

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY AND
RESEARCH

DEPARTMENT OF COMPUTER ENGINEERING

ACADEMIC YEAR: 2022-23

SGP Approval Form

Semester	6
Group no.	8
ID no.	20DCE011 20DCE013 20DCE019
Project Statement	Detection Of Rogue Drones on Border
Project Description / Abstract	Problem Statement: Decaying And Rusting Of Border Defense Infrastructure A system, which could detect these rogue drones with their height & distance within the range limit of 1 km and disrupt its mission by jamming. So that the border deployed Jawans could detect these flying objects/ drones easily and track to neutralize/ destroy it by above jamming/ manual firing on that.

Domain	Border Security Force (BSF)
Tools and Technology	Machine Learning, OpenCV, YOLOv5
Approval status /Remarks (only for Staff)	

Lab Faculty Name and Signature: