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Scheme of Studies and Examination
B.TECH (Mining Engineering) – 4th Semester
w.e.f. 2024-25

Sr. No.	Category	Course Code	Course Title	Hours per week			Total Contact Hrs. per week	Credit	Examination Schedule (Marks)				Duration of Exam (Hours)
				L	T	P			Internal Assessment	External Examination	Practical	Total	
1	Engineering Science Course	ESC-MN-302G	Numerical Methods	3	0	0	3	3	25	75		100	3
2	Professional Core Course	PCC-MN-304G	Mining Geology-II	3	0	0	3	3	25	75		100	3
3	Professional Core Course	PCC-MN-306G	Mine Development	3	0	0	3	3	25	75		100	3
4	Engineering Science Course	ESC-MN-308G	Fluid Mechanics	3	0	0	3	3	25	75		100	3
5	Engineering Science Course	ESC-MN-310G	Industrial Electronics	3	0	0	3	3	25	75		100	3
6	Professional Core Course	PCC-MN-312G	Surveying-II	3	0	0	3	3	25	75		100	3
7	Professional Core Course	LC-MN-314G	Mining Geology-II Lab	0	0	4	4	2	25		25	50	3
8	Professional Core Course	LC-MN-316G	Fluid Mechanics Lab	0	0	3	3	1.5	25		25	50	3
9	Professional Core Course	LC-MN-318G	Industrial Electronics Lab	0	0	3	3	1.5	25		25	50	3
10	Professional Core Course	LC-MN-320G	Surveying-II Lab	0	0	3	2	1	25		25	50	3
11	Mandatory Courses	MC-UHV-II	Universal Human Values II : Universal Harmony	2	1	0	3		25	75			
TOTAL								24				800	

Note:1. Each student has to undergo practical training of 4/6 weeks in an Industry/ Institute/ Professional Organization/ Research Laboratory, training centre etc and its evaluation shall be carried out in the V semester on the basis of seminar, viva-voce, report and certificate of practical training obtained by the student.

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