

Chhattisgarh Swami Vivekanand Technical University, Bhilai

SCHEME OF TEACHING AND EXAMINATION

M. E. Mechanical Engineering (Thermal Engineering)

IInd Semester

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.	Mechanical Engg	564211 (37)	Modeling & Simulation of Thermal Systems	3	1	,	100	20	20	140	4
2.	Mechanical Engg	564212 (37)	Experimental Methods in Thermal Engineering	3	1	,	100	20	20	140	4
3.	Mechanical Engg	564213 (37)	Energy Management	3	1	,	100	20	20	140	4
4.	Mechanical Engg	564214 (37)	Refrigeration & Air Conditioning System Design	3	1	,	100	20	20	140	4
5.	Elective – II			3	1	,	100	20	20	140	4
6.	Mechanical Engg	564221 (37)	Instrumentation Lab	,	,	3	75	,	75	150	2
7.	Mechanical Engg	564222 (37)	Modeling & Simulation Lab	,	,	3	75	,	75	150	2
Total				15	5	6	650	100	250	1000	24

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

**Table, II
List of Electives, II**

Elective - II			
S.No.	Board of Study	Subject Code	Subject
1	Mechanical Engg	564231 (37)	Boundary layer Theory
2	Mechanical Engg	564232 (37)	Two Phase Flow & Heat Transfer
3	Mechanical Engg	564233 (37)	Advance Gas Dynamics
4	Mechanical Engg	564234 (37)	Theory of Combustion & Emission

Note (1) - 1/4th of total strength of students subject 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.