



Department of Civil Engineering

Academic Year 2024-25

Semester- EVEN

Structure of Course

Class	SY. Sem. –IV
Course Code and Course Title	BTCVC406 Engineering Geology
Prerequisite/s	
Teaching Scheme: Lecture/Tutorial/Practical	03/00/00
Credits	03
Evaluation Scheme: CA / MSE / ESE	20/20/60

Course Outcomes:

Course Outcomes (COs):	Blooms Level
Upon successful completion of this course, the student will be able to:	

BTCVC406_1	Identify the different land forms which are formed by various geological agents.	L3
BTCVC406_2	Identify the origin, texture and structure of various rocks and physical properties of mineral.	L3
BTCVC406_3	Categorize distinct geological structures which have influence on the civil engineering structure.	L4
BTCVC406_4	Explain how the various geological conditions affect the design parameters of structures.	L2

Mapping of CO's with PO's and PSO's:

Course Outcomes	Programme Outcomes														
	1	2	3	4	5	6	7	8	9	10	11	12	PSO 1	PSO 2	PSO 3
BTCVC406_1	2	2				2	2					2	2	2	2
BTCVC406_2	2	2				2	2					2	1	2	2
BTCVC406_3	2	2				2	2					2	2	3	2
BTCVC406_4	2	2				2	2					2	3	2	2
Total	8	8				8	8					8	8	9	8
Average	2	2				2	2					2	2	2.25	2
BTCVC406	2	2				2	2					2	2	2.5	2

Prepared by
Course Coordinator

Verified by
Academic Coordinator

Approved by
HOD- Civil

Vision of the Department

To become centre of excellence by producing Civil engineers having research and development activity, sound technical knowledge, professional skills and social awareness to serve society.

Mission of the Department

We, at Department of Civil Engineering, are committed to achieve our vision by-
M1: To impart quality technical education through interactive teaching learning method.
M2: To promote research and development activity by encouraging creativity and exposure to real world problem.
M3: To mentor students for innovating thinking with relevance to entrepreneurship
M4: To develop social awareness in graduates to serve society.