



# SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY

(UGC Approved University)

GURGAON, Delhi-NCR

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**“A Walk Through: GIS and Remote Sensing”**

**Faculty of Engineering & Technology**

**Department of Civil Engineering**

**“A Walk Through: GIS and Remote Sensing”**

**Type of event:Webinar**

**Date:28/11/2020**

**Time: 11:00 A.M. to 12: 30 PM**

**Venue: Google Meet, Online mode**

**E Brochure-**

The brochure is for a webinar titled "A Walk Through: GIS and Remote Sensing" organized by the Department of Civil Engineering at SGT University. The event is scheduled for November 28, 2020, at 11:00 AM. The guest speaker is Ms. Mehreen Khan, GIS Executive at SkyMap Global Pvt. Ltd. The convener is Mr. Yaman Hooda, Assistant Professor in the Department of Civil Engineering, FEAT. The brochure features a circular portrait of Ms. Mehreen Khan and a circular portrait of Mr. Yaman Hooda. It also includes a diagram illustrating GIS and Remote Sensing concepts, showing a globe, a 3D terrain model, and a 2D map. The SGT University logo and name are prominently displayed at the top. A registration link is provided for participants. A note at the bottom states that certificates will be provided to all participants. The brochure is designed with a blue and white color scheme and includes the IGAUGE logo at the bottom right.

**SGT UNIVERSITY**  
SHREE GURU GORIND SINGH TRICENTENARY UNIVERSITY  
(UGC & AICTE Approved) Gurugram, Delhi-NCR

Faculty of Engineering and Technology  
**Department of Civil Engineering**  
Organizing

Webinar on  
**A Walk Through:  
GIS and Remote Sensing**

[Registration Link](#)

**28**  
Nov 2020  
SATURDAY  
11:00am

Guest Speaker  
**Ms. Mehreen Khan**  
GIS Executive,  
SkyMap Global Pvt. Ltd.

Convener  
**Mr. Yaman Hooda**  
Assistant Professor,  
Dept. of Civil Engineering, FEAT

E – Certificates will be provided to all the participants.

IGAUGE  
0050

**Brief Profile of Speaker:**

Ms. Mehreen Khan, currently working with SkyMap Global as a GIS Executive in developing machine learning solutions for product development. Received her B. Tech degree (Civil Engineering) in 2015 M.Tech degree (Geomatics Program) in 2020 from CEPT University, Ahmedabad, India.

She formerly worked with Sensegrass Inc as a GIS Analyst and active collaborator on Omdena (Non-Profit Organisation) as Machine learning Engineer. She has completed dissertation with Enercomp Solutions Pvt Ltd in R&D department on the topic “Automated Detection and Recognition of Highway Road Marking with Computer Vision and Deep Learning.”

**Organizer:** Mr. Yaman Hooda, Assistant Professor, Department of Civil Engineering, FEAT

**Report of the Webinar/ Event / FDP Program:**

**a) Introduction:** The sub – discipline of “Geoinformatics” is totally rely on the application of GIS and Remote Sensing in the field of Surveying and Levelling.

**b) Objective of the webinar** The main objective behind this webinar is to give an insight to the emerging discipline of GIS and Remote Sensing in the disciplines of Civil Engineering such as Structural Engineering, Transportation Engineering, Environmental Engineering, Water Resource Engineering and Geotechnical Engineering.

**c) Brief content of lecture-**

The Department of Civil Engineering organized a webinar on “A Walk Through – GIS and Remote Sensing” on November 28, 2020 from 11:00 AM to 12:30PM. The theme of the webinar was focused on emerging growth of GIS and Remote Sensing in the application areas of Civil Engineering. The webinar commenced with the basic introduction and fundamental concepts of GIS and Remote Sensing. As the webinar proceeds, the speaker throws a light on the in – depth understanding of GIS and Remote Sensing, how the data is taken, how the data is presentable and how can we read the data. Then, the discussion on the various software platform which are used to work on GIS and Remote Sensing such as

QGIS, ArcGIS, Google Earth Pro and many more. The various application of GIS and Remote Sensing is discussed in the following areas:

- Urban Planning
- Disaster and Hazard Planning
- Location Intelligence
- Agriculture Farming Monitoring
- 3D Data Modelling

After the speaker ended his presentation, the Q and A Session was conducted for 30 minutes and meanwhile, a Feedback Form is also filled by the participants.

**Learning Outcome:** The webinar was able to make students and faculty members understand the need and essential of GIS and Remote Sensing in Civil Engineering in its various sub–disciplines.

**Shortcomings:**

1. Less audience

d) **Screenshots of Webinar**



### **List of participants**

Above 60 Students and Faculty Members from Department of Civil Engineering, SGT University, other Government and Private Institutions from India.

1. ROHIN VENGATESH
2. KOSHISH
3. NITIN SINGH
4. SAGAR DABAS
5. SAKET KUMAR
6. PRIYANSHU
7. MEHAK GAUR
8. NIKHIL SHARMA
9. ATUL
- 10.NITIN
- 11.ADITYA JAIN
- 12.SAKSHI KADIAN
- 13.BHAVIK DHAMIJA
- 14.ALOK KESHRI
- 15.HARSH KASHYAP
- 16.SAKSHI MITTAL
- 17.ANKIT PARASHAR
- 18.SEENU NIGANIA
- 19.SANYAM SEHRAWAT
- 20.AKANSHA
- 21.MANMEET
- 22.ABHISHEK
- 23.ANKIT JOSHI
- 24.DHEERAJ SHARMA
- 25.MOHIT KUMAR
- 26.DEEPANSHU
- 27.AKSHAY DAHIYA
- 28.ARYAN DAGAR
- 29.SRISHTI CHOUDHARY
- 30.ANKIT CHHIKARA
- 31.DEEPANSHU

32.VISHAL GULERIA  
33.ANSHDEEP SINGH  
34.ANKUSH DAHIYA  
35.SUNIDHI BADWAL  
36.NITIN KUMAR  
37.DIPESH  
38.VICKY KUMAR  
39.ABDUL REHMAN  
40.CHIRAG  
41.RAHUL SHARAN  
42.SANUWAR MALIK  
43.ARJUN TOMAR  
44.ROHIT  
45.YUGAL KAUSHIK  
46.LOKESH  
47.DEEPANSHU KAUSHIK  
48.PRIKSHIT  
49.ASHISH PATHAK  
50.ROHAN  
51.PAWAN  
52.SAMKIT  
53.MOHIT YADAV  
54.KRISHAN BANSAL  
55.HARSH CHAURASIA  
56.SHIVSAKAND  
57.TANISHK SHARMA  
58.SHASHANK  
59.HIMANSHU KUMAR  
60.ANURAG KUMAR  
61.RITIKA  
62.MOHIT PAHAL  
63.DEEKSHA SINGH  
64.KRISHNA  
65.FAIYAZ ANSARI  
66.PAWAN KUMAR

67.VAIBHAV SAINI

Tellur

	A	B	C	D	E	F	G	H	I	J
1	Time/Lamp	Name of the Participant	Name of the Institution	Email ID	Contact No.					
2	11/21/2020 10:36:22	Yashan Hivola	SGT University, Gurugram	yashan_hivola@sgtuniversity	123456789					
3	11/26/2020 12:32:36	MICHEL WAZAF AJOTHAR	SGT University	wasaf_jm@gmail.com	8027129128					
4	11/26/2020 12:38:36	Divyanshu Chandra	SGT UNIVERSITY	divyanshu02@gmail.com	8299007616					
5	11/26/2020 12:43:42	Kaushal Sharma	SGT University	kaushal@sgtuniversity.org	8800000237					
6	11/26/2020 12:43:51	Aadish Vivek Sakh	SGT University	asakh@sgu.com	8754540571					
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8	11/26/2020 12:58:10	Nishant	SGT university	Knsant98@gmail.com	8607205415					
9	11/26/2020 13:04:02	Ashish Jain	SGT university	ashishjain@gmail.com	9013473542					
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15	11/26/2020 20:00:18	HARIPRASAD M V	SCHOOL OF ENGINEERING	har0244hishra@gmail.co	9490940477					
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20	11/26/2020 21:53:06	Pruthising Jain K.M	Government Engineering	pruthising25@gmail.co	9482244552					
21	11/26/2020 22:12:33	Anna Joy	Cochin University of Science	annaannamkann@gmail.co	9480307923					
22	11/26/2020 22:12:57	Ghansawar Gaurav Doshi	Dr. Vilvaiah Vithu Patel C	ghansawar29@gmail.com	8883534758					
23	11/27/2020 0:48:52	Muhammed Shaheem KH	SOE CUSAT	shaheemk25@gmail.com	9967401403					
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25	11/27/2020 9:34:06	Anthony Naveel	SOE, CUSAT	anthonynaveelnaveel@gmail	81924073688					
26	11/27/2020 10:53:49	Shagufa Mushtaq	SGT university	shagufa_mushtaq@gmail.co	7689806025					
27	11/27/2020 16:53:47	Vishant yadav	SGT university	Vishantpandey@gmail.co	9810026432					

Copy of E certificate for participants





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## Certificate of Participation

This is to certify that

Mr./Ms./Dr. Divyanshu Chandra

has participated in Webinar on **"A Walk Through: GIS and Remote Sensing"**  
organized by Department of Civil Engineering, Faculty of Engineering & Technology,  
SGT University, Gurugram, Haryana on November 28, 2020.

**Dr. Neeraj Saini**  
Head of the Department  
Department of Civil Engineering, FET

**Mr. Yaman Hooda**  
Convener  
Department of Civil Engineering, FET