



JHARKHAND
Rai University

UGC RECOGNISED UNIVERSITY

ACCREDITED BY NAAC

EXPERIMENT PLAN AND TRACKING

Programe : B.TECH

Session : 2022-23

Year: 3rd

Semester : V

Subject: ROCK MECHANICS LAB

Name of the Faculty :

Commencement Date

Date of Closure

MRITUNJAY KUMAR

29th August 2022

Experiment No	Experiment planned to be covered	Date	Traking of Experiments	Signature Faculty	Signature HOD
1	Preparation of rock sample for testing in laboratory.				
2	Methods for determination of compressive strength, tensile strength, shear strength and triaxial strength of rock.				
3	Porosity of rock.				
4	Abrasivity of rock.				
5	Strength indices of rock.				
6	Modulus of elasticity and Poisson's ratio.				
7	Slake durability of rock.				
8	Determination of in situ stresses in rock.				