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CERTIFICATE

This is to certify that, project work entitled

"DRESS CODE SURVEILLANCE FOR SCHOOL AND COLLEGES"

is a bonafide record of project work carried out in this college by

MR.	LAKHAPATI SHAILESH MILIND	19UCS305
MR.	MULLA SAHIL BABASAHEB	19UCS308
MR.	PARIT AKASH MAHADEV	19UCS310
MR.	SHIKHARE YOGIRAJ RAJKUMAR	19UCS315
MR.	SHINDE YUGDARSHAN ADARSHA	19UCS316

is in the partial fulfillment of the award of degree Bachelor in Technology in Computer Science & Engineering prescribed by Shivaji University, Kolhapur for the academic year 2021-2022.

MR. V. V. KHERADKAR
(PROJECT GUIDE)

PROF.(DR.) D.V. KODAVADE　　　　　　　　**PROF.(DR.) P.V. KADOLE**
(HOD CSE DEPT.)　　　　　　　　　　　　**(DIRECTOR)**

EXAMINER: _____

DECLARATION

We hereby declare that, the project work report entitled "Dress code surveillance for school and colleges" which is being submitted to D.K.T.E. Society's Textile and Engineering Institute Ichalkaranji, affiliated to Shivaji University, Kolhapur is in partial fulfillment of degree B.TECH.(CSE). It is a bonafide report of the work carried out by us. The material contained in this report has not been submitted to any university or institution for the award of any degree. Further, we declare that we have not violated any of the provisions under copyright and Piracy / Cyber / IPR Act amended from time to time.

MR.	LAKHAPATI SHAILESH	19UCS305
MR.	MULLA SAHIL	19UCS308
MR.	PARIT AKASH	19UCS310
MR.	SHIKHARE YOGIRAJ	19UCS315
MR.	SHINDE YUGDARSHAN	19UCS316

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Thank you,

MR.	LAKHAPATI SHAILESH	19UCS305
MR.	MULLA SAHIL	19UCS308
MR.	PARIT AKASH	19UCS310
MR.	SHIKHARE YOGIRAJ	19UCS315
MR.	SHINDE YUGDARSHAN	19UCS316

<u>ABSTRACT</u>

Nowadays, machine learning has found a wide variety of applications in many fields. Deep learning strategies, especially Convolutional Neural Networks, are widely used in the analysis of visual images. Face recognition, image recognition, object recognition etc., are the major applications of CNN. The main idea of the project is to develop a system for an educational institution or for an organization, where there is a need for surveillance of dress code. Dress code surveillance mainly deals with monitoring the discipline of students or employees individually or in a group studying or working in the institution or in an organization. The idea of the dress code surveillance is to check whether the students/employees wear the proper uniform. The system reduces time consumption and human power. The system majorly focuses on the human objects present in camera and what type of dress are worn by humans. This system will detect persons present in video feed or image along with their gender. According to their gender, the system will check for dress type and classify persons wearing proper dress code.