

To

The Registrar
SGT University, Gurugram

Subject: Permission to organize a **Hands-on-Workshop** on "Basic Surveying Methods", 03 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 "Basic Surveying Methods", under the aegis of **Torque Club (FEAT)** on **03 April 2023**, for the students of the Department of Civil Engineering and B.Sc. (Hons.) Agriculture (Batch 2022-23), of FEAT. This workshop will enrich the students about the basic surveying methods applicable to agricultural land. No financial commitments are involved in this workshop session.

within campus

Date: 03 April 2023

Students Count: 64 (9-Civil)
(55-Agr)

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

With Best Regards

Mr. Kaushal Sharma (AP-CE)

Dr. Neeraj Saini (HOD-CE)

Request may be for appl. file
considered
Approved
27/3/23
25/03/2023

Mr. R. Abhishek (HOD-Agricultural Engineering)

DEAN (FEAT)

DEAN (FASC)

DEAN FASC

*Agricultural land of SGT uni
behind Oxygen plant.*

Registrar
SGT University,
Bachara, Gurugram

24/3/23

29/3/23



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)

“Basics of Surveying”

under the aegis of Torque Club

Date: 03/04/2023

Time: 10:00 AM to 12:00 PM

Venue: Room No. 126 & 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

Dr. Kiran Devi, Assistant Professor, Department of Civil Engineering, FEAT.

Objectives:

Surveying help in the determination of the relative position of any objects or points on the earth. Also, assist in the determination of the distance and angle between different objects. The surveyor prepares a map or plans to represent an area on a horizontal plane. This workshop was

focused on delivering knowledge on basic instrumentation with advanced instruments, involved in land surveying and their hands-on practice.

About the Resource Person:

Mr. Kaushal Sharma & Dr. Kiran Devi, 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 plays a vital role in soil conservation measures like contour bunding, graded bunding, bench terracing construction of farm ponds and percolation ponds, etc. Alignments of canals for irrigation and drainage can be effectively done by proper surveying. The importance of land surveying for farmers goes hand in hand with improving productivity and efficiency. 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 “**Basics Surveying Methods**” under the aegis of **Torque Club**, on **03 April 2023** for the students of the Department of Civil Engineering and B.Sc. (Hons.) Agriculture (Batch 2022-23), of FEAT. The demonstrator elaborated on the different components involved in land surveying, such as engineer's chain, theodolite, measuring tape, total station, level, and rod. Also, students were given hands-on-demo in the field to better understand the surveying concepts.

Learning Outcomes: This workshop enables the students to understand the different surveying instruments and how to use them while surveying an agricultural field.



Mr. Kaushal demonstrating Surveying Devices



Live demonstration of Surveying Devices

Faculty of Engineering & Technology
SGT University
Gurgaon (Haryana)



Students doing implementation of Surveying Devices

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

Faculty of Engineering & Technology
SGT University
Gurgaon (Haryana)

Shree Guru Gobind Singh Tricentenary University Haryana

Faculty of Engineering and Technology

Department: Civil Engineering

Event Title: Basics of Surveying

Date: 3/04/2023

Course/Semester

Signature

S.No

Enrollment no.

Name

Course/Semester

Signature

1

201301001

Sumukh

B.Tech.

Suk

2

201301003

Harshiyot

B.Tech

Harshiyot

3

201301008

Randeep

B.Tech

Ramraj

4

221301001

Ninja

B.Tech

N.M

5

221301002

Kunal Dalal

B.Tech.

Kunal

6

221301003

Khagesh

B.Tech

Khagesh

7

221301004

Rishab

B.Tech.

Rishabh

8

221301005

Rahul

B.Tech.

Rahul

9

221301006

Sumit

B.Tech.

Sumit

10

11

12

13

14

15

Coordinator(s) (Name, Department and signature)

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

Department: FASC Date: 3/4 2023

Event Title: Basics of Surveying Course/Semester

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

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

Department:

Date:

Event Title:

S.No	Enrollment no.	Name	Course/Semester	Signature
1	221101016	Sahil	BSC	Sahil
2	221101017	Ankush Deswal	"	Ankush
3	221101018	Raushan Kumar	"	R. Kumar
4	221101019	Jyoti	"	Jyoti
5	221101020	Deeraj	"	Deeraj
6	221101021	Deepak Janghu	"	Deepak
7	221101022	ms. YUKTI	"	Yukti
8	221101023	Abhilakshaya Rana	"	Rana
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)				

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

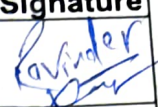

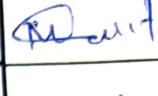
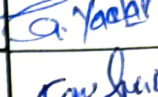
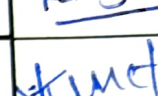

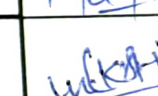
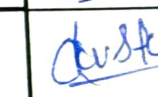
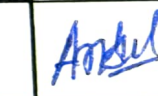

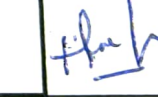
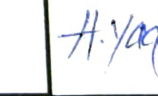

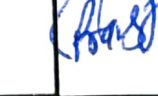

Department:

Date:

Event Title:

Course/Semester

Signature

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

Shree Guru Gobind Singh Tricentenary University Haryana

Faculty of Engineering and Technology

Department:

Event Title:			Date:	
S.No	Enrollment no.	Name	Course/Semester	Course Signature
1	221101046	Chekkala Bhavani	CE 201	BSC.
2	221101047	Dondra Abhishek	CE 201	"
3	221101048	Sumit Kumar	CE 201	"
4	221101049	Harshit	CE 201	"
5	221101050	Rajendra Anand	CE 201	"
6	221101051	Agaru Anand	CE 201	"
7	221101052	Asmera Mahesh	CE 201	"
8	221101053	Pasikanti	CE 201	"
9	221101054	Yash Pratap	CE 201	"
10	221101055	Jyotisaaditya	CE 201	"
11				
12				
13				
14				
15				
Coordinator(s) (Name, Department and signature)			Mr. Kaushal Sharma Department of Civil Engg.	

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