



GUJARAT TECHNOLOGICAL UNIVERSITY

Bachelor of Engineering
Subject Code:3152207
Semester – V
Subject Name: Mine Legislation

Type of course: Regular Prerequisite:

Zeal to learn the subject

Rationale: The course is designed to help the student in understanding the different statutory provisions of mines Acts, Rules and Regulations essential for mining industries for maintaining law and order as well as safe working conditions in mining areas This course is helpful in grasping the idea about the seriousness of issues related with mining industries the social and environmental impact and the impact of these laws which are important for maintaining good management in mines.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
			ESE (E)	PA (M)	ESE (V)	PA (I)		
3	0	0	3	70	30	0	0	100

Content:

Sr. No.	Content	Total Hrs	Weightage (%)
1	Introduction: General Principles of Mining laws, Legislations and policy of Indian Mines. Salient provisions of the mines.	06	10
2	Mines and Minerals (Regulations and Development) Act and related rules, Mineral Concession rules, Mineral Conservation and Development rules, Mines Act, Mine Rules, Coal Mines Regulations, Metal Mines Regulations	20	40
3	Vocational Training rule, Mine Creche rules, Maternity benefit act, Mine Rescue Rules, Explosive Act, Environmental protection act, Indian electricity rules, Pithead bath rules.	20	40



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Suggested Specification table with Marks (Theory):

Distribution of Theory Marks					
R Level	U Level	A Level	N Level	E Level	C Level
64 %	18 %	12 %	02 %	02 %	02 %

Legends: R: Remembrance; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books:

1. Mines Act 1952, Lovely Prakashan, Dhanbad, 1995.
2. Mineral Concession Rules, 1960
3. Mineral Conservation and Development Rules, 2017
4. Mines and Minerals (Development and Regulations) Act, 1957
5. National Mineral Policy
6. Coal Mines Regulations, Lovely Prakashan, Dhanbad, 2017
7. Metal Mines Regulations, 1961, Lovely Prakashan, Dhanbad, 1995.
8. Mines rules, 1955, Lovely Prakashan, Dhanbad, 1995.
9. Mine Creach Rules
10. The Mines Rescue Rules, 1986, Lovely Prakashan, Dhanbad, 1995.
11. The Indian Electricity Rules, 1995, Lovely Prakashan, Dhanbad, 1995.
12. The Payment of Wages Act, 1936, Ram Narain Lal Beni Prasad, 1995.
13. Mine Vocational Training Rules, Lovely Prakashan, Dhanbad, 1995.

Course Outcomes:

The student after undergoing this course will be able to:

1. The students will be conversant with legal requirements and follow the statutory norms during various mining and associated activities.
2. The student can familiar with various mines acts, rules and regulations which will be helpful in the field of Mining.

List of Open Source learning website:

1. <https://www.coal.nic.in/content/acts-rules-policies>
2. <http://ibm.nic.in/index.php?c=pages&m=index&id=89&mid=23896>
3. <http://www.dgms.gov.in/>
4. <https://dipp.gov.in/whats-new/explosives-amendment-rules-2019>
5. <http://www.derc.gov.in/ActsPolicies/ActsPolicesfiles/ier1956.pdf>
6. <https://www.dgms.net/mvtr.pdf>
7. <https://minersmansion.weebly.com/mine-legislation-books.html>



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8. <https://cgm.gujarat.gov.in/>
9. <https://www.youtube.com/watch?v=83zSBx3cIJE>
10. <https://www.youtube.com/watch?v=x6DkxIv2kAE>

ACTIVE LEARNING ASSIGNMENTS:

Preparation of power-point slides, which include videos, animations, pictures, graphics for better understanding theory and practical work – The faculty will allocate chapters/ parts of chapters to groups of students so that the entire syllabus to be covered. The power-point slides should be put up on the web-site of the College/ Institute, along with the names of the students of the group, the name of the faculty, Department and College on the first slide. The best three works should submit to GTU.