



DEPARTMENT OF GEOGRAPHY

EGRA SARADA SHASHI BHUSAN COLLEGE

(Reaccredited by NAAC with - 'B' Grade with a CGPA of 2.32)

P.O.+P.S. - Egra, Dist. - Purba Medinipur, West Bengal, Pin - 721429



College Website : www.egrassbcollege.ac.in

College E-mail : info@egrassbcollege.ac.in

College Phone No.: 03220-244073/245557

Departmental E-mail(s):

geographydept12345@gmail.com

geography@egrassbcollege.ac.in

egrassbgeodept@gmail.com

Departmental Phone No.: 03220-245110

REPORT ON

10 DAYS CERTIFICATE COURSE ON SURVEY INSTRUCTION

*Organized by Department of Geography
Egra S.S.B. College, Egra, Purba Medinipur, Pin-721429*

- Title of the Course: **Survey Instruction**
- Nature of the Course: Theory & Practical Classes
- Total Contact Hours: 40 hours
- Total Credits: 5
- Opening of registration process: 9th July 2022
- Closing of Registration Process: 16th July 2022
- Mode of Registration: Offline
- Date for Commencement of the Course: 18th July 2022
- Closing date of the course: 28th July 2022
- Duration: 10 Days
- Total No of Students Enrolled: 42 UG Students
- Registration Fees: Nil

Course Coordinator:

Dr. Dipak Bisai, Associate Professor, Dept. of Geography, Egra SSB College

Number of Faculty involved:

Mr. Prosenjit Murmu, Assistant Professor & Head, Dept. of Geography, Egra SSB College

Mr. Srikrishna Paul, SACT-II, Dept. of Geography, Egra SSB College

Mr. Soutik Kr. Das Mahapatra, SACT-II, Dept. of Geography, Egra SSB College

Mr. Debasish Das Mahapatra, SACT-I, Dept. of Geography, Egra SSB College

Outcome of the Course:

On successful completion of this course student will be able to

- Use and operate Theodolite, Prismatic Compass, Dumpy Level & GPS in the field.
- Apply the knowledge of Theodolite, Prismatic Compass, Dumpy Level & GPS in different operations.
- Apply the knowledge of principles and purpose of Tacheometry in finding out the constants.
- Formulate the setting out of curve by linear and angular methods.
- Summarize the basic principles of GPS and GIS in field survey.

EGRA SARADA SHASHI BHUSAN COLLEGE

(AFFILIATED TO VIDYANAGAR UNIVERSITY)



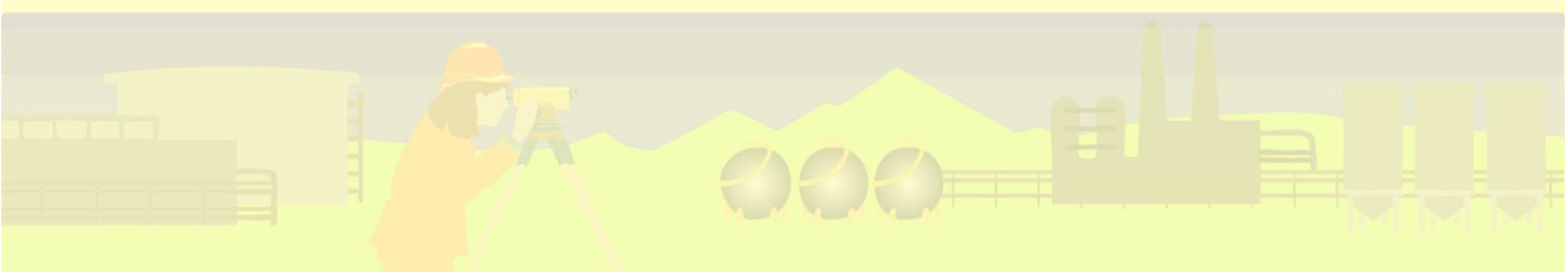
P.O. + P.S. – EGRA, DIST. - PURBA MEDINIPUR, PIN -721429, WEST BENGAL

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DRAFT SYLLABUS

CERTIFICATE COURSE ON SURVEY INSTRUCTION

ORGANIZE BY
DEPARTMENT OF GEOGRAPHY



Section -1: Structure of the Course and Examination

Type	Paper	Title of the Paper	Credit
Theoretical	I	Fundamentals of Surveying	1 Credit
Practical	II	Coordinate Geometry	2 Credits
Practical	III	Basic Photogrammetry	2 Credits

Section -2: Structure of the Course and Examination

Paper-I: Fundamentals of Surveying 1 Credit

- 1.1. Concepts of Surveying and Mapping.
- 1.2. Linear and Angular Measurement.
- 1.3. Control of Survey.
- 1.4. Concepts about Accuracy.
- 1.5. Scanning, Geo-Referencing, Concepts and Applications of Total Station Techniques.
- 1.6. GPS and its Modern Trends.

Paper- II: Coordinate Geometry 2 Credits

- 2.1. Geodesy application.
- 2.2. Geodetic coordinate system and measuring positions.
- 2.3. Latitude, longitude and coordinate system of grid.

Paper-III: Basic Photogrammetry 2 Credits

- 3.1. Digital Photogrammetry; Remote Sensing.
- 3.2. Digital mapping and Digitisation.



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CERTIFICATE COURSE: SURVEY INSTRUCTION

SYLLABUS DISTRIBUTION

Sl. No.	Faculty	Allotment
1	Dr. Dipak Bisai	1.1. Concepts of Surveying and Mapping. 1.2. Linear and Angular Measurement.
2	Mr. Prosenjit Murmu	1.5. Scanning, Geo-Referencing, Concepts and Applications of Total Station Techniques. 1.6. GPS and its Modern Trends.
3	Mr. Srikrishna Paul	2.1. Geodesy application. 2.2. Geodetic coordinate system and measuring positions. 2.3. Latitude, longitude and coordinate system of grid.
4	Mr. Soutik Das Mahapatra	1.3. Control of Survey. 1.4. Concepts about Accuracy.
5	Mr. Debasish Dasmahapatra	3.1. Digital Photogrammetry; Remote Sensing. 3.2. Digital mapping and Digitisation.

Course-Co-Ordinator

H.O.D.
Dept. of Geography
Egra S.S.B. College





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Departmental Phone No.: 03220-245110

Memo No.:

Date: 18/07/2022

CLASS SCHEDULE FOR 10 DAYS CERTIFICATE COURSE ON SURVEY INSTRUCTION

W.E.F- 18/07/2022

Date/Time	9:15 am-10:15 am	2:15 pm-3:15 pm	3:15 pm-4:15 pm	4:15 pm-5:15 pm
18/07/2022	SDM	PM	DDM	
19/07/2022	PM	DB	SP	
20/07/2022	DB	DDM	SDM	
21/07/2022	SP	SDM	DB	
22/07/2022	PM	SDM	PM	
23/07/2022	DDM	DB	SP	
25/07/2022	SDM	PM	DDM	
26/07/2022	PM	DB	SP	
27/07/2022	DB	DDM	SDM	
28/07/2022	SP	SDM	DB	


CLASS ALLOTMENT

Sl. No.	Faculty Name	Theory	Practical	Total
1	D.B (Dr. Dipak Bisai)	05	04	09
2	P.M (Mr. Prosenjit Murmu)	05	02	07
3	S.P (Mr. Srikrishna Paul)	02	06	08
4	S.D.M (Mr. Soutik Das Mahapatra)	05	04	09
5	D.D.M (Mr. Debasish Dasmahapatra)	03	04	07
Total		20	20	40

Note: The class schedule is inevitably subject to change


Course Co-ordinator




H.O.D.
H.O.D.
Dept. of Geography
Egra S.S.B. College

PHOTOGRAPHS



PHOTOGRAPHS



LIST OF PARTICIPANTS

INSTRUCTION BHUSAN COLLEGE OF STUDENTS

For the Month of 18/07/2022 — 28/7/2022 Of 20

CERTIFICATE COURSE ON SURVEY EGRA SARADA SHASHI REGISTER OF ATTENDANCE

Subject: GEOGRAPHY Part: 1

Sl. No.	Roll No.	Name of the Student	Date		Signature		13	14							
			11	12	11	12									
1		Altab Ali Khan	1	2	3	4	5	6	7	8	9	10	11	12	13
2		Akash Das Mallick	1	2	3	4	5	6	7	8	9	10	11	12	13
3		Amareth Sait	1	2	3	4	5	6	7	8	9	10	11	12	13
4		Amshat Prasad	1	2	3	4	5	6	7	8	9	10	11	12	13
5		Aparna Jana	1	2	3	4	5	6	7	8	9	10	11	12	13
6		Ashima Maity	1	2	3	4	5	6	7	8	9	10	11	12	13
7		Saikat Banerjee	1	2	3	4	5	6	7	8	9	10	11	12	13
8		Charanika Rakshit	1	2	3	4	5	6	7	8	9	10	11	12	13
9		Tubita Panda	1	2	3	4	5	6	7	8	9	10	11	12	13
10		Koyal Jana	1	2	3	4	5	6	7	8	9	10	11	12	13
11		Lakshmi Jana	1	2	3	4	5	6	7	8	9	10	11	12	13
12		Milani Pal	1	2	3	4	5	6	7	8	9	10	11	12	13
13		Namita Pradhan	1	2	3	4	5	6	7	8	9	10	11	12	13
14		Nilanjana Das	1	2	3	4	5	6	7	8	9	10	11	12	13
15		Pijush Das	1	2	3	4	5	6	7	8	9	10	11	12	13
16		Pratima Bora	1	2	3	4	5	6	7	8	9	10	11	12	13
17		Prerana Debbari	1	2	3	4	5	6	7	8	9	10	11	12	13
18		Ritu Sengupta	1	2	3	4	5	6	7	8	9	10	11	12	13
19		Brajeshi Giri	1	2	3	4	5	6	7	8	9	10	11	12	13
20		Rohan Panda	1	2	3	4	5	6	7	8	9	10	11	12	13
21		Sabuj Dutta	1	2	3	4	5	6	7	8	9	10	11	12	13
22		Ruma Ghose	1	2	3	4	5	6	7	8	9	10	11	12	13
23		Saikat Pradhan	1	2	3	4	5	6	7	8	9	10	11	12	13
24		Sarita Pal	1	2	3	4	5	6	7	8	9	10	11	12	13
25		Satyajit Bhunia	1	2	3	4	5	6	7	8	9	10	11	12	13

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2		Akash Das Mallick	1	2	3	4	5	6	7	8	9	10	11	12	13
3		Amareth Sait	1	2	3	4	5	6	7	8	9	10	11	12	13
4		Amshat Prasad	1	2	3	4	5	6	7	8	9	10	11	12	13
5		Aparna Jana	1	2	3	4	5	6	7	8	9	10	11	12	13
6		Ashima Maity	1	2	3	4	5	6	7	8	9	10	11	12	13
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11		Lakshmi Jana	1	2	3	4	5	6	7	8	9	10	11	12	13
12		Milani Pal	1	2	3	4	5	6	7	8	9	10	11	12	13
13		Namita Pradhan	1	2	3	4	5	6	7	8	9	10	11	12	13
14		Nilanjana Das	1	2	3	4	5	6	7	8	9	10	11	12	13
15		Pijush Das	1	2	3	4	5	6	7	8	9	10	11	12	13
16		Pratima Bora	1	2	3	4	5	6	7	8	9	10	11	12	13
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23		Saikat Pradhan	1	2	3	4	5	6	7	8	9	10	11	12	13
24		Sarita Pal	1	2	3	4	5	6	7	8	9	10	11	12	13
25		Satyajit Bhunia	1	2	3	4	5	6	7	8	9	10	11	12	13

CERTIFICATE COURSE ON SURVEY
EGRA SARADA SHASHI
 REGISTER OF ATTENDANCE

INSTRUCTION
BHUSAN COLLEGE
 OF STUDENTS

Subject: GEOGRAPHY Part: 1

For the Month of 18/07/2022 - 28/07/2022 of 20

Sl. No.	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14
26.	Saigav Prasadik	1	2	3	4	5	6	7	8	9	10	11	12	13	14
27.	Suchitra Dev	1	1	2	3	4	5	6	7	8	9	10	11		
28.	Sudipta Panda	1	2	3	4	5	6	7	8	9	10	11	12	13	
29.	Sukumar Kar	1	1	2	3	4	5	6	7	8	9	10	11	12	13
30.	Priyanka Rana	1	1	2	3	4	5	6	7	8	9	10	11	12	13
31.	Shreya Maily	1	2	3	4	5	6	7	8	9	10	11	12	13	14
32.	Mamata Mann	1	2	3	4	5	6	7	8	9	10	11	12	13	14
33.	Sourmy Dey	1	2	3	4	5	6	7	8	9	10	11	12	13	14
34.	Rehit Das	1	2	3	4	5	6	7	8	9	10	11	12	13	14
35.	Sannikar Jana	1	2	3	4	5	6	7	8	9	10	11	12	13	14
36.	Sanjay Mended	1	2	3	4	5	6	7	8	9	10	11	12	13	14
37.	Sankha Subhra	1	2	3	4	5	6	7	8	9	10	11	12	13	14
38.	Pantaru Jana	1	2	3	4	5	6	7	8	9	10	11	12	13	14
39.	Shibvanakar Das	1	2	3	4	5	6	7	8	9	10	11	12	13	14
40.	Samaresh Smit	1	2	3	4	5	6	7	8	9	10	11	12	13	14
41.	Sourmyjit Sahar	1	2	3	4	5	6	7	8	9	10	11	12	13	14
42.	Sumita Das	1	2	3	4	5	6	7	8	9	10	11	12	13	14

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