Department of Computer Science and Engineering, IIIT Sonipat, for the award of the degree of B.Tech in Computer Science and Engineering, are original and have been carried out by the candidate himself. This project has not been submitted in full or part for the award of any other degree or diploma to this or any other university.

Dr. Sourabh Jain

Supervisor

Department of Computer Science and Engineering,

Indian Institute of Information Technology,

Sonepat-131029, Haryana, India

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Rohit Raj, Abhishek Kumar Shah

12011035, 12011031

ABSTRACT

Name of the student: **Rohit Raj**

Roll No.: **12011035**

Degree for which submitted: **B.Tech (CSE)**

Department of **Computer Science and Engineering, IIIT Sonipat**

Project Title: **ATTENDANCE USING AI FACE RECOGNITION**

Name of the thesis supervisor: **Dr. Sourabh Jain**

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AI face recognition attendance system makes use of facial recognition technology to identify and verify a person and mark attendance automatically.

Fingerprint scanning systems are almost the standard for attendance systems but recent struggle with the pandemic has brought forth the issue with systems that require physical contact. A facial recognition attendance system is a contactless technology that provides freedom from any physical interaction between the man and the machine.

It is much easier to understand how attendance systems with face recognition can make buildings and premises safer and efficient if we know how the technology works