CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI (C.G.)
Scheme of Teaching & Examination
M.E. Computer Technology & Applications
I Semester

S. No.	Board of Study	Subject Code	Subject	Periods per Week			Scheme of Examination Theory / Practical			Total Marks	Credit L+(T+P)/2
				L	T	P	ESE	CT	TA		
1	Applied Mathematics	549111 (14)	Random Processes and Discrete Mathematics	3	1	-	100	20	20	140	4
2	Computer Science & Engg.	549112 (22)	Advanced Computer Architecture	3	1	-	100	20	20	140	4
3	Computer Science & Engg.	549113 (22)	Advanced data structure and Algorithm Analysis	3	1	-	100	20	20	140	4
4	Computer Science & Engg.	549114 (22)	High Speed Computer Network	3	1	-	100	20	20	140	4
5	Refer Table –I		Elective -I	3	1	-	100	20	20	140	4
6	Computer Science & Engg.	549121 (22)	Computer Software Lab –I	-	-	3	75	-	75	150	2
7	Computer Science & Engg.	549122 (22)	Computer Hardware Lab –I	-	-	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

S.No.	Board of Study	Subject Code	Subject
ELECTIVE I			
1	Computer Science & Engg.	549131 (22)	Software Architecture in Practice
2	Computer Science & Engg.	549132 (22)	Internet Engineering
3	Computer Science & Engg.	549133 (22)	Advanced 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 (C.G.)

Scheme of Teaching & Examination

M.E. Computer Technology & Applications

II Semester

S. No.	Board of Study	Subject Code	Subject	Periods per Week			Scheme of Examination Theory / Practical			Total Marks	Credit L+(T+P)/2
				L	T	P	ESE	CT	TA		
1	Computer Science & Engg.	549211 (22)	Object Oriented Analysis & Design	3	1	-	100	20	20	140	4
2	Computer Science & Engg.	549212 (22)	Data Base Engineering	3	1	-	100	20	20	140	4
3	Computer Science & Engg.	549213 (22)	Multimedia Technology	3	1	-	100	20	20	140	4
4	Computer Science & Engg.	549214 (22)	Operating System & Linux Internals	3	1	-	100	20	20	140	4
5	Refer Table –II		Elective -II	3	1	-	100	20	20	140	4
6	Computer Science & Engg.	549221(22)	Computer Software Lab –2	-	-	3	75	-	75	150	2
7	Computer Science & Engg.	549222(22)	Computer Hardware Lab – 2	-	-	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

ELECTIVE II			
S.No.	Board of Study	Subject Code	Subject
1	Computer Science & Engg.	549231 (22)	Enterprise Resource Planning
2	Computer Science & Engg.	549232 (22)	Digital Image Processing & Computer Vision
3	Computer Science & Engg.	549233 (22)	System Performance & Evaluation

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

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI (C.G.)
Scheme of Teaching & Examination
M.E. Computer Technology & Applications
III Semester

S. No.	Board of Study	Subject Code	Subject	Periods per Week			Scheme of Examination Theory / Practical			Total Marks	Credit L+(T+P)/2
				L	T	P	ESE	CT	TA		
1	Computer Science & Engg.	549311 (22)	Artificial Intelligence	3	1	-	100	20	20	140	4
2	Computer Science & Engg.	549312 (22)	Parallel Computing	3	1	-	100	20	20	140	4
3	Computer Science & E ngg.	549321 (22)	Preliminary work on Dissertation	-	-	28	100	-	100	200	14
4	Computer Science & Engg.	549322 (22)	Seminar on Industrial Training & Dissertation	-	-	3	-	-	20	20	2
Total				6	2	31	300	40	160	500	24

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

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 (C.G.)
Scheme of Teaching & Examination
M.E. Computer Technology & Applications
IV Semester

S. No.	Board of Study	Subject Code	Subject	Periods per Week			Scheme of Examination Theory / Practical			Total Marks	Credit L+(T+P)/2
				L	T	P	ESE	CT	TA		
1	Computer Science & Engg.	549421 (22)	Project + Seminar	6	-	34	300	-	200	500	23
Total				6	-	34	300	-	200	500	23

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

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.**

Scheme of Marks Allotment

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