**Group Number: 16**

**Topic:** Artificial Portraits and Image Generator. Deep fake image generation using GAN’s in Python.

**Group Members:-**

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| **Roll Number** | **Name** | **Contribution** |
| CB.SC.P2AIE20308 | N Krishnachaithanya |  |
| CB.SC.P2CSE20310 | Durgaprasad |  |

**Problem Statement:-** To develop a deep learning-based image generation model with attribute control. In this project, we have developed a deepfake image generation model using Python, specifically employing a Generative Adversarial Network (GAN). GANs are a class of deep learning models well-suited for generating high-quality data, making them ideal for tasks like image generation and deepfake creation.

**Technologies Used:-**

Python

TensorFlow

Keras

NumPy

OpenCV

Jupyter Notebook

CelebA Dataset

scikit-learn

**Technologies Details:-** We can make Mobile Application using flutter and firebase.