

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY

**Courses of Study and Scheme of Examination of B.E. First Year (2005-06)
Common to all branches of Engineering except Bio-Tech. & Bio-Medical Engg.**

FIRST SEMESTER

S.No	Board of Study	Subject Code	Subject	Periods Per Week			Scheme of Examination			Total Marks	Credit [L+{T+P}]/2
				L	T	P	Theory				
							ESE	CT	TA		
1	Humanities	300111(46)	Language (Professional communication in English)	2	1	-	80	20	20	120	3
2	Basic Sciences	300112(11)	Applied Chemistry	3	1	-	80	20	20	120	4
3	Basic Sciences	300113(15)	Applied Physics-I	3	1	-	80	20	20	120	4
4	Basic Sciences	300114(14)	Applied Maths-I	4	1	-	80	20	20	120	5
5	Elect. Engg.	300115(24)	Basic Electrical Engg.	4	1	-	80	20	20	120	5
6	Mech. Engg.	300116(37)	Engg. Mechanics	3	1	-	80	20	20	120	4
7	Basic Sciences	300121(11)	Applied Chemistry LAB	-	-	2	40	-	20	60	1
8	Elect. Engg.	300122(24)	Basic Electrical Engineering LAB	-	-	2	40	-	20	60	1
9	Mech. Engg.	300123(37)	Engg. Mechanics LAB	-	-	2	40	-	20	60	1
10	Mech. Engg.	300124(37)	Workshop	-	-	6	40	-	20	60	3
11	Humanities	300125(46)	Communication Skills	-	-	2	-	-	40	40	1
12			Library	-	-	1	-	-	-	-	-
TOTAL				19	6	15	640	120	240	1000	32

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

Note: (i) The teaching in the 1st and 2nd semester will be divided in two groups consisting of various branches as shown below: P1-GROUP: Electronics & Communication, Information Technology, Electronics & Instrumentation, Electrical, Chemical, Electrical & Electronics; Q1-GROUP: Computer Science, Mechanical, Civil, Mining and Applied Electronics & Instrumentation, Metallurgy.

(ii) Applied Maths - I will be taught to both the groups.



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SECOND SEMESTER

S.No	Board of Study	Subject Code	Subject	Periods Per Week			Scheme of Examination			Total Marks	Credit [L+[T+P]] 2
				L	T	P	Theory				
							ESE	CT	TA		
1	Mech. Engg.	300211(37)	Engg. Graphics	2	-	-	80	20	20	120	2
2	Basic Sciences	300212(11)	Environment & Ecology	3	1	-	80	20	20	120	4
3	Basic Sciences	300213(15)	Applied Physics-II	3	1	-	80	20	20	120	4
4	Basic Sciences	300214(14)	Applied Maths – II	4	1	-	80	20	20	120	5
5	Mech. Engg.	300215(37)	Basic Mechanical Engg.	4	1	-	80	20	20	120	5
6	Civil Engg.	300216(20)	Basic Civil Engg.	3	1	-	80	20	20	120	4
7	Mech. Engg.	300224(37)	Engg. Graphics LAB	-	-	4	40	-	20	60	2
8	Basic Sciences	300222(15)	Applied Physics-II LAB	-	-	2	40	-	20	60	1
9	Civil Engg.	300223(20)	Basic Civil Engg. LAB	-	-	2	40	-	20	60	1
10	Computer Sc. & Engg.	300225(22)	Introduction to Computing LAB	-	1	4	40	-	20	60	3
11	Humanities	300226(46)	Group Discussion	-	-	2	-	-	40	40	1
12			Library	-	-	1	-	-	-	-	-
TOTAL				19	6	15	640	120	240	1000	32

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Note: (i) The teaching in the 1st and 2nd semester will be divided in two groups consisting of various branches as shown below: P1-GROUP: Electronics & Communication, Information Technology, Electronics & Instrumentation, Electrical, Chemical, Electrical & Electronics; Q1-GROUP: Computer Science, Mechanical, Civil, Mining and Applied Electronics & Instrumentation, Metallurgy.

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