

Discipline	Semesters	Name of the Teaching Faculty
Subject	5th	Rudra Mohan Nayak
1st - Mine	No. of Days per week	Semester Form date - 15/09/2022
Legislation	34	To date - 21/01/2023
General Safety - 1	Week	No. of weeks - 15
1st	Classes/Day	Theory
Mine Act 1952	1st	Section 1, Section 2, Section 3
	2nd	Section 5, Chief Inspector and Inspectors
	3rd	Section 6 - Functions of Inspectors
	4th	Section 7 - Powers of Inspectors on mine
	5th	Section 10 - Recovery of Information obtained
	1st	Section 11 - Certifying Supervisors
	2nd	Section 12 - Committees
	3rd	Section 14 - Functions of the Committee
	4th	Mining Operation & Management of Mine
	1st	Section 16(1), Section 17(1), Section 18(1)
	2nd	Provision as to health and safety
	3rd	Section 19, Section 20, Section 21, Section 23
	4th	Hours and Limitation of Employment
	1st	Section 28, Section 31
	2nd	Provision as to health and safety
	3rd	Section 46 - Employment of women

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	3 rd	Section 52 - Leave with wages Regulation Rules and Bye laws (Section 57)
4 th	1 st	penalties and procedure, Section (63), Section (66)
	2 nd	Forms 600 mines Act.
Mine Rules 1955	3 rd	Preliminary - Section - 1, Section - 2
	4 th	Committees - Section 9 to Section 20 Court of Inquiry - Section 21, Section 22
5 th	1 st	Certifying surgeons, Section - 23 to Section 25 Medical Examination of Person employed or to be Employed - Section 26(A) to Section 29(P)
	2 nd	Workmen's Inspector and Safety Committee Section - 29(Q) to Section - 29(W)
	3 rd	Health and sanitation provisions Section 30 to Section 39
	4 th	First Aid and medical Appliances Section - 40 to Section 45
6 th	1 st	Employment of Persons, Section 46 to Section 52
	2 nd	Leave with wages and over time Section - 53 to Section - 61
		Welfare amenities Section - 62 to Section - 64

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3 rd	Registers, notices & returns section-75 to section-79
4 th	Miscellaneous section 80 to section 83 Rescission and savings section 84
7 th	Coal mines Regulation 2017
1 st	Preliminary - section-1, section-2
2 nd	Returns, notices and reports - section 3 to section 9
3 rd	Examinations & certificates of competency and fitness - section 10 - section 25
4 th	Inspectors and mine officials - section 26 to section 26
8 th	Duties & responsibilities of mine management, contractors, manufacturers, officials, competent persons and workmen section 37 to section - 50
2 nd	do - section-51 to section 63
3 rd	plans & sections - 64 to 70
4 th	Means of access & egress, section 71 to section 75
7 th	Winding in shafts section 76 to section 91
2 nd	Haulage, section 92 to section 103
3 rd	Mine working - section 104 to section 132

	4th	Precautions against dangers from fire, Dust, Gas and water - Section 133 to section 152
10th	1st	Ventilation - Section 153 to section 173
	2nd	Lighting and safety lamps - Section 174 to section 182
	3rd	Explosives and shot firing - Section 183 to section 207
	4th	Machinery, Plant and equipment - Section 208 - Section 217
11th	1st	Extractions of Methane from crushing coal mine or abandoned coal mine - Section 218 to section 226
	2nd	Miscellaneous - Section 227 to section 260
Mines Rescue Rules 1985	3rd	Preliminary - Section 1, Section 2 Rescue stations and rescue teams - section 3 to section -11
	4th	Duties and responsibilities of Superintendents etc. Section 12 to section 16
12th	1st	Organization and equipment in mines - Section 17 - Section 23
	2nd	Conduct of rescue work, section 24 to section 33
	3rd	Miscellaneous - Section 34 to section 38

Indian Explosive Rules 2008	1 st	Preliminary, Section - 1 to Section 3 Classification, categorization and Authorization Section 4 - to section 6
13 th	1 st	General Provisions - Section 7 to Section 15
	2 nd	Special Provisions for manufacture of explosives Section 26 to section 42
	3 rd	Special Provisions for import or export of explosives General (Section 43 to Section 46). Special Provisions for Transportation of Explosives General Section 47 to section 70
	4 th	Special Provisions for possession, sale and use of explosives. Section 71 to section 85
14 th	1 st	Grant or refusal or approval, no objection certificate, licence, certificates, amendment Transfer and renewal - Section 99 to section 124
etc.	2 nd	powers vested with Authorities (Section 125 to section 129), Accidents enquiries & Reports (Section 131 to section 134) Administrative and Penal Actions (Section - 135 to section 139)
Central Electricity Authorities 2010	3 rd	Preliminary - Section 1, section 2 Designating Persons to operate and carry out the work on electrical lines & apparatuses Section 3 to section 15

4th General Safety requirements - section - 12 to section 32 . General conditions relating to supply and use of electricity . section 32 to section 39

15th

1st

Safety provisions for electrical installations and apparatus to voltage not exceeding 650 Volts - section 40 to section 42 .

Safety provisions for electrical installations and apparatus of voltage exceeding 650 Volts section 43 to section 54

2nd

Safety requirements for overhead lines underground cables and generating stations section 55 to section 77

3rd

Safety requirements for electric Traction section 78 to section 92

4th

Safety requirements for mines and oil fields - section 93 to section 115
Miscellaneous, section - 116