**TO WHOMSOEVER IT MAY CONCERN**

### This is to certify that the project work and report entitled “**DHRUVIKAAR-Student Verification System”** embodies the original work of **Mr. AITHA SAHITH** from **SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY (Information Technology)** at **LinuxWorld Informatics Pvt Ltd.**

The duration of the project undergone as mentioned above, under the mentorship of Mr. Vimal Daga, Technical Head was from **22/05/2021 to 16/08/2021.**

**Gist About the Project:**

Dhruvikaar-Student Verification System helps the faculty conducting the online classes to avoid the problems from some type of students (boys in general) while conducting the online classes. Our Deep learning model will check whether the student entering the online class is properly dressed or not. If the student is not dressed properly an email notification will be sent to the student which can be included in the code. Further the deep learning model is kept in a docker image along with all the required dependencies preinstalled in it. The docker image is created in such way that the user can directly download the image and run the model in a single go.

**What inspired us to do this Project:** A recent article tell about an incident that took place in our country.

The incident: A student entered an online class without proper dressing and harassed other students of the class.

So , to avoid such kind of problems faced by the people this project is developed.

**Technologies Used:**

1.Machine Learning

2.Deep Learning

3.Docker

4.Computer Vision

**Conclusion:**

Technologies like Machine Learning and Devops are highly efficient and useful. These can be used and implemented in society to solve real life problems. Project Dhruvikaar helps the faculty to achieve peaceful and productive online classes without any external disturbances.

**Future Scope**:

As the whole world is adopting online classes after the pandemic this project can be integrated with the platforms that provide online meeting services as a Security feature (or may be a plugin).