

Department of Geology
Faculty of Earth Sciences
Mohanlal Sukhadia University, Udaipur

M. Sc. Tech. (Applied Geology) - Course Structure
Under Choice Based Credit System (CBCS) w. e. f. 2020 – 2021

Core Papers

Paper Code	Paper Name
MT1GEO01-CT01	STRUCTURAL GEOLOGY AND TECTONICS
MT1GEO02-CT02	MICROPALEONTOLOGY
MT1GEO03-CT03	MINERAL EXPLORATION AND MINING GEOLOGY
MT1GEO04-CT04	MINERAL TECHNOLOGY AND MINERAL ECONOMICS
MT2GEO01-CT05	ADVANCED REMOTE SENSING IN GEOSCIENCES
MT2GEO02-CT06	ENGINEERING AND GROUND WATER GEOLOGY
MT2GEO03-CT07	PETROLEUM, COAL AND RADIOACTIVE MINERALS
MT2GEO04-CT08	OCEANOGRAPHY AND CLIMATOLOGY
MT1GEO05-CP01	Practical – I : STRUCTURAL GEOLOGY AND TECTONICS & MICROPALEONTOLOGY
MT1GEO06-CP02	Practical – II : MINERAL EXPLORATION AND MINING GEOLOGY & MINERAL TECHNOLOGY AND MINERAL ECONOMICS
MT2GEO05-CP03	Practical – III : ADVANCED REMOTE SENSING IN GEOSCIENCES & ENGINEERING AND GROUND WATER GEOLOGY
MT2GEO06-CP04	Practical – IV : PETROLEUM, COAL AND RADIOACTIVE MINERALS & OCEANOGRAPHY AND CLIMATOLOGY

Skill Paper

Paper Code	Paper Name
MT2GEO07-SE01	Geological and Mining Consultancy

Checked and Approved
(-sd)

(Dr. Maya Chaudhary)

Checked and Approved
(-sd)

(Dr. Harish Kapasya)

Checked and approved
(-sd)

(Mr. Subhash Chandra Janagal)

**M. Sc. Tech. (Semester II) 2020-21
APPLIED GEOLOGY**

MT2GEO07-SE01 Skill Course Elective – Geological & Mining Consultancy No. of Credits : 2

Elements of Geological and Structural Mapping

Surveying Techniques

Rules and Regulation related to granting of P.L./M.L

Procedure to obtain mining lease and NOCs from related organizations

Preparation of Mine Plan / Environmental Clearance Report (EC)

Procedure of Public Hearing

**Checked and Approved
(-sd)**

(Dr. Maya Chaudhary)

**Checked and Approved
(-sd)**

(Dr. Harish Kapasya)

**Checked and approved
(-sd)**

(Mr. Subhash Chandra Janagal)