

# AUTONOMOUS DRONE FOR INDUSTRIAL PAINTING



**Autonomous  
Paint Spray Drone:  
Developed by  
Mr. Balakannan  
Jayachandran  
and Ms. Krithiga RS**



**Problem:** Traditional painting methods are time-consuming, labor-intensive, and pose safety risks especially in hard-to-reach areas like high-rise buildings and bridges



**Solution:** Founders of Jet Aerospace (an IHFC incubated startup), have developed an Autonomous Paint Spray Drone which offers precise and uniform painting. It navigates surfaces, avoids obstacles, and works without skilled operators. The startup has also signed an MoU with L&T, marking a significant step toward scaling this innovation for large-scale industrial applications



**Impact:** Improves safety, reduces paint waste, and increases efficiency in industrial painting tasks



Larsen & Tourbo



Jet Aerospace -  
Global Drone Hub