

## DEPARTMENT OF CSE(AI & ML)

### Report

Department of CSE (AI&ML) in association with **AI CLUB CMRTC** organized “**Field Visit to National Remote Sensing Centre: Harnessing Geospatial Technology for Next-Gen Innovation**” on 27th July 2025, Venue - National Remote Sensing Centre, Jeedimetla, NRSC, Hyderabad.

#### 1. Objectives:

- **Showcase Innovation:** Through sessions by **Shri P Hariesh (Remote Sensing & Applications)**, **Shri P Chaitanya Babu (Drone Data Collection)**, **Shri Uzair Mujeeb (Bhoonidhi, Bhuvan & Code Lab)**, and **Shri P Sampath Kumar (AI/ML/DL Applications)**, highlight cutting-edge geospatial technologies and tools.
- **Foster Networking & Collaboration:** Encourage interaction between participants and NRSC experts to explore collaborative research, internships, and project opportunities.
- **Inspire Industry Advancements:** Demonstrate how satellite, drone, and AI-powered solutions can advance industries such as disaster management, agriculture, environmental monitoring, and urban planning.
- **Educate & Engage the Public:** Provide hands-on exposure to national geo-platforms (Bhuvan & Bhoonidhi) and real-world applications of geospatial technology.
- **Highlight Sustainable Innovation:** Emphasize the role of geospatial tools in promoting environmental monitoring, resource optimization, and disaster resilience.

#### 2. Benefits /Outcome of the Program

- **Increased Awareness of Geospatial Technologies:** Participants gained practical knowledge from domain experts on satellite remote sensing, drones, national geospatial portals, and AI/ML applications.
- **Stronger Academic–Industry Linkages:** Established connections between students, faculty, and NRSC professionals for future collaborative work.
- **Skill Development:** Enhanced technical skills in accessing and using geospatial datasets, drone-collected data, and AI-driven analytics.
- **Knowledge Exchange:** Exposure to the latest trends in geospatial innovation, disaster response, and sustainable development practices.
- **Promotion of Sustainable Innovation:** Encouraged use of technology for environmental conservation, resource management, and societal benefit.

3. **Date:** 29-07-2025
4. **Duration:** 6 Hours
5. **Activity Level:** Level 2
6. **Lead Expert's Details:** Name: Shri P Hariesh, MSA, Shri P Chaitanya Babu, ASDMA, Shri Uzair Mujeeb, DPA, Shri P Sampath Kumar, RSA
7. **Lead Expert's Contact number :** NA
8. **Lead Expert's Designation :** MSA, ASDMA, DPA, RSA
9. **Lead Expert's Organization :** NRSC Jeedimetla Outreach campus
10. **Student Participants number:** 30
11. **Faculty Participants number:** 03
12. **Expenditure amount if any:** NA
13. **Photographs:**





Video link url:

[https://drive.google.com/file/d/148lMp00lVo6xxwqvW0NkFYZEXb\\_lTu5/view?usp=sharing](https://drive.google.com/file/d/148lMp00lVo6xxwqvW0NkFYZEXb_lTu5/view?usp=sharing)

14. POSTER:



## CMR TECHNICAL CAMPUS

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Kandlakoya(V), Medchal Road, Hyderabad, Telangana 501401

### DEPARTMENT OF CSE(AI&ML)



## FIELD VISIT TO NATIONAL REMOTE SENSING CENTRE(NRSC)



**JEEDIMETLA  
OUTREACH  
CAMPUS**



**29-07-2025**  
**TIME : 9:00AM-4:00PM**



**SCAN NOW**  
For Registrations

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