

**MAHARSHI DAYANAND UNIVERSITY, ROHTAK**

**SCHEME OF STUDIES AND EXAMINATION**

**Bachelor of Technology (Civil Engineering) Scheme effective from 2019-20**

**SEMESTER 3<sup>rd</sup>**

Sr. No.	Course Code	Course Title	Hours per week	Cont act hours per week	Cre d i t	Examination Schedule (Marks)				Duration of Exam (Hours)
			L-T-P			Class work	Theory	Practical	Total	
1.	HSMC-201-G	Economics For Engineers	2-0-0	2	2	25	75	-	100	3
2.	PCC-201-G	Introduction to Civil Engineering	2-0-0	2	2	25	75	-	100	3
3.	BSC-Math-205-G	Mathematics III	2-1-0	3	3	25	75	-	100	3
4.	PCC-203-G	Engineering Mechanics	3-1-0	4	4	25	75	-	100	3
5.	*MC-106-G	Environmental Science	3-0-1	4	0	25	75	-	--	3
6.	PCC-CE-205-G	Fluid Mechanics	2-1-0	3	3	25	75	-	100	3
7.	PCC-CE-207-G	Surveying	2-1-0	3	3	25	75	-	100	3
8.	LC-CE-209-G	Building Drawing lab	0-0-2	2	1	25	-	25	50	3
9.	LC-CE-211-G	Engineering Mechanics Lab.	0-0-2	2	1	25	-	25	50	3
10.	LC-CE-213-G	Fluid Mechanics Lab.	0-0-2	2	1	25	-	25	50	3
11.	LC-CE-215-G	Surveying Lab.	0-0-2	2	1	25	-	25	50	3
<b>TOTAL</b>					<b>21</b>					

**MC-106G** is a mandatory non –credit course in which the students will be required passing marks in theory.

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Sr. No.	Course Code	Course Title	Hours per week	Contact hours per week	Credit	Examination Schedule (Marks)				Duration of Exam (Hours)	
			L-T-P			Class work	Theory	Practical	Total		
1.	HSMC-202-G	Organization Behavior	3-0-0	3	3	25	75	-	100	3	
2.	PCC-CE-202-G	Hydraulic engineering	3-1-0	4	4	25	75	-	100	3	
3.	PCC-CE-204-G	Design of concrete structure	3-1-0	4	4	25	75	-	100	3	
4.	PCC-CE-206-G	Structural Analysis	2-1-0	3	3	25	75	-	100	3	
5.	PCC –CE-208-G	Geomatics & Aerial surveying	3-1-0	4	4	25	75	-	100	3	
6.	PCC-CE-210-G	Material Testing & Evaluation	3-0-0	3	3	25	75	-	100	3	
7.	LC-CE-212-G	Hydraulic engineering lab	0-0-2	2	1	25	-	25	50	3	
8.	LC-CE-214-G	Structural Analysis Lab	0-0-2	2	1	25	-	25	50	3	
9.	LC-CE-216-G	Geomatics & Aerial surveying Lab.	0-0-2	2	1	25	-	25	50	3	
10.	LC-CE-218-G	Material Testing & Evaluation Lab.	0-0-2	2	1	25	-	25	50	3	
<b>TOTAL</b>					<b>25</b>						

**Note:**

1. Students will be allowed to use non-programmable scientific calculator. However, sharing of Calculator and other materials will not be permitted in the examination.
2. (A) 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.