



## A. J. INSTITUTE OF ENGINEERING AND TECHNOLOGY

(A Unit of Laxmi Memorial Education Trust®)

Approved by AICTE New Delhi, Affiliated to VTU Belagavi, Recognised by Govt. of Karnataka

NH-66, Kottara Chowki, Mangaluru -575006, D. K. District, Karnataka, INDIA

ACCREDITED BY NAAC & NBA (BE: CV, CSE, ECE, ISE, ME)

Date:6-4-2026

### Report on “Inauguration of IEEE Geoscience and Remote Sensing (GRSS) and Council for Electronic Design Automation (CEDA) Student Branch Chapters, and a workshop on “Advances in Satellite Image Processing and Geospatial Intelligence for Remote Sensing.”

<b>Name of the Program:</b>	Inauguration of IEEE GRSS and CEDA Student Branch Chapters, and a workshop on “Advances in Satellite Image Processing and Geospatial Intelligence for Remote Sensing.		<b>Program Dates &amp; Timings:</b>		27-3-2026 10.00 am to 2.00 pm	
<b>Name &amp; Details of the Resource Person:</b>	Dr. Shyam Lal, Associate Dean, NITK Surathkal. Er. Dilip Kumar Dalei, Scientist, DRDO					
<b>Organized by</b>	IEEE AJIET Student Branch		<b>In Association with (clubs/Dept.)</b>		Dept of ECE	
<b>Number of Participants</b>	Students	140	Faculty	15	External participants	Nil
<b>Program Outcome (PO) Mapping</b>	PO1, PO2, PO6, PO7					
<b>Coordinators</b>	Dr Jennifer C Saldanha					
<b>Expenditure</b>	4,500		<b>Social Media Link</b>	<a href="https://www.linkedin.com/posts/ece-ajiet-796693257_ieee-ajiet-ece-ugcPost-7444954929217253376-_Km8?utm_source=social_share_send&amp;utm_medium=android_app&amp;rcm=ACoAAD9Ia aIBQ5pzquCzn1jrfNny25GdZOt9KX8&amp;utm_campaign=copy_link">https://www.linkedin.com/posts/ece-ajiet-796693257_ieee-ajiet-ece-ugcPost-7444954929217253376-_Km8?utm_source=social_share_send&amp;utm_medium=android_app&amp;rcm=ACoAAD9Ia aIBQ5pzquCzn1jrfNny25GdZOt9KX8&amp;utm_campaign=copy_link</a>		

#### About the Program:

The IEEE AJIET Student Branch, in association with the Department of ECE, inaugurated the Geoscience and Remote Sensing (GRSS) and Council for Electronic Design Automation (CEDA) Student Branch Chapters, followed by a workshop on “Advances in Satellite Image Processing and Geospatial Intelligence for Remote Sensing.”



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The event was graced by Chief Guest Er. Dilip Kumar Dalei, Scientist, DRDO; Chair, IEEE GRSS Bangalore Society and Guest of Honour Dr. Shyam Lal, Associate Dean, NITK Surathkal. The programme began with an invocation and lighting of the lamp, followed by a welcome address by Dr. Kiran Kumar V G, HoD, ECE. The guests were introduced by Mr. Manjukiran B, Branch Counsellor, IEEE AJIET Student Branch. After this, the Chief Guest Er. Dilip Kumar Dalei delivered an address highlighting the significance of remote sensing and geospatial technologies. Dr. Shantharama Rai C, Principal, also addressed the gathering, highlighting the various IEEE initiatives at AJIET and emphasizing their pivotal role in nurturing and shaping the intellectual and professional growth of young minds. The dignitaries were felicitated, and the session concluded with a vote of thanks by Dr. Jennifer C. Saldanha, Faculty Advisor, IEEE AJIET GRSS Student Branch Chapter.

The inaugural ceremony was followed by insightful technical sessions delivered by Dr. Shyam Lal and Er. Dilip Kumar Dalei, focusing on the applications of AI and ML in satellite image processing, as well as the concepts and challenges associated with geospatial embeddings. The event saw enthusiastic participation from students and faculty, promoting awareness of research and technical engagement.

## Objectives:

- To provide participants with a comprehensive understanding of satellite image processing techniques and their real-world applications.
- To introduce the concepts of geospatial intelligence and its role in remote sensing and decision-making.
- To familiarize participants with advanced tools and algorithms used in processing and analyzing satellite imagery.
- To explore recent developments in AI and machine learning applications in remote sensing.

**Outcomes:** On successful completion of the workshop the student should able to:

- Identify various AI/ML techniques in satellite image analysis.
- Gain awareness of current trends, challenges, and future research directions in remote sensing.

## Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	1	1										
2						1	1					
<b>Average</b>	1	1				1	1					

**Photos:**



Fig. 1 Dignitaries lighting the lamp



Fig. 2 Dignitaries on the stage



Fig. 3 Resource Person Dr Shyam Lal  
Keynote address



Fig. 4 Resource Person Er. Dilip Dalei delivering  
Keynote address



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Fig. 5 Group Photo

*Janus*  
 Dr Jenner

Event Coordinator

*[Signature]*  
 HOD - Electronics & Commn. Engineering  
 A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY  
 Mangaluru - 575006, D.K. Karnataka

*[Signature]*

Dean Academics

*[Signature]*  
 Principal

For information: Vice President, LMET  
 Copy To: IQAC - AJIET