Discipli	Day Tree		THE RESIDENCE OF THE PARTY OF T	Name of the Teaching Faculty:
Discipline: Mining Engineering			Semester:	MRS.SAMAPIKA DASH
			3rd semester	
0				2 4 01/08/2023 to
Subject: Mine Geology - I			No of days /week class	Semester from Date:01/08/2023 to 30/11/2023
Month	Week	No of	Class Day	Theory topics
	1	periods		
	1 st	01P	02.08.2023	Briefing about the Syllabus.
				Briefing about the Syllabus. Introduction about Geology and different Sylvaboration and scope of Geology for
				Introduction about Geology and different branches of geology and scope of Geology for
				Mining Engineering
	2nd	02P	07.08.2023	
	Zind	021	07.00.2020	Elements of Mineralogy Minerals and rock forming and ore forming
				minerals with examples
				Di di la manarties of minerals
				Color, streak, luster, Hardness, Moh's
				hardness scale.
			09.08.2023	Di : la reporties of minerals:
TC			03.00.2020	Cleavage, fracture, tenacity, habit, odor, reserved
Ď	3rd	02P	14.08.2023	Physical properties of minerals,
AUGUST				Specific gravity, fluorescence,
				phosphorescence, magnetism.
			16.08.2023	Petrology
				Rocks and minerals with Example.
				Igneous rocks and its types & how Igneous
				Rocks are formed?
	4 TH	2P	21.08.2023	Sedimentary rocks and its types & how
				Sedimentary rocks are formed?
			23.08.2023	Metamorphic rocks and its types. & How
				Metamorphic Rocks formed?
	5 TH	1P	28.08.2023	Texture and Various textures found in Igneous
				rocks
SEPTEMBER	6 TH	NA	NA	NA
	7 TH	01	04.09.2023	Porphyritic and poikilitic texture with diagram.
	,		11.00.0002	Description of Various structure 6
	8 TH	02P	11.09.2023	Description of Various structures found in
				Igneous rocks.
			13.09.2023	Monthly Test-01
	9тн	1P	18.09.2023	Description of Various structures found in
				sedimentary rocks.
	10 TH	2P	25.09.2023	Monthly test results and discussion.
			27.09.2023	Description of Various structures found in
				metamorphic rocks.

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	11тн	1P	4.10.2023	Structural Geology Introduction to structural Geology and Description of Outcrop, bed, Dip, Strike, True dip and apparent dip with diagram
OCTOBER	12 TH	02P	09.10.2023	
	13тн	02P	11.10.2023 16.10.2023	Fold and different parts of fold with diagram.
	14TH	10	18.10.2023	Revision and Doubt Clearing class
		1P	30.10.2023	Description of different types of fold. • Types based on symmetry of fold. • Based on Thickness of fold. Types based on appearance in cross-section.
NOVEMBER	15тн	01P \	01.11.2023	Description of different types of fold. • Based on interlimb angle • Based on Attitude of fold
	16 TH	02P	06.11.2023 08.11.2023	Special types of fold. Faults and terminology of fault Description of different types of Faults with
	17 TH	02P	13.11.2023	diagram. Recognition of faults in the field. Joints and its types.
			15.11.2023	Unconformity and how the unconformities have been formed in nature.
	18 ^{тн}	02P	20.11.2023	Study of different types of unconformities Angular UnconformityDisconformityPara unconformityNon -conformity
			22.11.2023	Revision &Previous year question & Answer discussion.
	19тн	01P	29.11.2023	VERY SIMILAR TEST/MOCK TEST

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