


SIDDHARTH INSTITUTE OF ENGG.& TECHNOLOGY, KORAPUT

LESSON PLAN

DISCIPLINE:	SEMESTER: 6 th	NAME OF TEACHING FACULTY: Er. Jyoti Ranjan Dash	TO DATE: 28/2/23
SUBJECT:	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 5	SEMESTER FROM DATE: 14/2/23	
WEEK	CLASS DAY	NO. OF WEEKS: 3	THEORY/PRACTICAL SUBJECTS
1ST	1ST	No CLASs	
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
2ND	1ST		
	2ND		
	3RD		
	4TH		
	5TH		
	6TH		
3RD	1ST		
	2ND		Principles of Stadia contents determination.
	3RD		Stadia tachometry with staff held vertical
	4TH		Line of collimation horizontal or inclined
	5TH		Numerical Problems
	6TH		

DISCIPLINE:	SEMESTER: 6 th	NAME OF TEACHING FACULTY:
SUBJECT: Land Survey-II	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 5	SEMESTER FROM DATE: 14/2/23
		TO DATE: 28/2/23
		NO. OF WEEKS: 3
4TH	1ST	Elevations and distances of staff stations
	2ND	Numerical problems
	3RD	Compound, reverse & transition curve
	4TH	Purpose & use of different types of curve in field.
	5TH	Elements of circular curve by chain and tape
	6TH	
5TH	1ST	(i) Offsets from long chord, (ii) Successive bisection of arc.
	2ND	(iii) Offsets from tangents, (iv) Offsets from chord produced
	3RD	Rankin's method of tangent angles
	4TH	Problems of above.
	5TH	Obstacles in curve ranging - point of intersection inaccessible
	6TH	


 HEAD OF DEPT.
 Civil Engg.
 SIET, KORAPUT


 PRINCIPAL 13/02/2023
 Siddharth Institute of Engineering & Technology
 Ektaguda, Koraput

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LESSON PLAN

DISCIPLINE:		SEMESTER:	NAME OF TEACHING FACULTY:
SUBJECT:		NO. OF DAYS/PER WEEK CLASS ALLOTTED:	TO DATE:
	Land Survey - II	5	Dr. Jyotirmayee Dash
			01/03/23
			31 st /03/23
WEEK	CLASS DAY	THEORY/PRACTICAL SUBJECTS	
1ST	1ST	Fractenral or ratio's scale,	
	2ND	Linear scale, Graphical scale	
	3RD	What is map? map scale & map projection	
	4TH	How maps convey location & extent	
	5TH	How map convey characteristics of features	
	6TH		
2ND	1ST	How maps convey spatial relationship	
	2ND	Classification of maps - physical map, topographic map	
	3RD	Political map, economic & resource map.	
	4TH	The matrix map & schematic map.	
	5TH	Thematic maps of above.	
	6TH		
3RD	1ST	Open street map, Defense series map.	
	2ND	Map projection, (i) Quadrangle plane, latitude	
	3RD	Longitude, UTM's, contour lines,	
	4TH	Magnetic declination	
	5TH	public Land survey system	
	6TH		

DISCIPLINE:	SEMESTER: 6 th	NAME OF TEACHING FACULTY: Etc. Jyothirajayee Dash
SUBJECT: Land Survey-II	NO. OF DAYS/PER WEEK CLASS ALLOTTED: 5	SEMESTER FROM DATE: 01/03/23 TO DATE: 25/03/23
4TH	1ST	NO. OF WEEKS: 5
	2ND	Filed notes.
	3RD	Basic of Aerial photography, photogrammetry
	4TH	Aerial photography: Film, Focal length, scale
	5TH	Types of Aerial photographs (Oblique, Straight)
	6TH	Photogrammetry & classification of photogrammetry.
5TH	1ST	Aerial photogrammetry, Terrestrial photogrammetry
	2ND	Photogrammetry process: Acquisition of imagery
	3RD	Control survey
	4TH	Geometric distortion in imagery
	5TH	Application of imagery and its support data.
	6TH	


 28.2.23
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