

# REPORT ON GIS DAY 2025

## GEOVISION 2025: WHERE SPATIAL MEETS EVERYTHING

The Division of Geoinformatics, School of Life Sciences, JSS Academy of Higher Education & Research, Mysuru, formally organized **International GIS Day 2025** on **25 November 2025** at the GIS Laboratory, JSSDC (2nd Floor), from **10:00 AM to 05:00 PM**. The event was conceptualized to transcend traditional awareness-based celebrations and function as a professional forum for demonstrating advanced geospatial applications, technological innovations, and the expanding relevance of GIS in multidisciplinary environments.

### Purpose and Academic Focus

Instituted globally in 1999, GIS Day serves as an annual platform to highlight how Geographic Information System (GIS) technologies address complex societal and environmental challenges. The 2025 observance at JSS AHER was designed to align with this vision through the following objectives:

#### 1. Highlighting Technological Integration

The theme “**GeoVision 2025: Where Spatial Meets Everything**” emphasized the evolution of GIS from a specialized analytical tool to an essential cross-disciplinary platform integrated with Artificial Intelligence (AI), machine learning, data analytics, and decision-support systems.

#### 2. Strengthening the Future Skill Pipeline

The event incorporated hands-on, problem-solving activities to promote applied geospatial thinking among students. This approach supports the cultivation of future GIS professionals equipped with relevant technical competencies and analytical capabilities.

#### 3. Demonstrating Real-World Relevance

The focus of the event was shifted from basic spatial representation to application-oriented geospatial problem-solving, demonstrating how GIS contributes significantly across sectors such as urban planning, environment, public health, agriculture, and disaster management.

### Event Structure and Participation

A structured set of activities was organized to ensure active academic engagement and technical involvement. Students from across the School of Life Sciences participated. A Google registration form was circulated, receiving **36 formal registrations**, and overall **nearly 100 students** took part in the day's activities. The following events were conducted:

### **1. Poster Making – *Map Art Manifesto* (10:00 AM)**

A creative yet technically grounded activity in which participants prepared poster presentations depicting real-world geospatial applications, thematic maps, and innovative representations of spatial concepts. This activity simulated a professional map gallery environment.

### **2. Geospatial Quiz – *GIS Knowledge Challenge* (11:00 AM)**

A subject-based quiz designed to evaluate students' understanding of GIS principles, remote sensing fundamentals, cartography, and geographic concepts. Teams consisting of two participants competed, promoting collaborative problem-solving and technical recall.

### **3. Treasure Hunt – *Geocache Exploration* (02:00 PM)**

An outdoor, gamified activity applying core GIS concepts related to location, navigation, orientation, and spatial reasoning. Teams used mapping logic to identify and locate hidden markers, demonstrating practical use of spatial information in a dynamic setting.

### **4. Face Painting – *GeoPaint Expression* (04:00 PM)**

An artistic segment aimed at fostering creativity and community engagement. Two-member teams (one painter and one model) visualized geographic themes, natural features, and spatial symbolism through face art representing geospatial ideas.

In every event we have selected 3 winners and the winner list is as follows:

<b>Event</b>	<b>Name of the winner</b>	<b>Position and cash prize</b>
Map Art Manifesto	Spoorthi Sandeep Goankar Ashwini K	1 <sup>st</sup> place - 1000 2 <sup>nd</sup> place – 700
Geospatial Quiz	Iqra shaikh and Anjana Sinha Pooja Shree M and Janani K Deepbhiyani Lama and Tiya Tomson	1 <sup>st</sup> place - 1400 2 <sup>nd</sup> place - 1000 3 <sup>rd</sup> place – 500
Geocache Hunt	Manshi Mahnot and team Sreejitha Bhattacharya and team Nischitha Pandre R P and team	1 <sup>st</sup> place – 2800 2 <sup>nd</sup> place - 1500 3 <sup>rd</sup> place - 1000
Geopaint	Rakshananda and team Ashwini and team Thrupthi and team	1 <sup>st</sup> place - 1000 2 <sup>nd</sup> place – 700 3 <sup>rd</sup> place - 500

All participants received e-certificates, acknowledging their engagement in a professionally focused event designed to elevate the status and recognition of the GIS discipline.

### **Detailing about the activities:**

#### **1) Map Art Competition (Poster Making)**

The Division of Geoinformatics successfully conducted the **Map Art Competition (Poster Making)** as part of the GIS Day 2025 celebrations on **25 November 2025**. The event was held from **10:00 AM to 11:00 AM** in the GIS Laboratory located in the Dental Hospital building. This competition was organized as an **individual event** to encourage personal creativity and thematic interpretation.

A total of **two students registered** for the competition. Participants were allotted **one hour** to complete their posters. The topic, “**Innovating Our Footprint: Local Actions to Global Impact,**” was provided on the spot. Instructions were clearly communicated prior to the start of the activity. Participants were required to incorporate relevant geographic facts, spatial concepts, and visual elements reflecting the theme.

#### **Winners**

##### **First Place:**

• **Spoorti Sandeep Gaonkar**

**Award:** Certificate + ₹1400 Cash Prize

##### **Second Place:**

• **Ashwini K**

**Award:** Certificate + ₹1000 Cash Prize

The competition was conducted smoothly, and the posters produced demonstrated commendable creativity, originality, and an understanding of how GIS-based thinking can be applied to address real-world environmental and societal challenges. The event effectively promoted innovation, thematic awareness, and curiosity among students toward geospatial technologies.





## 2) Geospatial Quiz – GIS Day 2025

The **Geospatial Quiz Competition** was conducted on **25 November 2025 at 11:00 AM** in the GIS Laboratory located in the Dental Building as part of the GIS Day celebrations organized by the Division of Geoinformatics, School of Life Sciences, JSS AHER, Mysuru. Widely regarded as one of the most engaging events of GIS Day each year, the quiz generated strong interest and participation from students across multiple departments.

This year, **10 teams** registered for the competition, each consisting of **two members**. On the day of the event, **7 teams participated**, while **3 registered teams were absent** and thereby forfeited their participation.

### List of Participating Teams

- **Deepbhiyani Lama & Tiya Timsom**
- **Manaal Jidda & Aanam Syed**
- **Niranjana Srikantha Shastri & Anamika Saikia**
- **Poojashree M & Janani K**
- **Noel Thomson A T & Syeda Tasneem Zainab**
- **Iqra Shaikh & Anjana Sinha**
- **Noel Thomson A T & Syed Tasneem Zainab** (*duplicate registration in Google Form*)

A significant feature of this year's competition was the **broad academic diversity** among participants. Students from **Psychology, Biotechnology, Cognitive Neuroscience, Nutrition, Statistics, and Data Analytics** actively took part, demonstrating the expanding interdisciplinary relevance of geospatial technologies in both scientific and applied domains.

### Competition Format

The quiz comprised multiple rounds, covering:

- Fundamental GIS concepts
- Spatial analysis and cartographic reasoning
- Remote sensing and real-world geospatial applications
- Logical reasoning and analytical skills
- Current developments in geospatial sciences

Throughout the competition, participating teams displayed strong enthusiasm, teamwork, and problem-solving capability. The event was coordinated smoothly with support from faculty members and student volunteers who managed scoring, round progression, and timekeeping.

## Winners

- **1st Place:** *Iqra Shaikh & Anjana Sinha*
- **2nd Place:** *Poojashree M & Janani K*
- **3rd Place:** *Deepbhiyani Lama & Tiya Timsom*

The winners were acknowledged for their exemplary performance, and all participants were appreciated for their active involvement and spirited participation.



## 3) Geocache Hunt (Treasure Hunt)

### Participation and Preliminary Round

A total of **14 teams** registered for the competition. For the preliminary screening, each team was provided with a **3D World Map Puzzle**, which served as the first test of spatial reasoning and

geographic familiarity. The **first six teams** to complete the puzzle accurately advanced to the **Final Geo-Exploration Round**.

### **Final Exploration Round: “The Lost Map of the Geographers”**

The final round was designed around the storyline “**The Lost Map of the Geographers,**” where the shortlisted teams assumed the role of GIS explorers. Participants were required to navigate the campus using spatial clues, coordinates, symbols, and location-based hints strategically placed at various checkpoints.

Key clue locations included:

- Dental Building Entrance
- Canteen Cycle Stand
- Co-operative Society
- Medical Building Fountain
- SBI Bank
- Triway Front Gate
- Coffee Shop
- Front Water Tank
- Additional mapped points across campus

Teams progressed through these checkpoints by applying GIS concepts such as map interpretation, coordinate decoding, orientation, and spatial decision-making. The team that located the final treasure first was declared the winner.

## **Winners**

### **First Place**

- Manshi Mahnot
- Tanushri S
- Mandara Bhagavath
- Sindhu K N

**Award:** Certificate + ₹2800 Cash Prize

### **Second Place**

- Sreejita Bhattacharya
- Anamika Saikia
- Thanushree S
- Ambika Kumari

**Award:** Certificate + ₹1500 Cash Prize

### **Third Place**

- Nischitha Pandre R P
- Vaidehi Vikram
- B S Madhura

• Manya V

**Award:** Certificate + ₹1000 Cash Prize

## 4) GeoPaint (Face Painting)

### Theme and Concept

GeoPaint served as one of the key creative events of GIS Day, designed to integrate artistic expression with geospatial imagination. The themes for the competition were:

1. **Digital Mapping** – representing how digital mapping transforms data into meaningful stories, blending technology, creativity, and cartographic expression.
2. **Map My Face** – an artistic interpretation that merges facial expressions with geospatial symbolism, turning human features into imaginative map-like visuals.

These themes encouraged participants to view mapping beyond traditional boundaries by exploring identity, creativity, and spatial thinking through art.

### Participation

The competition required teams of **two members**. This year, **four teams** registered for the event. The participating teams were:

- Keerthana and team
- Rakshananda and team
- Ashwini and team
- Thrupthi and team

Participants showcased their artistic talent and geospatial understanding through visually compelling face art aligned with the given themes.

### Judging Panel

The competition was evaluated by the following faculty members:

- **Dr. Sushant Sawant Anil**, Division of Geoinformatics
- **Mr. Mahesh D. B.**, Division of Geoinformatics
- **Dr. Shanmukhappa**, Department of Medical Physics

Their assessments were based on creativity, thematic relevance, execution, and the incorporation of geospatial concepts.

### Winners

Based on the evaluation, the top three teams were declared winners:



- **First Place:** Rakshananda and team
- **Second Place:** Ashwini K and team
- **Third Place:** Thrupthi and team

