**“Three Days Workshop and Hackathon”**

**Jointly organized by**

**SCOPE & Geotech Geospatial PVT LTD**

**Problem Statement:**

**A detailed and updated road network map is essential for easy navigation and for the telecommunication industry to lay optical fibre or telephone lines. However, mapping the road network manually from satellite images is a time and labor-intensive task. Can AI and ML be effectively used to overcome this issue?**

**The road network extraction should be performed for the given four images. Participants have to do the necessary image enhancements (if needed) before implementing the AI/ML based road network extraction algorithm.**