**Course Name: Computer Vision**

**Course Code: 19AI621**

**Course Advisor: Dr. Senthilkumar T**

**Title: Lane Detection for Autonomous Vehicles using Computer Vision Algorithm**

**Submitted By:**

**Abhishek Gopinath [CB.EN.P2AID20002]**

**Alan Henry [CB.EN.P2AID20010]**

**Jiss Joseph Thomas [CB.EN.P2AID20024]**

**Spatial Domain Operations on Case Study Image**

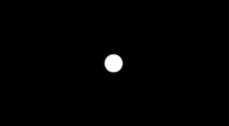
**Original Image:**

****

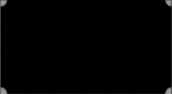
**Image After Applying Noise:**

****

**Low Pass Filter:**

****

**Decentralized Image:**

****

**Processed Image:**

****

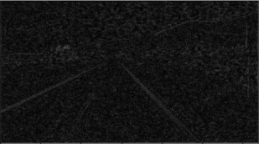
**High Pass Filter:**

****

**Decentralize:**

****

**Processed Image:**

****