

Activity Report

One Day Online Workshop (12th August 2021)

On

'Introduction to Geoinformatics with Digitization of Maps'

In Association with



Organized by,

**Civil Engineering Students Association (CESA)
Department of Civil Engineering**



**SVKM's Institute of Technology, Dhule
(Maharashtra State)**



Activity Report

Aim: To guide the newly passed Diploma Students for the emerging trends and the surface mapping techniques with help of QGIS.

Objective: To inculcate students with advanced tools for preparation and digitization of Maps.

Name of Program: Introduction to Geoinformatics with Digitization of Maps.

Date: 12th August 2021

Convener: Dr. Shrikant Randhavane

Programme Coordinators: Prof. Darshankumar Patel, Prof. Basweshwar Jirwankar

Learning Material: IIRS, Bhuwan based presentations and links.

Participants: Newly passed last year Diploma Civil Students and UG Students from various regions.

Outcomes: Participants learned

- 1) Introduction to Geoinformatics
- 2) Remote Sensing and Processes
- 3) Mapping basics.
- 4) Concept of Mapping- Base map, Cadastral map etc.
- 5) Scanning and Digitization with Georeferencing.
- 6) Applications of Geoinformatics

The pandemic COVID-19 has necessitated drastic measures like social distancing, staying indoors to be taken to fight against it. Needless to say, these are challenging times that we are living in. This situation has demanded highly skilled technical persons who cannot stopped by the constraint of online methods. Thus, to develop the skills of student for different software required in civil engineering. Our department has initiated the online training program series for UG and diploma students especially. This series will basically focus on software training. Second event under this series, one-day online workshop 'Introduction to Geoinformatics with Digitization of Maps' was organized on 12th August 2021. Total 102 participants from all over Maharashtra has participated in this event.

A detailed session on Introduction to Geoinformatics, Remote Sensing and Processes, Mapping basics, Concept of Mapping- Base map, Cadastral map, Scanning and Digitization with Georeferencing and Applications of Geoinformatics were covered in the workshop. This workshop was mainly aimed at the Diploma and UG students, so that they will get an overview of how to prepare base map for any study area with help of QGIS and Google Earth software which will be helpful for their project work and in future career as well. The inauguration was carried out online MS Teams platform by Dr. Shrikant Randhavane, Head of Civil Engineering Department. Prof. Darshankumar Patel and Prof. Basweshwar Jirwankar has executed the whole workshop as resource persons. Prof. Basweshwar Jirwankar has acted as host for the event and he also delivered the vote of thanks at the end of the workshop.



Schedule

| Time | Description of Activity | |
|----------------------|---|--|
| 10:30 am to 10:40 am | Introduction | |
| 10:40 am to 11:50 am | Session 1: Introduction to Geoinformatics <ul style="list-style-type: none"> • Branches, • Remote Sensing and Processes • Limitations and Requirements • Mapping basics. | Introduction to GIS <ul style="list-style-type: none"> • GIS Technologies, • Examples • Data Models • Applications |
| 11:50 am to 01:00 pm | Lunch Break | |
| 01:00 pm to 02:30 pm | Session 2: Concept of Mapping <ul style="list-style-type: none"> • Base map • Cadastral map, • Geospatial Technologies for Mapping • Methodologies and creation | Digitization <ul style="list-style-type: none"> • Use of tools • Scanning and Digitization • Georeferencing • Computing and Mapping • Use of GIS based tools |
| 02:30 pm to 02:40 pm | Short Break | |
| 02:40 pm to 03:30 pm | Session 3: Applications of Geoinformatics <ul style="list-style-type: none"> • Map updating • Mobile mapping • Crowd surfacing • Urban mapping | |
| 03:30 pm to 03:40 pm | Discussion and question answer session | |
| 03:40 pm to 04:00 pm | Feedback | |
| 04.00 pm onwards | Distribution of Certificates [Online Mode] | |

Conduction of event:


Registration Link and Event Flyer were sent to the participants through the Telegram Group.

The exchange of information regarding event made available through “Microsoft Teams” due to participant limit exceeds more than 100 for event. Certificates have distributed through email based upon attendance and final feedback submission.

Session Joining Link-

 <https://tinyurl.com/hyxd7t8m>

For more updates-

 <https://www.linkedin.com/in/civil-department-svkm-s-iot-782129219>

 <https://t.me/joinchat/rKwC1moUBfo3ZWVl>



Event Flyer



Shri Vile Parle Kelavani Mandal's
INSTITUTE OF TECHNOLOGY
Department of Civil Engineering

"Online Training Program Series"

**"Introduction to Geoinformatics with
Digitization of Maps"**

**E-Certificates for
all participants.
REGISTER ONLINE**

REGISTRATION LINK :

<https://forms.gle/bBWhtsyBy62EsVH>



Join Us:

<https://t.me/joinchat/rKwClmoUBfo3>

FREE REGISTRATION

FOR MORE INFORMATION CONTACT:

7588382746/8668587250

Organized By

**Civil Engineering Student
Association (CESA)**

2nd Program on

AUG 12, 2021 | 10.30 AM

For More Updates.....



<https://www.linkedin.com/in/civil-department-svkm-s-iot-782129219>

Organizing Platform



© www.svkm-iot.ac.in | iotdhule@svkm.ac.in

Behind Gurudwara, Mumbai-Agra
Highway, Dhule 424001.



Event Snapshots

Microsoft Teams | Search | Shri Vile Parle Kelavani Mandal

INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

The GIS Data Model: Implementation

Geographic Integration of Information

- Data is organized by layers, coverages or themes (synonymous concepts), with each layer representing a common feature.
- Layers are integrated using explicit location on the earth's surface, thus geographic location is the

Slide 35 of 43 | Take control | 01:11:50 | Basweshwar Jirwankar | IIRS Outreach Programme | harish@iirs.gov.in

People

Invite someone | Share invite

Presenters (2) | Mute all

- Darshankumar Patel (Organiser)
- Basweshwar Jirwankar**

Attendees (61)

- Aakanksha vispute (Guest)
- Akash Narkhede (Guest)
- Ankita Dipak Patil (Guest)
- Ashutosh jogi (Guest)
- bhagyashri thakare (Guest)
- Chinmayee Desale (Guest)
- Darshana Patil (Guest)
- Devyani Bhortake (Guest)
- Diksha Deore (Guest)

Bottom bar: +58 | CD | AP | LP | TP | GV | SS | MG | Basweshwar Jirwankar

Windows taskbar: Type here to search | 11:12 AM | 8/12/2021

Session-1

Layout | Edit | View | Items | Add Item | Atlas | Settings

Items | Undo History

- Item
- Map 1
- North Arrow
- LEGEND

Item Properties

teams.microsoft.com is sharing your screen. | Stop sharing | Hide

x: 254.82 mm | y: 151.202 mm | page: 1 | 59.5%

Windows taskbar: Type here to search | 2:16 PM | 8/12/2021

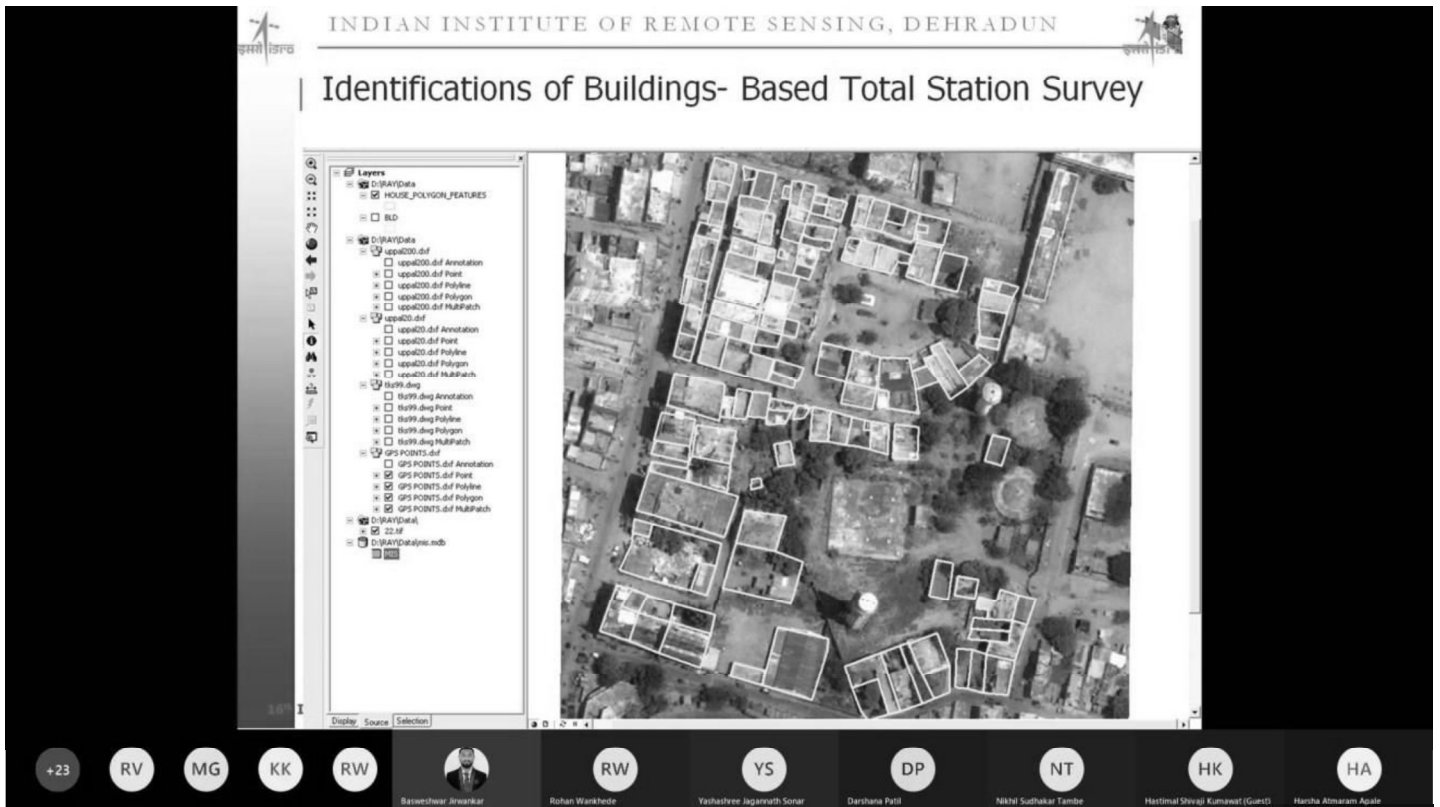
Bottom bar: +47 | D | LP | JN | PS | VS | SS | HI | SB | AP | KS | Vatsiravi Sonkule | sakshi sali | Hetal Ingale | sucheta Beldar | Ankita Dipak Patil | komal shimpi

Session-2





Session-2



Session-3



Sample Certificate



SVKM's
Institute of Technology, Dhule
Department of Civil



CERTIFICATE

This is to certify that

Hetal Subhash Ingale

has successfully attended the Online Training Program Series 2nd Program on "Introduction to Geoinformatics with Digitization of Maps" organized by Civil Department, SVKM's Institute of Technology, Dhule on 12th August 2021.

Randhavane
Dr. Shrikant Randhavane
Convenor and Dept. Coordinator
Civil Department
SVKM's IOT, Dhule

Salunke
Dr. Nilesh Salunke
Principal and Patron
SVKM's IOT, Dhule

Made for free with Certify'em

Participation Attendance Snapshot

Meeting Summary

| | | | |
|------------------------------|----------------------|----------------------|--------|
| Meeting Start Time | 12/08/2021, 13:18:08 | 12/08/2021, 14:35:45 | 1h 17m |
| Meeting End Time | 12/08/2021, 13:20:18 | 12/08/2021, 13:22:27 | 2h 43m |
| Total Number of Participants | 88 | | |

Meeting Title

Online Training Program Series - Second Program "Introduction to Geoinformatics with digitization of maps" on 12 August 2021.

Debug Id

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| Full Name | Join Time | Leave Time | Duration | Role |
|-----------------------------------|----------------------|----------------------|----------|----------|
| Vaishnavi Sonkule | 12/08/2021, 12:56:55 | 12/08/2021, 14:36:03 | 1h 39m | Attendee |
| Umesh Bose | 12/08/2021, 12:56:55 | 12/08/2021, 15:40:42 | 2h 43m | Attendee |
| UJWAL WAGH - 14001170043 | 12/08/2021, 12:56:55 | 12/08/2021, 13:58:21 | 1h 1m | Attendee |
| Tushar Patil | 12/08/2021, 12:56:56 | 12/08/2021, 14:32:57 | 1h 36m | Attendee |
| Tejaswini Patil | 12/08/2021, 12:57:23 | 12/08/2021, 14:38:17 | 1h 40m | Attendee |
| Sualeha Ansari | 12/08/2021, 12:57:28 | 12/08/2021, 14:38:03 | 1h 40m | Attendee |
| sucheta Beldar | 12/08/2021, 12:58:00 | 12/08/2021, 14:35:54 | 1h 37m | Attendee |
| Sonawane Dhanashri Arun | 12/08/2021, 12:58:49 | 12/08/2021, 14:32:39 | 1h 33m | Attendee |
| smitesh topare (Guest) | 12/08/2021, 12:59:06 | 12/08/2021, 14:36:38 | 1h 37m | Attendee |
| Siddhes h Shirole | 12/08/2021, 12:59:37 | 12/08/2021, 13:39:36 | 39m 58s | Attendee |
| SHRUTI PAWAR - 14001200063 | 12/08/2021, 12:59:43 | 12/08/2021, 15:46:18 | 2h 46m | Attendee |
| shivam koli | 12/08/2021, 12:59:59 | 12/08/2021, 14:35:56 | 1h 35m | Attendee |
| SHINDE SURAJ ANANDRAO | 12/08/2021, 13:01:53 | 12/08/2021, 13:48:18 | 46m 24s | Attendee |
| sharayu shravage | 12/08/2021, 13:02:19 | 12/08/2021, 13:04:54 | 2m 34s | Attendee |
| Shahu | 12/08/2021, 13:02:25 | 12/08/2021, 14:29:46 | 1h 27m | Attendee |
| Satish Taji | 12/08/2021, 13:02:32 | 12/08/2021, 13:28:55 | 26m 23s | Attendee |
| S M Patil, FVPIT Budhgaon | 12/08/2021, 13:03:15 | 12/08/2021, 14:38:03 | 1h 34m | Attendee |
| Rohit Wankhede | 12/08/2021, 13:03:46 | 12/08/2021, 13:31:00 | 27m 14s | Attendee |
| Rohit Wankhede | 12/08/2021, 13:03:56 | 12/08/2021, 13:47:37 | 43m 40s | Attendee |
| Rashmi | 12/08/2021, 13:04:43 | 12/08/2021, 15:51:51 | 2h 47m | Attendee |
| Raj Bhortake | 12/08/2021, 13:05:19 | 12/08/2021, 13:07:07 | 1m 48s | Attendee |
| Rahas vikram | 12/08/2021, 13:07:28 | 12/08/2021, 14:35:59 | 1h 28m | Attendee |
| punam Dnyaneshwar patil | 12/08/2021, 13:07:58 | 12/08/2021, 13:14:41 | 6m 43s | Attendee |
| puja chaven | 12/08/2021, 13:08:03 | 12/08/2021, 14:35:41 | 1h 27m | Attendee |
| Prerana lkhari | 12/08/2021, 13:09:43 | 12/08/2021, 15:51:40 | 2h 41m | Attendee |
| Prathamesh S appke | 12/08/2021, 13:10:12 | 12/08/2021, 14:13:12 | 1h 2m | Attendee |
| Pranoti Nilkanth Sonar | 12/08/2021, 13:11:51 | 12/08/2021, 13:53:43 | 41m 51s | Attendee |
| poonam lambale | 12/08/2021, 13:12:54 | 12/08/2021, 13:53:10 | 40m 16s | Attendee |
| Nikhil Sudhakar Tambe | 12/08/2021, 13:14:21 | 12/08/2021, 14:35:59 | 1h 21m | Attendee |
| Mitali | 12/08/2021, 13:15:39 | 12/08/2021, 13:20:17 | 4m 37s | Attendee |
| mansi neve. | 12/08/2021, 13:21:00 | 12/08/2021, 15:46:12 | 2h 25m | Attendee |
| Madhumita Gavit | 12/08/2021, 13:22:16 | 12/08/2021, 14:29:52 | 1h 7m | Attendee |
| laksh patil | 12/08/2021, 13:23:40 | 12/08/2021, 15:03:28 | 1h 39m | Attendee |
| lipakshi patil | 12/08/2021, 13:26:26 | 12/08/2021, 14:34:33 | 1h 8m | Attendee |
| Kunwar Leena Rajkumar | 12/08/2021, 13:28:50 | 12/08/2021, 14:38:44 | 1h 9m | Attendee |
| komal shimpi | 12/08/2021, 13:33:15 | 12/08/2021, 14:37:48 | 1h 4m | Attendee |
| Kirti Kumbhar | 12/08/2021, 13:37:35 | 12/08/2021, 15:51:43 | 2h 14m | Attendee |
| Kashish Dound | 12/08/2021, 13:39:03 | 12/08/2021, 15:47:21 | 2h 8m | Attendee |
| Kalpesh Sapakale | 12/08/2021, 13:46:18 | 12/08/2021, 14:35:56 | 49m 37s | Attendee |
| KAJAL PATIL3 - 14001180021 | 12/08/2021, 14:01:01 | 12/08/2021, 14:41:48 | 40m 47s | Attendee |
| jdnyasa nehete | 12/08/2021, 14:08:39 | 12/08/2021, 14:24:52 | 16m 12s | Attendee |
| jayshree koli | 12/08/2021, 14:23:23 | 12/08/2021, 14:38:46 | 15m 22s | Attendee |
| jay | 12/08/2021, 14:35:50 | 12/08/2021, 14:36:05 | 14s | Attendee |
| shwari fegade | 12/08/2021, 14:41:32 | 12/08/2021, 15:46:20 | 1h 4m | Attendee |
| Hetal Ingale | 12/08/2021, 14:41:52 | 12/08/2021, 15:51:49 | 1h 9m | Attendee |
| Hashtimal Shivaji Kumawat (Guest) | 12/08/2021, 14:44:42 | 12/08/2021, 15:46:29 | 1h 1m | Attendee |
| Harsha Atmaram Agale | 12/08/2021, 14:45:04 | 12/08/2021, 14:45:59 | 54s | Attendee |
| Ghanisha Chaudhari | 12/08/2021, 14:45:49 | 12/08/2021, 15:36:36 | 50m 47s | Attendee |
| Gayatri Chavare | 12/08/2021, 14:47:22 | 12/08/2021, 15:40:01 | 52m 39s | Attendee |
| Gaurav Sandip Varade | 12/08/2021, 14:49:08 | 12/08/2021, 15:45:46 | 56m 37s | Attendee |
| Yugini Sapkale | 12/08/2021, 14:51:39 | 12/08/2021, 15:46:10 | 54m 30s | Attendee |
| Dimpal Patil | 12/08/2021, 14:52:20 | 12/08/2021, 15:49:25 | 57m 5s | Attendee |
| Devyani Bhortake | 12/08/2021, 14:52:55 | 12/08/2021, 15:45:48 | 52m 52s | Attendee |
| Dattatray | 12/08/2021, 14:55:05 | 12/08/2021, 15:45:48 | 50m 42s | Attendee |
| Darshana Patil | 12/08/2021, 14:58:17 | 12/08/2021, 15:48:08 | 49m 51s | Attendee |
| Chinmayee Desale | 12/08/2021, 14:59:47 | 12/08/2021, 15:45:54 | 46m 7s | Attendee |
| Bhagyashri Thakare | 12/08/2021, 15:10:25 | 12/08/2021, 15:46:44 | 36m 38s | Attendee |
| As hutosh jogi | 12/08/2021, 15:17:01 | 12/08/2021, 15:45:46 | 28m 45s | Attendee |
| Ankita Dipak Patil | 12/08/2021, 15:19:39 | 12/08/2021, 15:40:13 | 20m 35s | Attendee |
| Akash Narkhede (Guest) | 12/08/2021, 15:20:23 | 12/08/2021, 15:47:24 | 27m 1s | Attendee |
| Akash Narkhede (Guest) | 12/08/2021, 15:21:40 | 12/08/2021, 15:51:46 | 30m 5s | Attendee |
| Addi Kinholkar | 12/08/2021, 15:25:53 | 12/08/2021, 15:26:28 | 34s | Attendee |
| Abhay patil | 12/08/2021, 15:26:13 | 12/08/2021, 15:37:36 | 11m 23s | Attendee |
| Aakanksha vspupte | 12/08/2021, 15:34:14 | 12/08/2021, 15:45:33 | 11m 19s | Attendee |
| lokesh patil | 12/08/2021, 15:41:28 | 12/08/2021, 15:45:33 | 4m 5s | Attendee |
| Yashashri pawar | 12/08/2021, 15:46:53 | 12/08/2021, 15:40:13 | 70m 39s | Attendee |
| Yashashree Jagannath Sonar | 12/08/2021, 15:52:14 | 12/08/2021, 15:47:24 | 27m 1s | Attendee |
| Vas eem Rashid Tadvii | 12/08/2021, 15:34:14 | 12/08/2021, 15:45:33 | 11m 19s | Attendee |