

**A.Y. 2024-25**

**LIST OF ACTIVITIES**

<b>S.No</b>	<b>Professional Chapter</b>	<b>Type of Event</b>	<b>Date</b>	<b>Event Name</b>	<b>Participants</b>	<b>International/National/State</b>	<b>Guest Speaker details (if available)</b>
1	ACCE (I)	Training Program	24.02.25 – 01.03.25	1 Week training program on “ <b>Advanced Surveying</b> ”	10 Non – Teaching Staff	State	---
2	ACCE (I)	Internship	22.01.25 – 07.04.25	12 Weeks <b>GIS Internship/ Training Program</b>	67 UG Students	State	<ul style="list-style-type: none"><li>• Dr.V.S.S. Kiran (CEO)</li><li>• Jayantha Poddar (CTO)</li><li>• Jay Prajapathi</li><li>• A.Rajesh Kumar</li><li>• Ritam Chakraborty, Garudalytics</li></ul>

A Report on  
One-Week Training Program on  
**“Advanced Surveying”**  
Organized by ACCE VRSEC Chapter

**Date:** 24.02.2025 – 01.03.2025

**Resource Persons:** M. Tej Sai, Asst. Professor, Dept. of CE, VRSSE, SAHE (Liscenced Drone Pilot)

**Audience:** 10 Non – Teaching Staff

**Description:** The training program is designed to build on foundational knowledge in surveying and equip participants with advanced technical skills, modern tools, and professional competencies.

The following are the topics discussed in the one-week training program:

Schedule	Module	Topics
Day 1	General	Survey basics, land records, revenue portals
Day 2	Total Station Survey	Total Station basics, Data collection, Cad drawing
Day3	Total Station Survey	Setting out and checks
Day 4	DGPS Survey	DGPS basics, Data Collection, Cad drawing
Day 5	DGPS Survey	Setting out and Checks
Day 6	Drone Survey	Drone survey basics, demonstration

**Timings:** 10.00 am to 01:00pm (FN) and 02:00 pm to 05:00 pm (AN)

The program was scheduled in 2 session daily. In the morning session, presentation, discussion, demonstration were done. Whereas in the afternoon session participants carried out various experiments under this hands on training program.

**Outcome:** The training program enhances the participants' technical proficiency. It fosters the application of Advanced Surveying Methods. This curriculum educated them on how to prepare for certification or licensing examinations. This program promotes ongoing learning and research.



Siddhartha Academy of Higher Education  
(A deemed to be University)  
Under the Section 3, Ugc Act. 1956



Association of Consulting Civil Engineers  
(India) VRSEC student chapter

is organising one week training program on

## 'Advanced Surveying'

### Topics:

#### Day 1: General

Survey basics, land records, revenue portals

#### Day 2: Total Station Survey

Total Station basics, Data collection, Cad drawing

#### Day 3: Total Station Survey

Setting out and checks

#### Day 4: Dgps Survey

Dgps basics, Data collection, Cad drawing

#### Day 5: Dgps Survey

Setting out and checks

#### Day 6: Drone Survey

Drone survey basics, demonstration

Two persons per batch

Hands on training

Evaluation

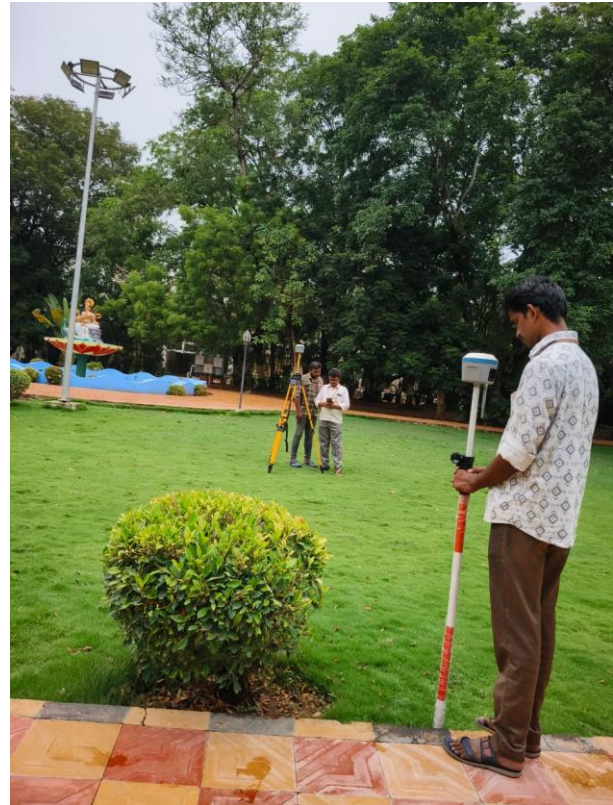
FEB 24 TO  
MAR 1ST  
2025

Venue: Survey Lab, Civil Dept.

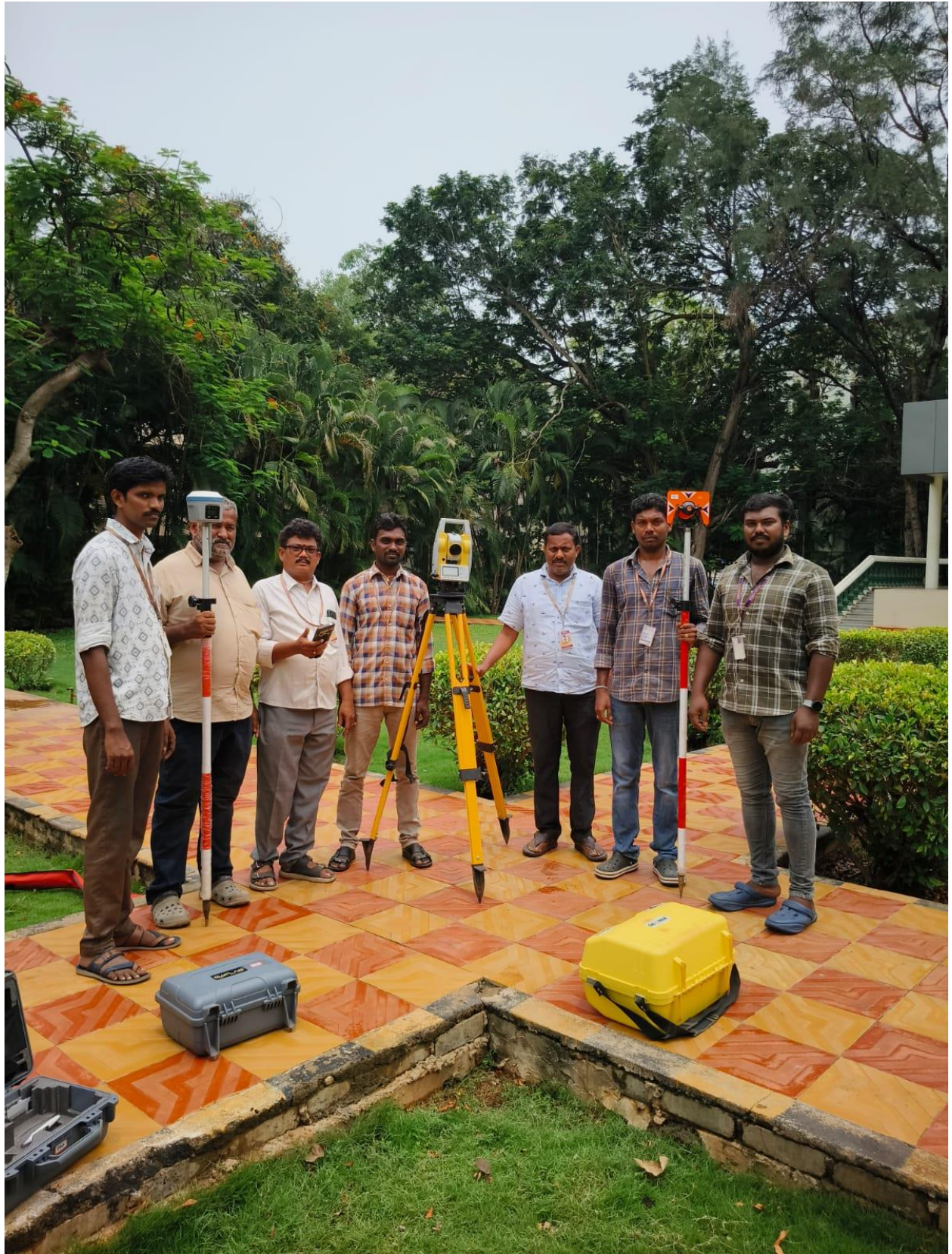
Timings: 10:00 am - 1:00 pm

2:00 pm - 5:00 pm

For all Civil Engineering Technicians.







A Report on  
Twelve Week  
**“GIS Internship/Training Program”**  
Organized by ACCE VRSEC Chapter

**Date:** 22.01.2025 – 07.04.2025

**Resource Persons:** Dr.V.S.S. Kiran (CEO), Jayantha Poddar (CTO), Jay Prajapathi, A.Rajesh Kumar, Ritam Chakraborty, Garudalytics

**Audience:** 67 UG Students

**Description:** GIS training program equips students with the knowledge and skills to collect, analyze, and interpret spatial data effectively. It is used in urban planning, environmental management, disaster response, or business logistics. GIS training program is useful not only for professional development but also for enhancing organizational efficiency and informed decision-making.

**Program Mode:** Online

**Timings:** 01.00 pm am to 05:00pm

- The training program is scheduled in the afternoon session for UG final year students. In the first week the resource persons gave lectures on GIS basics and software basics.
- From the second week to eight week, students were hands-on trained in Arc-GIS Software by considering a live project.
- In the final four weeks, students were divided into batches and group assignments were issued.
- In the final week, reviews were conducted and students performance was evaluated. Certificates were issued based on the performance of the students.

**Outcome:** The training program aids students in comprehending GIS concepts and terminology. It enhances students' proficiency in GIS software tools. The curriculum enhanced their proficiency in collecting and analyzing spatial data, as well as their problem-solving and decision-making abilities, and project design and management skills. The program enhanced communication and visualization skills. The training is beneficial for career advancement and employability.



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# CERTIFICATE OF COMPLETION

IS PRESENTED TO

*Gurram Pranuthi*

..... Roll No.218W1A0118, B. Tech. (Civil Engg.), VRSEC .....

for successfully completing the twelve-week GIS Training/Internship Program held from January 22, 2025, to April 7, 2025. This program, centered on Geospatial Technology and its workflows, was jointly organized by Garudalytics Private Limited, Hyderabad, and the Department of Civil Engineering at V.R. Siddhartha School of Engineering, Siddhartha Academy of Higher Education, Vijayawada.

Mr. Jayanta Poddar  
MD/CTO of Garudalytics



Dr. V. Mallikarjuna  
Head of the Department  
Department of Civil Engineering, VRSEC