

A.Y. 2021-22
LIST OF ACTIVITIES

S.No	Professional Chapter	Type of Event	Date	Event Name	Participants	International/ National/ State	Guest Speaker details (if available)
1	Association of Consulting Civil Engineers India (ACCE)	Field Visit	01-09-21	Industrial visit to "Mobile Cement Testing facility"	100	State	Sri. Mohan, QC Engineer, Chettinad Cement Corporation Private Ltd.
2	Association of Consulting Civil Engineers India (ACCE)	Training Program	02-05-22 to 07-05-22	One week faculty training program on "Drone survey, mapping & Image processing"	21	State	Sri. K.Ramesh, Sri. V. Gopi Kishore, Sri. R.Prasanth, Lawrence & Mayo India Pvt. Ltd.
3	Association of Consulting Civil Engineers India (ACCE)	Webinar	22-06-22	Webinar on "Latest Trends in Geospatial Technology"	100	State	Sri. Jayanta Poddar, CTO & Co-Founder, Garudalytics Pvt. Ltd.

A Report on
Industrial visit to “**Mobile Cement Testing facility**”
Organized by ACCE VR Siddhartha Student Chapter
In association with
Chettinad Cement Corporation Private Ltd.

Date: 01-09-2021, 9.00 am – 1.00 pm

Speakers:

Sri. Mohan, QC Engineer, Chettinad Cement Corporation Private Ltd.

Audience:

100+ members –UG & PG Students and all Faculty Members

Description:

9:00 am : The mobile cement testing bus

9:15 am : The faculty members were allowed to visit the mobile cement testing bus batch wise. Firstly the faculty was seated in a cabin where a video demonstration of Chettinad cement corporation private limited was given. Later, they were moved to the second cabin where the laboratory equipments were setup. The cement testing was done by the QC engineer.

9:45 am : Students were allowed to visit the mobile cement testing bus batch wise.

12:50 pm : The demonstration of testing was completed.

12:55 pm : HOD & ACCE faculty coordinator thanked the QC engineer for his patience in demonstrating the experiments for our faculty and students.

1:00 pm : The industrial visit is completed.

Outcome:

Students had first time experienced the testing equipment setup in a mobile cement testing bus. Students gained knowledge regarding various tests which can be performed at the field in mobile testing setup.



Velagapudi Ramakrishna
Siddhartha Engineering College

Association of Consulting Civil Engineers
(India) VRSEC student chapter



in association with

Chettinad Cement Corporation Pvt. Ltd.



is organising an industrial visit to

“Mobile Cement Testing Facility”

Date: 01-09-2021, 9:00 am-1:00 pm

All the students and faculty are invited to visit the mobile
cement testing facility.





A Report on
One week faculty training program on
“Drone survey, mapping & Image processing”
Organized by ACCE VRSEC Student Chapter

Date: 02-05-2022 to 07-05-2022

Resource Persons: K.Ramesh, V. Gopi Kishore, R.Prasanth, Lawrence & Mayo India Pvt. Ltd.

Audience: 16 Faculty Members + 5 Non-Teaching Staff

Description: The main objective of the training program is to enhance the technical knowledge and practical skills of the faculty and non teaching staff in latest trends in civil engineering domain. Currently, drone surveying is the trending technology being adopted in the industry. The program was well planned such that everyone can easily understand the concept. The schedule of the training program is as follows:

Date	Resource Person	Session – 1 (10AM to 1PM)	Session-2 (2PM – 5PM)
02-05-2022	Sri. K.Ramesh	Presentation on Introduction to Drone surveying	Presentation on procedure to fly a Drone
04-05-2022	Sri. V.Gopi Kishore	Demonstration of drone flying	Hands on training of drone flying (Teaching Staff)
05-05-2022	Sri. V.Gopi Kishore	Hands on training of drone flying (Teaching Staff)	Hands on training of drone flying (Non-Teaching Staff)
06-05-2022	Sri. R.Prasanth	Post Processing of Drone images (Geo-tagging, aligning & stitching)	Post Processing of Drone images (Creation of dense cloud, mesh, DEM, Orthomosaic)
07-05-2022	Sri. R.Prasanth	Post Processing of Drone images (Creating contours, polygons, finding areas, volumes, cross sections)	Post Processing of Drone images (Transferring the data to AutoCAD, ArcGIS)

Outcome: The faculty and technicians had gained knowledge and hands on experience in performing drone survey. This program helped the participants to enhance their skills by operating latest equipments and learning new softwares irrespective of their specialization.



**Velagapudi Ramakrishna
Siddhartha Engineering College**

Association of Consulting Civil Engineers
(India) VRSEC student chapter



is organising a one week faculty training program on

“Drone Survey, Mapping & Image processing”




Resource Persons:

1. Sri. K.Ramesh
2. Sri. V.Gopi Kishore
3. Sri. R.Prasanth

Lawrence & Mayo India Pvt Ltd


Lawrence & Mayo

Date: 02-05-2022 to 07-05-2022
Venue: Computer Lab 2, Dept. Of Civil Engineering
All the faculty are invited

BROCHURE



Presentation on Introduction to Drone surveying by Sri.K.Ramesh



DEMONSTRATION OF DRONE SURVEY



DRONE IMAGE DURING TAKE OFF



POST PROCESSING IMAGES USING AGISOFT SOFTWARE



ORTHOMOSAIC IMAGE OBTAINED FROM DRONE SURVEY

A Report on
Webinar on
“Latest Trends in Geospatial Technology”
Organized by ACCE VRSEC Student Chapter
In association with
Garudalytics Pvt. Ltd.

Date: 22-06-2022 (11:30 am to 1:00 pm)

Resource Persons: Sri. Jayanta Poddar, CTO & Co-Founder, Garudalytics Pvt. Ltd.

Audience: 43 UG & PG Students + 2 Faculty

Description: The main objective of the webinar is to educate the students regarding the GIS, its Components and geospatial technology. The resource person is highly qualified geospatial entrepreneur. He had 10 years of experience in the industry and worked in various remote sensing organizations. The topics covered in the webinar are as follows:

- About Garudalytics
- Geospatial Technology - An Overview
- 3D GIS
- BIM-GIS Integration
- Drone Image Processing
- Real-time GIS
- GeoAI
- Dashboards and Story maps

Outcome: The students had gained knowledge on GIS and Geospatial technologies. They also got awareness regarding the various components of GIS and the job opportunities in the Industry.

BROCHURE



Velagapudi Ramakrishna Siddhartha Engineering College
Association of Consulting Civil Engineers
(India) VRSEC student chapter
In association with
Garudalytics Private Limited
is organising a webinar on
“Latest Trends in Geospatial Technology”



Resource Person:
Sri. Jayanta Poddar
CTO & Co-Founder,
Garudalytics Private Limited



Topics to be covered:

0. About Garudalytics
1. Geospatial Technology - An Overview
2. 3D GIS
3. BIM-GIS Integration
4. Drone Image Processing
5. Real-time GIS
6. GeoAI
7. Dashboards and Storymaps

Join using the link:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_yzi1nddjnjitmgfjny00ztc4lwe0otmtmzlm0dbjytuwzjjh%40thread.v2/0?context=%7B%22id%22%3A%226D33FBDD-F005-45F1-9BDA-0D25D539544F%22%2C%22oid%22%3A%2238E03021-34A7-450E-8C2A-8DFC11CBB264%22%7D

Date: 22.06.22 from 11:30am to 1:00pm
CE, CSE, ECE & IT students are invited. Free Registration.



SCREENSHOTS OF WEBINAR


About Us

Garudalytics is envisioned to be one of the leading organizations in the Geospatial domain. We are specialized in deriving insights from location data to solve spatial problems using location intelligence.

We provide exclusive solutions to clients through industry-proven science and digital technologies like geospatial science, artificial intelligence, IoT, and blockchain.

Garudalytics has a team of GIS professionals and data scientists with over 23 years of combined experience. We are passionate, enthusiastic and dedicated individuals, committed to solving your GIS problems.

Headquartered in Hyderabad, India.



ArcGIS Desktop (Cart View) | Esri | Esri | Esri

33:05

Jayanta Poddar

+41 VK TV MK JP DM

198 1C6 Sai Vys... | Manasa Koduganti (... | Jayanta Poddar | Dr. V. Mallikarjuna (G...

People

Share invite

Presenters (4)

- AS Tej Sai, Asst. Professor, CE, V...
- DM Dr. V. Mallikarjuna (Guest)
- JP **Jayanta Poddar** Organizer
- MK Manasa Koduganti (Guest)

Attendees (43)

- 1K 198 102 Sada siva kum...
- 1C 198 180 Harshith chow...
- 1V 198 1C6 Sai Vyshnavi (...)
- 1K 198 1G8 V Kishore (Gu...

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Headquartered in Hyderabad, India.

Garudalytics
That Location

ArcGIS Desktop Certified
Esri Authorized Reseller

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Accreditation

Certifications

STARTUP TELANGANA
ISO 9001:2015 CERTIFIED
ISO 27001
UASL
MSME
Startup India

Associations

here Microsoft Redington

Garudalytics
That Location

34:10

Jayanta Poddar

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- 1V 198 1H0 Y M Srikanth (...)