

Chhattisgarh Swami Vivekanand Technical University, Bhilai

SCHEME OF TEACHING AND EXAMINATION

M. E. Mechanical Engineering (Thermal Engineering)

1st 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	564111 (37)	Numerical Methods in Thermal Engineering	3	1	,	100	20	20	140	4
2.	Mechanical Engg	564112 (37)	Advanced Thermodynamics	3	1	,	100	20	20	140	4
3.	Mechanical Engg	564113 (37)	Advance Fluid Mechanics	3	1	,	100	20	20	140	4
4.	Mechanical Engg	564114 (37)	Advanced Heat Transfer	3	1	,	100	20	20	140	4
5.	Elective - I			3	1	,	100	20	20	140	4
6.	Mechanical Engg	564121 (37)	Computational Fluid Flow & Heat Transfer Lab	,	,	3	75	,	75	150	2
7.	Mechanical Engg	564122 (37)	Experiments in Thermal Engineering	,	,	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,I
List of Electives,I

Elective , I			
S.No.	Board of Study	Subject Code	Subject
1	Mechanical Engee.	564131 (37)	Design of Heat Exchangers
2	Mechanical Engee.	564132 (37)	Fluid Power Engineering
3	Mechanical Engee.	564133 (37)	Advanced I.C. Engines Technology
4	Mechanical Engee.	564134 (37)	Non Conventional Energy Systems.

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