



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

SCHEME OF TEACHING AND EXAMINATION

B.Tech (Third Semester – Automobile Engineering)

Sl. No.	Board of Studies (BOS)	Courses (Subject)	Course Code	Period per Week			Scheme of Examination			Total Marks	Credit
				L	T	P	Theory/Lab				
							ESE	CT	TA		
1.	Basic Science	Mathematics - III	B000311(014)	3	1	-	100	20	30	150	4
2.	Mechanical Engg.	Engineering Thermodynamics	B082312(037)	3	1	-	100	20	30	150	4
3.	Mechanical Engg.	Mechanics of Solids	B082313(037)	3	1	-	100	20	30	150	4
4.	Automobile Engg.	Automotive Petrol Engines	B082314(082)	2	1	-	100	20	30	150	3
5.	Automobile Engg.	Two & Three Wheelers	B082315(082)	2	-	-	100	20	30	150	2
6.	Mechanical Engg	Material Testing Lab	B082321(037)	-	-	2	40	-	20	60	1
7.	Mechanical Engg	Engineering Thermodynamics Lab	B082322(037)	-	-	2	40	-	20	60	1
8.	Automobile Engg.	Two & Three Wheelers Lab	B082323(082)	-	-	2	40	-	20	60	1
9.	Automobile Engg	Software Lab	B082324(082)	-	-	2	40	-	20	60	1
10.	Humanities	Personality Development	B000306(046)	-	-	2	-	-	10	10	-
Total Marks				13	4	10	660	100	240	1000	21

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



Chhattisgarh Swami Vivekanand Technical University (CSVTU), Bhilai (CG)

SCHEME OF TEACHING AND EXAMINATION

B Tech (Fourth Semester - Automobile Engineering)

Sl. No.	Board of Studies (BOS)	Courses (Subject)	Course Code	Period per Week			Scheme of Examination			Total Marks	Credit
				L	T	P	Theory/Lab				
							ESE	CT	TA		
1.	Mechanical	Fluid Mechanics	B037412(037)	3	1	-	100	20	30	150	4
2.	Automobile	Automotive Diesel Engines	B037413(082)	3	1	-	100	20	30	150	4
3.	Mechanical	Applied Thermodynamics	B037411(037)	3	1	-	100	20	30	150	4
4.	Mechanical	Kinematics of Machines	B037415(037)	2	1	-	100	20	30	150	3
5.	Automobile	Automotive Chassis	B037414(082)	2	0	-	100	20	30	150	2
6.	Mechanical	Fluid Mechanics Lab	B037421(037)	-	-	2	40	-	20	60	1
7.	Automobile	Automotive Petrol & Diesel Engine Lab	B037422(082)	-	-	2	40	-	20	60	1
8.	Automobile	Automotive Chassis Lab	B037423(082)	-	-	2	40	-	20	60	1
9.	Automobile	Virtual Lab	B037424(082)	-	-	2	40	-	20	60	1
10.	Non-Credit	Indian Culture and Constitution of India	B000406(046)	-	-	2	-	-	10	10	-
Total				13	4	10	660	100	240	1000	21

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

Note:

1. Duration of End Semester Exam of all theory papers will be of Three Hours.
2. Industrial Training of eight weeks is mandatory for B.Tech.. Student. It is to be completed in two parts.
 - The first part will be in summer after IV semester after which students have to submit a training report which will be evaluated by the college teachers during B.E. V semester.



Chhattisgarh Swami Vivekanand Technical University (CSVTU, NEWAI (C.G.))

SCHEME OF TEACHING AND EXAMINATION

B Tech (Fifth Semester - AUTOMOBILE ENGINEERING)

Sl. No.	Board of Studies	Courses (Subject)	Course Code	Period per Week			Theory/Lab			Total Marks	Credits
				L	T	P	ESE	CT	TA		
				1.	Mechanical	Design of Machine Elements	C037515(037)	3	1		
2.	Automobile Engg.	Automotive Electricals & Electronics	C082511(082)	3	1	-	100	20	30	150	4
3.	Mechanical	Dynamics of Machines	C037514(037)	3	1	-	100	20	30	150	4
4.	Mechanical	Operation Research	C037516(037)	2	1	-	100	20	30	150	3
5.	Professional Elective -I (Refer Table I)			2	0	-	100	20	30	150	2
6.	Mechanical	Design of Machine Elements Lab	C037525(037)	-	-	2	40	-	20	60	1
7.	Automobile Engg.	Automotive Electrical & Electronics Lab	C082521(082)	-	-	2	40	-	20	60	1
8.	Mechanical	Dynamics of Machines Lab	C037522(037)	-	-	2	40	-	20	60	1
9.	Automobile Engg.	Project-I based on Summer Internship/ Industrial Training	C082523(082)	-	-	2	40	-	20	60	1
10.	Civil Engg.	Environmental Studies	C000506(020)	-	-	2	-	-	10	10	-
Total				13	4	10	660	100	240	1000	21

L – Lecturer
P – Practical,
TA – Teacher’s Assessment

T – Tutorial,
ESE – End Semester Exam,

CT –Class Test

Table I (Professional Elective I

S.N.	Board of Studies	Course Code	Subject
1.	Automobile Engg.	C082531(082)	Engine Auxillary Systems
2.	Automobile Engg.	C082532(082)	Maintenance and Reliability
3.	Automobile Engg.	C082533(082)	Vehicle Transport Management

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.

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