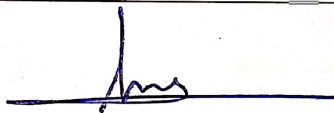


DEPARTMENT OF MINING ENGINEERING

LESSON PLAN

Discipline: MINING	Semester: 3RD	NAME OF FACULTY: TAPAS SAMAL
Subject: MINE GEOLOGY-I LAB (Pr - 2)	No of Days/Week class allotted: 6	Semester from Date: 1/08/2023 To Date: 4/12/2023 No of weeks: 15
Week	Class Day	Topics
1st	Group1(3p)	Identification of Rock forming in hand specimens. SPECIMEN 1 (TALC)
	Group2(3p)	Identification of Rock forming in hand specimens. SPECIMEN 1 (TALC)
	Group1(3p)	Identification of Rock forming in hand specimens. SPECIMEN 2 (GYPSUM)
	Group2(3p)	Identification of Rock forming in hand specimens. SPECIMEN 2 (GYPSUM)
2nd	Group1(3p)	Identification of Rock forming in hand specimens. SPECIMEN 3 (CALCITE)
	Group2(3p)	Identification of Rock forming in hand specimens. SPECIMEN 3 (CALCITE)
	Group1(3p)	Identification of Rock forming in hand specimens. SPECIMEN 4 (FLUORITE)
	Group2(3p)	Identification of Rock forming in hand specimens. SPECIMEN-4 (FLUORITE)
3rd	Group1(3p)	Identification of Rock forming in hand specimens. SPECIMEN 5 (APATITE)
	Group2(3p)	Identification of Rock forming in hand specimens. SPECIMEN 5 (APATITE)
	Group1(3p)	Identification of Rock forming in hand specimens. SPECIMEN 6 (FELDSPAR)
	Group2(3p)	Identification of Rock forming in hand specimens. SPECIMEN-6 (FELDSPAR)
4th	Group1(3p)	Identification of Rock forming in hand specimens. SPECIMEN 7 (QUARTZ)
	Group2(3p)	Identification of Rock forming in hand specimens. SPECIMEN 7 (QUARTZ)
	Group1(3p)	Identification of Rock forming in hand specimens. SPECIMEN 8 (TOPAZ)
	Group2(3p)	Identification of Rock forming in hand specimens. SPECIMEN 8 (TOPAZ)
5th	Group1(3p)	Identification of Rock forming in hand specimens. SPECIMEN 9 (CORUNDUM)
	Group2(3p)	Identification of Rock forming in hand specimens. SPECIMEN 9 (CORUNDUM)
	Group1(3p)	Identification of Rock forming in hand specimens. SPECIMEN 10 (HORNBLLENDE)
	Group2(3p)	Identification of Rock forming in hand specimens. SPECIMEN 10 (HORNBLLENDE)
	Group1(3p)	RECORD EVALUATION/SESSIONAL/VIVA VOCE
	Group2(3p)	RECORD EVALUATION/SESSIONAL/VIVA VOCE

6th	Group1(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 1 (GEOTHITE)
	Group2(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 1 (GEOTHITE)
7th	Group1(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 2 (MAGNESITE)
	Group2(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 2 (MAGNESITE)
	Group1(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 3 (PYRITE)
	Group2(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 3 (PYRITE)
8th	Group1(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN-4 (CHROMITE)
	Group2(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 4 (CHROMITE)
	Group1(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 5 (CHALCOPYRITE)
	Group2(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 5 (CHALCOPYRITE)
9th	Group1(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 6 (HEMATITE)
	Group2(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 6 (HEMATITE)
	Group1(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 7 (AZURITE)
	Group2(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 7 (AZURITE)
10th	Group1(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 8 (GALENA)
	Group2(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 8 (GALENA)
	Group1(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 9 (BARITE)
	Group2(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN 9 (BARITE)
11th	Group1(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN. 10(MAGNETITE)
	Group2(3p)	Identification of ORE forming mineral in hand specimens.SPECIMEN. 10(MAGNETITE)
	Group1(3p)	RECO EVALUATION/ SESSI AL/VIVA VOCE
	Group2(3p)	RECO EVALUATION/ SESSI AL/VIVA VOCE
12th	Group1(3p)	Analysis of thin sections of minerals under the microscopes MINERAL THIN SECTION-1(ORTHOCLASE)
	Group2(3p)	Analysis of thin sections of minerals under the microscopes MINERAL THIN SECTION-1(ORTHOCLASE)

	Group1(3p)	Analysis of thin sections of minerals under the microscopes MINERAL THIN SECTION -1(ORTHOCLASE)
	Group2(3p)	Analysis of thin sections of minerals under the microscopes MINERAL THIN SECTION-1(ORTHOCLASE)
13th	Group1(3p)	Analysis of thin sections of minerals under the microscopes MINERAL THIN SECTION -3 (QUARTZ)
	Group2(3p)	Analysis of thin sections of minerals under the microscopes MINERAL THIN SECTION-3 (QUARTZ)
	Group1(3p)	Analysis of thin sections of minerals under the microscopes MINERAL THIN SECTION -4(BIOTITE)
	Group2(3p)	Analysis of thin sections of minerals under the microscopes MINERAL THIN SECTION-4(BIOTITE)
14th	Group1(3p)	Analysis of thin sections of minerals under the microscopes MINERAL THIN SECTION -5 (TALC)
	Group2(3p)	Analysis of thin sections of minerals under the microscopes MINERAL THIN SECTION -5 (TALC)
	Group1(3p)	RECORD EVALUATION/ SESSIONAL/VIVA VOCE
	Group2(3p)	RECORD EVALUATION / SESSIONAL/VIVA VOCE
15th	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group1(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
	Group2(3p)	REDEMONSTRATION OF EXPERIMENTS/SESSIONAL/VIVA VOCE
		 Signature of Faculty