

**Chhattisgarh Swami Vivekanand Technical University,
Bhilai (C.G.)**
SCHEME OF TEACHING & EXAMINATION
B.E. VII SEMESTER MECHANICAL ENGINEERING

Sl. No.	Branch of Study	Sub. Code	SUBJECT	PERIODS PER WEEK			SCHEME OF EXAM			Total Mar- ks	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/Evaluation/Literary	—	—	1	—	—	40	40	1	
				Total	19	5	15	620	160	290	1680	34

L – Lecture,

T – Tutorial,

P – Practical,

ESE – End Semester Exam,

CT – Class Test,

TA – Teacher's Assessment

**To be completed after VII semester and before the commencement of VIII 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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Budget Memorandum Maharashtra (India),1977 **Master Plan for Industrialisation of Bombay State** Bombay (India : State). Dept. of Industries,1960 *Publication* , **Mechanical Handling and Works Equipment** ,1921
Computer Education in India Utpal Kumar Banerjee,1996 Contributed articles District Census Handbook [Maharashtra] Census of India, 1961 [v.10]: Sholapur India (Republic). Superintendent of Census Operations, Maharashtra,1967 **District Census Handbook, [Maharashtra]: Thana** India Superintendent of Census Operations, Maharashtra,1967 **Ahmadnagar** India. Superintendent of Census Operations (Maharashtra, India),1967
Commonwealth Universities Yearbook ,1969 A directory to the universities of the Commonwealth and the handbook of their association *The Directory of Indian Higher Educational Institutions* Padala Padmavathi,1970 *District Census Handbook, [Maharashtra]: Yeotmal* India. Superintendent of Census Operations, Maharashtra,1963 **Journal of the Institution of Mechanical Engineers (including the Proceedings)** Institution of Mechanical Engineers (Great Britain),1951 **Pamphlet** ,1948 **Sholapur City: Socio-economic Studies** Dhananjaya Ramchandra Gadgil,1965 Sholapur city India Survey of population data enterprises industries wholesale trade retail trade occupational structure incomes social structure and housing Annual Catalogue Massachusetts Institute of Technology,1899 Men of Sciences & Technology in India Raj K. Khosla,1967 *Men of Sciences & Technology in India* ,1964 **Facilities for Technical Education in India** All-India Council for Technical Education,1948

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