**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**

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| **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:**