

To

The Registrar
SGT University, Gurugram

Subject: Permission to organize a "Hands-on-Workshop on Surveying Techniques of Agricultural Land, on 10 April 2023. (field work)

Respected Sir,

On behalf of the Department of Civil Engineering, FEAT, and Faculty of Agricultural Sciences, SGT University, we would like to request you to permit us to organize a "Hands-on-Workshop on Surveying Techniques of Agricultural Land, under the aegis of Torque Club (FEAT) on 10 April 2023", for the students of the Department of Civil Engineering and B.Sc. (Hons.) Agriculture (Batch 2022-23), of FEAT. This visit will enrich the students about the different surveying techniques applicable to agricultural land. No financial commitments are involved in this workshop session.

Date: 10 April 2023

Students Count: 64 (9+55)

request may be considered for approval here

Kindly consider the request and give valuable permission for the same.

With Best Regards

Mr. Kaushal Sharma (AP-CE)

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Approved
24/03/23

Dr. Neeraj Saini (HOD-CE)

Mr. R. Abhishek (HOD-Agricultural Engineering)

24/03/23
Dr. Neeraj Saini

Abhishek
24/03/2023

DEAN (FEAT)

DEAN (FASC)

Dean FEAT

Agricultural land of SGT University. Behind

Orange plant.

Registrar
SGT University,
Buzurga Gurugram

24/3/23



SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC Approved University) **GURGAON, Delhi-NCR**

Faculty of Engineering & Technology

Department of Civil Engineering

in association with

Faculty of Agricultural Sciences

Organized

Hand-on-Workshop (Student Development Program)

“Surveying Techniques of Agricultural Land”

under the aegis of the Torque Club

Date: 24/04/2023

Time: 10:00 AM to 12:00 PM

Venue: SGTU Ground (Near FLAW)

Organizer:

Dr. Neeraj Saini, HOD and Assistant Professor, Department of Civil Engineering, FEAT.

Mr. R. Abhishek, HOD and Assistant Professor (Agricultural Engineering), FASC.

Mr. Kaushal Sharma, Assistant Professor, Department of Civil Engineering, FEAT

Objectives:

Surveying is crucial in agriculture by providing accurate information about the land, soil, and crops. Surveying is essential in agriculture as it provides valuable information that helps farmers make informed decisions about their land and crops This workshop was focused on delivering

knowledge on working of the total station with other surveying instruments involved in agriculture land surveying and their hands-on practice.

About the Resource Person:

Mr. Kaushal Sharma, Assistant Professor, Department of Civil Engineering, FEAT, SGT University.

Audience:

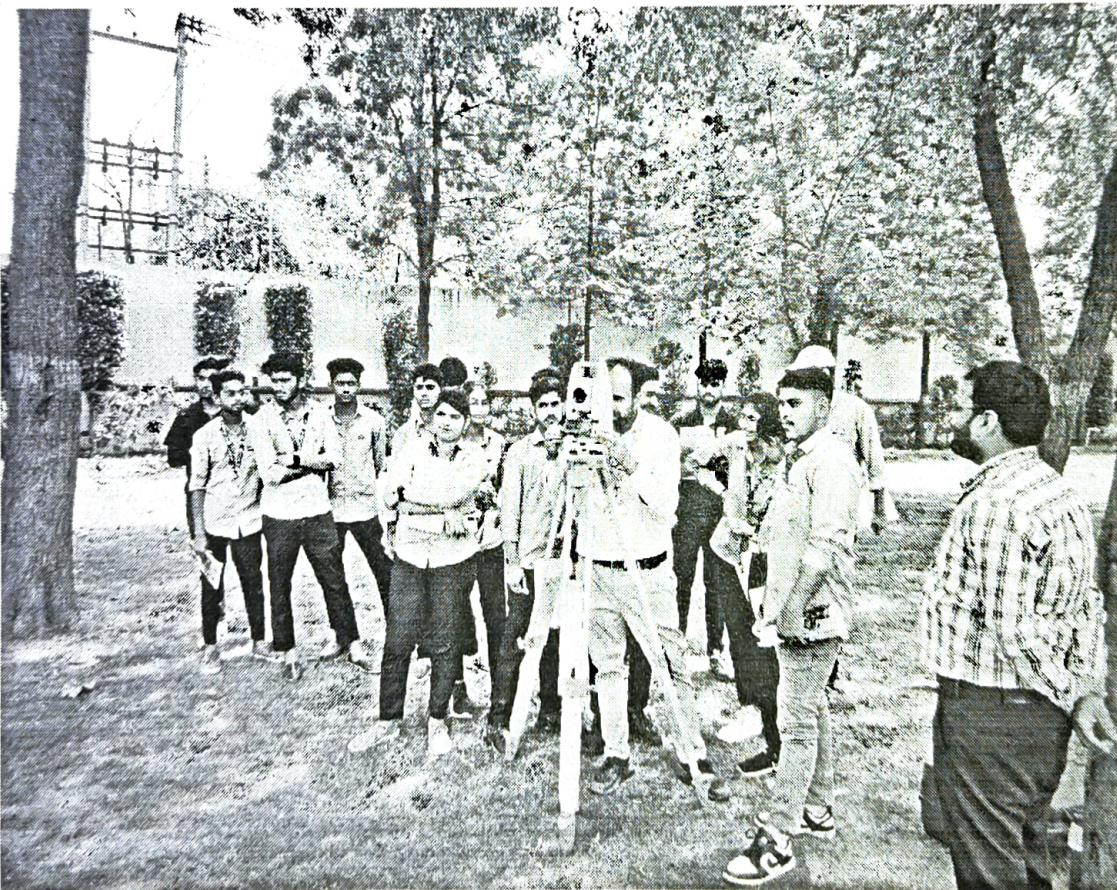
Above 60 Students from the Department of Civil Engineering & Faculty of Agricultural Sciences, FEAT, SGT University was there.

Brief Report:

Surveying techniques are used to measure and map the boundaries, dimensions, and features of agricultural land. Surveying techniques help farmers to effectively manage their agricultural land, make informed decisions, and maximize their productivity. Surveying assists farmers in making informed decisions about how to best utilize their land, such as which crops to grow and where to plant them, which areas are best suited for grazing livestock, and where to locate buildings and infrastructure. Keeping this thought, the Department of Civil Engineering, FEAT, in association with the Faculty of Agricultural Sciences, SGTU, organized a **Hand-on-Workshop (Student Development Program)** on “**Surveying Techniques of Agricultural Land**” under the aegis of **Torque Club**, on **24 April 2023** for the students of the Department of Civil Engineering and B.Sc. (Hons.) Agriculture (Batch 2022-23), of FEAT. The instructor demonstrated the working of the total station, an essential tool for surveying and measuring distances, angles, and elevations in land surveying, to the students. In addition, the different components used in land surveying, such as engineer's chain, measuring tape, level, and ranging rod, are elucidated to the students. Students were given hands-on training on various surveying instruments, including Total Station, in the field to better understand the surveying techniques.

Learning Outcomes: This workshop enables the students to understand the different surveying instruments, i.e. Total Station, Ranging Rod, Measuring Tape, etc. and how to use them while surveying an agricultural field.

Reviewed by
SGT University
Gurgaon (Haryana)



Mr. Kaushal demonstrating Surveying Techniques



Students doing practical implementation in guidance of Expert

List of Attendees:

CE-FEAT Students

1. 201301001 SUMUKH
2. 201301003 HARSHJYOT
3. 201301008 RANDEEP
4. 221301001 NINJA NIMASOW
5. 221301002 KUNAL DALAL
6. 221301003 KHAGESH
7. 221301004 RISHAB KUMAR
8. 221301005 RAHUL SHARMA
9. 221301006 SUMIT

FASC Students:

1. 221101001 VANSI DEEP JANGRA
2. 221101002 RITIK YADAV
3. 221101003 AASTHA
4. 221101004 MANOJ
5. 221101005 SWETA SUMAN
6. 221101006 NAVYA KUMARI
7. 221101007 SOHAIL KHAN

8. 221101008	VIPIN
9. 221101009	ROHIT KUMAR
10. 221101010	KRISHAN SHARMA
11. 221101011	ANKIT
12. 221101012	VANSH
13. 221101013	AMAN
14. 221101014	DEEPAK KATARIA
15. 221101015	BIKESH KUMAR
16. 221101016	SAHIL
17. 221101017	ANKUSH DESWAL
18. 221101018	RAUSHAN KUMAR
19. 221101019	JYOTI
20. 221101020	DEVRAJ
21. 221101021	DEEPAK JANGHU
22. 221101022	MS. YUKTI
23. 221101023	ABHILAKSHAYA RANA
24. 221101024	EKTA
25. 221101025	JYOTI
26. 221101026	ROHIT
27. 221101027	BHARTI YADAV
28. 221101028	GAURAV
29. 221101029	VISHAL
30. 221101030	POOJA
31. 221101031	RAVINDER
32. 221101032	NAVEEN
33. 221101033	MOHIT
34. 221101034	GAURAV YADAV
35. 221101035	KHADAK SINGH
36. 221101036	KUMUD
37. 221101037	MUSKAN
38. 221101038	MEENAKSHI
39. 221101039	ANSHIKA
40. 221101040	ANSHUL DAGAR
41. 221101041	BHUDEV
42. 221101042	HARSH
43. 221101043	ANUJ YADAV
44. 221101044	BANOTH ARCHANA
45. 221101045	PRASHANT
46. 221101046	CHEKKALA BHAVANI SANKAR
47. 221101047	DONDRA ABHISHEK YADAV
48. 221101048	SUMIT KUMAR
49. 221101049	HARSHIT
50. 221101050	RASTRA ANAND

51. 221101051 AGAPU ANAND KUMAR
52. 221101052 AJMERA MAHESH
53. 221101053 PASHIKANTI SRINADH
54. 221101054 YASH PRATAP ARYA
55. 221101055 JYOTIRADITYA NARWAL

Shree Guru Gobind Singh Tricentenary University Haryana
Faculty of Engineering and Technology

Department: FASC

Event Title: Surveying Techniques of Agriculture

Date: 24/04/2022

S.No	Enrollment no.	Name	Course/Semester	Signature
1	221101001	Vansh Deep Jangra	B.E.C.	Vandep.
2	221101002	Ritik Yadav	B.Sc.	Ritik
3	221101003	Aashka	"	Aashka
4	221101004	Manoj	"	Manoj
5	221101005	Sweta Suman	"	Sweta
6	221101006	Navya Kumari	"	Navya
7	221101007	Sohail Khan	"	Sohail
8	221101008	Vipin	"	Vipin
9	221101009	Rohit	"	Rohit
10	221101010	Krishan Sharma	"	K. Sharma
11	221101011	Ankit	"	Ankit
12	221101012	Vansh	"	Vansh
13	221101013	Aman	"	Aman
14	221101014	Deepak Khatra	"	Deepak
15	221101015	Bikesh Kumar	"	B. Kumar
Coordinator(s) (Name, Department and signature)				



Shree Guru Gobind Singh Tricentenary University Haryana
Faculty of Engineering and Technology

Department: FEASC





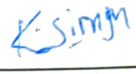


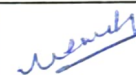
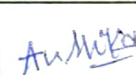
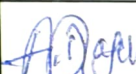

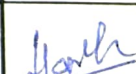
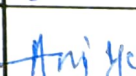

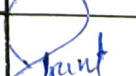
Event Title:			Date:	
S.No	Enrollment no.	Name	Course/Semester	Signature
1	221101016	Sahil	B.S	Sahil
2	221101017	Ankush deswal	"	Ankush
3	221101018	Raushan Kumar	"	Raushan
4	221101019	Jyoti	"	Jyoti
5	221101020	Devraj	"	Devraj
6	221101021	Deepak Janghu	"	Deepak
7	221101022	Ms. YUKTI	"	Yukti
8	221101023	Abhilakshaya Rana	"	Abhilakshaya
9	221101024	EKTA	"	EKTA
10	221101025	Jyoti	"	Jyoti
11	221101026	Rohit	"	Rohit
12	221101027	Bharti Yadav	"	Bharti
13	221101028	Gaurav	"	Gaurav
14	221101029	Vishal	"	Vishal
15	221101030	Pooja	"	Pooja
Coordinator(s) (Name, Department and signature)				

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Shree Guru Gobind Singh Tricentenary University Haryana
Faculty of Engineering and Technology

Department: FASC Date: _____

Event Title: _____

S.No	Enrollment no.	Name	Course/Semester	Signature
1	221101031	Ravinder	B.Sc.	
2	221101032	Naveen	"	
3	221101033	Mohit	"	
4	221101034	Lakshay Yadav	"	
5	221101035	Khadak Singh	"	
6	221101036	Kumud	"	
7	221101037	Muskan	"	
8	221101038	meenakshi	"	
9	221101039	Anshika	"	
10	221101040	Anshul Dagar	"	
11	221101041	Bhudev	"	
12	221101042	Harsh	"	
13	221101043	AnuJ Yadav	"	
14	221101044	Banoth Archana	"	
15	221101045	Prashant	"	
Coordinator(s) (Name, Department and signature)				

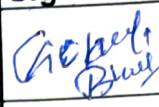


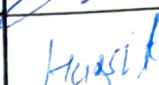
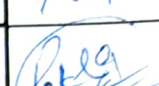


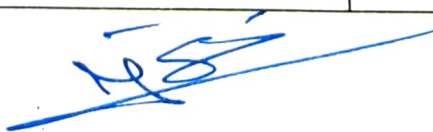
Shree Guru Gobind Singh Tricentenary University Haryana
Faculty of Engineering and Technology

Department: FASC

Date:

Event Title:

S.No	Enrollment no.	Name	Course/Semester	Signature
1	2211010 46	Chekkala Bhavani	B.Sc	
2	2211010 47	Dondra Abhishek	"	
3	2211010 48	Somit Kumar	"	
4	2211010 49	Harsit	"	
5	2211010 50	RasTRA	"	
6				
7				
8				
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15				
Coordinator(s) (Name, Department and signature)				



Shree Guru Gobind Singh Tricentenary University Haryana
Faculty of Engineering and Technology

Department: Civil Engineering

Date: 24/4/2023

Event Title:

S.No	Enrollment no.	Name	Course/Semester	Signature
1	201301001	Sumukh	B Tech	<u>Suv</u>
2	201301003	Harshyot	"	<u>Miyat</u>
3	201301008	Randeep	"	<u>Raman</u>
4	221301001	Ninja	"	<u>N.M</u>
5	221301002	Kunal	"	<u>Kalala</u>
6	221301003	Khagesh	"	<u>Kapote</u>
7	221301004	Rishab kumar	"	<u>Rishabh</u>
8	221301005	Rahul Sharma	"	<u>Roshana</u>
9	221301006	Sumit	"	<u>Smit</u>
10				
11				
12				
13				
14				
15				
Coordinator(s) (Name, Department and signature)			Mr. Kaushal Sharma	<u>[Signature]</u>

HOD
 Department of Civil Engineering
 Faculty of Engineering & Technology
 SGT University
 Gurugram (Haryana)

Department of
Civil Engg

Dean
 Faculty of Engineering & Technology
 SGT University
 Gurgaon (Haryana)