Chhattisgarh Swami Vivekanand Technical University, Bhilai

Scheme of Teaching and Examination

M.Tech. (Computer Science & Engineering)

I Semester

S.N.	Board of Study	Subject Code	Subject Name	Periods per week			Scheme of Exam			Total Marks	Credit L+(T+P)/2
							Theory/Practical				
				L	T	P	ESE	CT	TA		
1	Computer Sc.& Engg.	522111 (22)	Advanced Operating System	3	1	-	100	20	20	140	4
2	Computer Sc.& Engg.	522112 (22)	Java Programmng and Applications	3	1	-	100	20	20	140	4
3	Computer Sc.& Engg.	522113 (22)	Advanced Computer Architecture	3	1	-	100	20	20	140	4
4	Computer Sc.& Engg.	522114 (22)	Advanced Computer Networks	3	1	-	100	20	20	140	4
5	Refer Table – I		Elective –I	3	1	-	100	20	20	140	4
6	Computer Sc.& Engg.	522121 (22)	Advanced Operating System Lab	-	-	3	75		75	150	2
7	Computer Sc.& Engg.	522122 (22)	Java Programming and Applications Lab	-	-	3	75		75	150	2
	TOTAL			15	5	6	650	100	250	1000	24

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

Note : Duration of all theory papers will be of Three Hours.

Table – I			
Elective – I			
S.No.	Board of Study	Code	Subject
1	Computer Science Engineering	522131 (22)	Advanced Digital Communication
2	Computer Science Engineering	522132 (22)	Numerical Computing
3	Computer Science Engineering	522133 (22)	System Simulation
4	Computer Science Engineering	522134 (22)	Analysis and Design of Algorithms
5	Computer Science Engineering	522135 (22)	Digital Signal Processing

Note (1) – 1/4th of total strength of students subject to minimum of twenty 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.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Scheme of Teaching and Examination

M.Tech. (Computer Science & Engineering)

II Semester

S.N.	Board of Study	Subject Code	Subject Name	Periods per week			Scheme of Exam			Total Marks	Credit L+(T+P)/2
							Theory/Practical				
				L	T	P	ESE	CT	TA		
1	Computer Sc. & Engg.	522211 (22)	A. I. and Applications	3	1	-	100	20	20	140	4
2	Computer Sc. & Engg.	522212 (22)	Advanced Database Management System	3	1	-	100	20	20	140	4
3	Computer Sc. & Engg.	522213 (22)	Software Engineering Techniques	3	1	-	100	20	20	140	4
4	Computer Sc. & Engg.	522214 (22)	Computer Graphics & Multimedia	3	1	-	100	20	20	140	4
5	Refer Table – II		Elective –II	3	1	-	100	20	20	140	4
6	Computer Sc. & Engg.	522221 (22)	Advanced Database Management System Lab	--	-	3	75		75	150	2
7	Computer Sc. & Engg.	522222 (22)	Computer Graphics & Multimedia Lab	-	-	3	75		75	150	2
	TOTAL			15	5	6	650	100	250	1000	24

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

Note : Duration of all theory papers will be of Three Hours.

Table – II			
Elective –II			
S.No.	Board of Study	Code	Subject
1	Computer Science Engineering	522231 (22)	Neural Networks
2	Computer Science Engineering	522232 (22)	Cryptography & Network Security
3	Computer Science Engineering	522233 (22)	Distributed Computing
4	Computer Science Engineering	522234 (22)	Cellular mobile Communication (Prerequisite Advanced Digital Communication)
5	Computer Science Engineering	522235 (22)	Digital Image Processing (Prerequisite Digital Signal Processing)

Note (1) – 1/4th of total strength of students subject to minimum of twenty 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.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Scheme of Teaching and Examination

M. Tech (Computer Science & Engineering)
III Semester

S.N.	Board of Study	Subject Code	Subject Name	Periods per week			Scheme of Exam			Total Marks	Credit L+(T+P)/2
							Theory/Practical				
				L	T	P	ESE	CT	TA		
1	Computer Sc. Engg	522311 (22)	Data Warehousing & Data Mining	3	1	-	100	20	20	140	4
2	Refer Table –III		Elective–III	3	1	-	100	20	20	140	4
3	Computer Sc. Engg	522321 (22)	Preliminary work on Dissertation	-	-	28	100	-	100	200	14
4	Computer Sc. Engg	522322 (22)	Seminar based on Dissertation	-	-	3	-	-	20	20	2
Total				6	2	31	300	40	160	500	24

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

Table – III			
Elective –III			
S.No.	Board of Study	Code	Subject
1	Computer Science Engineering	522331 (22)	Embedded Systems
2	Computer Science Engineering	522332 (22)	Object Oriented Software Engineering
3	Computer Science Engineering	522333 (22)	Enterprise Resource Planning
4	Computer Science Engineering	522334 (22)	Mobile Computing
5	Computer Science Engineering	522335 (22)	Multimedia and Wireless Technology

Note (1) –   1/4th of total strength of students subject to minimum of twenty 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.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Scheme of teaching and examination

M. Tech. (Computer Science & Engineering)

Fourth Semester.

S.N.	Board of Study	Subject Code	Subject Name	Periods per week			Scheme of Exam			Total Marks	Credit L+(T+P)/2
				L	T	P	Theory/Practical				
							ESE	CT	TA		
1	Computer Sc. & Engg.	522421 (22)	Major Project+ Seminar	6		34	300		200	500	23
Total				**6**	**-**	**34**	**300**		**200**	**500**	**23**

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

Scheme of marks Allotment

Semester	Total Marks	Grand Total
I	1000	
II	1000	3000
III	500	
IV	500	