



EXPERIMENT PLAN AND TRACKING

Programme : DIPLOMA

Session : 2022-2023

Year : 3rd

Semester : V

Subject: MINE SURVEYING II LAB

Name of the Faculty

Commencement Date

Date of Closure

SUMEET KISHORE

29/8/2022

Experiment No	Experiment planned to be covered	Date	Traking of Experiments	Signature Faculty	Signature HOD
1	Introduction				
2	Demonstration of theodolite reading the vernier.				
3	Temporary adjustments of theodolite & measurement of horizontal angle by repetition method				
4	Measurement of horizontal angle by reiteration method				
5	Observation of magnetic bearing of a line by Theodolite by compass attachment				
6	Measurement of deflection angle by Theodolite by taking an open traverse of 4 – 5 sides				
7	Prolongation of a survey line with the help of a Theodolite.				
8	Measurement of Vertical angles using theodolite				
9	Setting out a simple circular curve by offsets from long chord				
10	Setting out a simple circular curve by (single Theodolite method) Rankine's method				
11	Demonstration of EDM.				
12	Demonstration of Total station.				