

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI
(C.G.)
Scheme of Teaching & Examination
M. Tech. (Industrial Safety Engineering)
I Semester

S. No.	Board of Study	Subject Code	Subject	Periods per Week			Scheme of Examination			Total Marks	Credit L+(T+P)/2
				L	T	P	Theory / Practical				
							ESE	CT	TA		
1	Mechanical Engg.	586111(37)	Safety Management	3	1	-	100	20	20	140	4
2	Mechanical Engg.	586112(37)	Occupational Health and Hygiene	3	1	-	100	20	20	140	4
3	Mechanical Engg.	586113(37)	Safety in Engineering Industry	3	1	-	100	20	20	140	4
4	Mechanical Engg.	586114(37)	Regulation for Health, Safety and Environment	3	1	-	100	20	20	140	4
5	Mechanical Engg.	586115(37)	Pollution Control in Industries	3	1	-	100	20	20	140	4
6	Mechanical Engg.	586121(37)	Occupational Health and Hygiene Lab.	-	-	3	75	-	75	150	2
7	Mechanical Engg.	586122(37)	Workshop Technology Lab.	-	-	3	75	-	75	150	2
Total				15	5	6	650	100	250	1000	24

L- Lecture
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II Semester

S. No.	Board of Study	Subject Code	Subject	Periods per Week			Scheme of Examination			Total Marks	Credit L+(T+P)/2
				L	T	P	Theory / Practical				
							ESE	CT	TA		
1	Mechanical Engg.	586211(37)	Computer Aided Risk Analysis	3	1	-	100	20	20	140	4
2	Mechanical Engg.	586212(37)	Safety in Chemical Industry	3	1	-	100	20	20	140	4
3	Mechanical Engg.	586213(37)	Fire Engineering and Explosion Control	3	1	-	100	20	20	140	4
4	Mechanical Engg.	586214(37)	Safety in Material Handling	3	1	-	100	20	20	140	4
5	Refer Table II		Elective - 1	3	1	-	100	20	20	140	4
6	Mechanical Engg.	586221(37)	Industrial Safety Lab.	-	-	3	75	-	75	150	2
7	Mechanical Engg.	586222(37)	CAD / CAM / CAE Technology Lab.	-	-	3	75	-	75	150	2
Total				15	5	6	650	100	250	1000	24

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Table – II

ELECTIVE - II			
S. No.	Board of Study	Subject Code	Subject
1	Mechanical Engg.	586231(37)	Industrial noise and Vibration Control
2	Mechanical Engg.	586232(37)	Electrical Safety
3	Mechanical Engg.	586233(37)	Safety in construction

Note (1) – 1/4th of total strength of students subject to minimum of twenty students is required to offer an elective in the college in a Particular academic session .

Note (2) – Choice of elective course once made for an examination cannot be changed in future examinations.

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III Semester

S. No.	Board of Study	Subject Code	Subject	Periods per Week			Scheme of Examination			Total Marks	Credit L+(T+P)/2
							Theory / Practical				
				L	T	P	ESE	CT	TA		
1	Mechanical Engg.	586311(37)	Disaster Control & Emergency Planning	3	1	-	100	20	20	140	4
2	Mechanical Engg.	586312(37)	Corrosion Engineering	3	1	-	100	20	20	140	4
3	Mechanical Engg.	586321(37)	Preliminary work on Dissertation	-	-	28	100	-	100	200	14
4	Mechanical Engg.	586322(37)	Seminar on Industrial Training and Dissertation	-	-	03	-	-	20	20	2
Total				6	2	31	300	40	160	500	24

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IV Semester

S. No.	Board of Study	Subject Code	Subject	Periods per Week			Scheme of Examination			Total Marks	Credit L+(T+P)/2
				L	T	P	Theory / Practical				
							ESE	CT	TA		
1	Mechanical Engg.	586421(37)	Project + Seminar	6	-	34	300	-	200	500	23
Total				6	-	34	300	-	200	500	23

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Scheme of marks Allotment

Semester	Total Marks	Grand Total
I	1000	3000
II	1000	
III	500	
IV	500	