Chhattisgarh Swami Vivekanand Technical University, Bhilai (C.G.)

SCHEME OF TEACHING & EXAMINATION

B.E. VII SEMESTER MECHANICAL ENGINEERING

S. No.	Board of Study	Sub. Code	SUBJECT	PERIODS PER WEEK			SCHEME OF EXAM Theory/Practical			Total Marks	Credit L+(T+P)/2
				L	T	P	ESE	CT	TA		
1.	Mech. Engg	337731(37)	Automobile Engineering	3	1	–	80	20	20	120	4
2.	Mech. Engg	337732(37)	Refrigeration & Air-conditioning	4	1	–	80	20	20	120	5
3.	Mech. Engg	337733(37)	Computer Aided Design & Manufacturing	4	1	–	80	20	20	120	5
4	Mech. Engg	337734(37)	Machine Tool Technology	4	1	–	80	20	20	120	5
5	Refer Table – II		Professional Elective-II	4	1	–	80	20	20	120	5
6	Mech. Engg	337761(37)	Automobile Engineering Lab	–	–	3	40	–	20	60	2
7	Mech. Engg	337762(37)	Refrigeration & Air-conditioning Lab	–	–	3	40	–	20	60	2
8	Mech. Engg	337763(37)	Computer Aided Design and Manufacturing Lab	–	–	3	40	–	20	60	2
9	Mech. Engg	337764(37)	Minor Project	–	–	3	100	–	40	140	2
10	Management	337765(76)	Innovative & Entrepreneurial Skills	–	–	2	–	–	40	40	1
11	Mech. Engg	337766(37)	** Practical Training Evolution/ Library	–	–	1	–	–	40	40	1
			Total	19	5	15	620	100	280	1000	34

L – Lecture,   T – Tutorial,   P – Practical,
ESE – End Semester Exam,   CT – Class Test,   TA – Teacher's Assessment

**To be completed after VI semester and before the commencement of VII Semester.

Table – II
Professional Elective – II

S.No.	Branch	Subject Code	Subject
1	Mechanical	337741(37)	Quality Control & Total Quality Management
2	Mechanical	337742(37)	Energy Management & Audit
3	Mechanical	337743(37)	Applied Elasticity & Plasticity
4	Mechanical	337744(37)	Product Design & Development
5	Mechanical	337745(37)	Numerical Control of Machines Tools
6	Mechanical	337746(37)	Thermal System Design
7	Mechanical	337747(37)	Cyber Security/Information Security

Note: (1)   1/4th of total strength of students subject to minimum of 20 students is required to offer and 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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