



JHARKHAND
Rai University

UGC RECOGNISED UNIVERSITY

ACCREDITED BY NAAC

EXPERIMENT PLAN AND TRACKING

Programme : B.Tech

Session :2022-23

Year : 2nd

Semester : III

Subject: MINE SURVEYING I 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	Measurement of distance by Ranging and Chaining.				
2	Locating various object by chain & cross staff survey				
3	Measurement of bearings of sides of traverse with prismatic compass and computation of correct included angle.				
4	To find the difference in elevation between two points using Differential or Fly leveling.				
5	Calculation of R.L. for different points involving 2 instrument stations & reduction by Height of Instrument & Rise and Fall methods.				
6	Study of plane table surveying equipment's and accessories. Three point problem in plane table traversing.				
7	Study of Auto Level and Dumpy Level; To study different parts of a Transit Theodolite and Temporary Adjustments.				

8	To determine the distance between two inaccessible points by the help of a base length				
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