


Lesson Plan

Subject Land Surveying Practice-II (Code) Pr 2 Name of faculty Tina Geera
 Semester 6th Class allotted 75 periods Branch Civil Engg.

Discipline	Semester	From date: <u>14.02.23</u> To date: <u>23.05.23</u>	Teaching Aid
Subject	No. of days/ per week <u>05 p/w</u>	Theory/ Practical - Topics/Lesson	
Sl. No.	Date/Period		
1	14.02.23	<u>Ch.1:- Trigonometrical Surveying & Tacheometry:-</u>	White board
	To		
	17.02.23 (05 p/w)		1.1. Determination of height of 3 objects whose bases accessible.
2	20.02.23	1.2. Determination of height of 3 objects whose bases are accessible. 1.2. Determination of Stadia Constant.	White board
	To		
	25.02.23 (05 p/w)		1.3. Determination of horizontal distance an elevation with staff vertical, by stadia Method.
3	27.02.23	<u>Ch.2:- Setting out Curves & Site Surveying:-</u>	White board
	To		
	04.03.23 (05 p/w)		2.1. Setting out a simple circular curve by offset from long chord.
4	06.03.23	2.2. Setting out a simple circular curve by offsets from tangent.	White board
	To		
	11.03.23 (05 p/w)		2.3. Setting out a simple circular curve by offsets from chords produced.
5	13.03.23	2.4. Setting out simple circular curve by Rankine's Method.	White board
	To		
	18.03.23 (05 p/w)		2.5. Setting out the Foundation line for a Culvert.
6	20.03.23		White board
	To		
	25.03.23 (05 p/w)		
7	27.03.23		White board
	To		
	31.03.23 (05 p/w)		


 Signature of HOD


 Signature of faculty

Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching Aid
8	03.04.23 To 08.04.23 (03 P/W)	2.6. dividing an area into plots of given size.	White board & Marker & Instruments
	10.04.23 To 15.04.23 (04 P/W)	CH.3:- Study of MAP & Map Series:- & → Types of MAP → Open & Diverse Series Map.	White board & Marker & Instruments
10	17.04.23 To 21.04.23 (05 P/W)	CH.4:- Study on GPS & DGPS & ETS:- → GPS:- GPS Signal, Error & Positioning Method.	White board & Marker & Instruments
	24.04.23 To 29.04.23 (05 P/W)	→ DGPS:- Base station Setup, → Setting up of DGPS data. → ETS:- Distance & Angle measure- ment, Levelling, Error	White board & Marker & Instruments
12	01.05.23 To 06.05.23 (05 P/W)	CH.5:- Study of GIS & MAP Preparation using GIS:- → Components of GIS.	White board & Marker & Instruments
	08.05.23 To 13.05.23 (05 P/W)	S.2. Three views of Information System. S.3. Spatial data Model.	White board & Marker & Instruments
14	15.05.23 To 20.05.23 (05 P/W)	S.5. Prepare data & adding to Arc Map. S.6. Organizing data as layers S.7. Editing the layers. S.8. Switching layout view	White board & Marker & Instruments
	22.05.23 To 23.05.23 (06 P/W)	S.9. Change Page Orientation S.10. Removing borders. S.11. Finalize the Map.	White board & Marker & Instruments


Signature of HOD

Tina Genu
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