

GUJARAT TECHNOLOGICAL UNIVERSITY

B.E Semester: 4

MINING ENGINEERING

Subject Name: Mineral Transport Engineering (Institute Elective-I)

Sr. No.	Course content
1.	Concept of Mineral Transport System, various problems & remedies.
2.	Choice of mode of transport system- Surface & underground.
3.	Different transport system used in underground mining.
4.	Different transport system used in surface mining.
5.	CONVEYORS: Purpose, Construction, Carrying capacity of conveyor High angle Conveyor.
6.	HAULAGES: Applicability conditions, different types, Construction features, merits & demerits, Safety features.
7.	AERIAL ROPEWAY: various types, Construction features, merits & demerits, Applicability conditions.
8.	TRUCK & DUMPERS: Various types, Construction features, Safety features & Applicability conditions.