

Chhattisgarh Swami Vivekananda Technical University, Bhilai (C.G.)

Scheme of teaching and examination

M.Tech. (ET&T) in the Department of Electronics & Telecommunication

1st Semester

S. No	Board of Study	Subject Code	Subject	Period s per Week			Scheme of Examination			Total Marks	Credit L+(T+P) / 2
				L	T	P	Theory / Practical				
							ESE	CT	TA		
1	ET&T	528111 (28)	Modern Digital Communication Technique	3	1	-	100	20	20	140	4
2	ET&T	528112 (28)	Advanced 4G Wireless Network	3	1	-	100	20	20	140	4
3	ET&T	528113 (28)	VLSI System Design	3	1	-	100	20	20	140	4
4	ET&T	528114 (28)	Antenna Theory & Design	3	1	-	100	20	20	140	4
5	Refer Table - I		Elective -I	3	1	-	100	20	20	140	4
6	ET&T	528121 (28)	Modern Digital Communication Techniques Lab	-	-	3	75	-	75	150	2
7	ET&T	528122 (28)	Simulation with VHDL	-	-	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			
ELECTIVE -I			
S. No	Board of Study	Subject Code	Subject
1	Electrical Engg.	528131 (28)	DSP Processors
2	Electrical Engg.	528132 (28)	RF Circuit Design for Wireless Communication
3	Electrical Engg.	528133 (28)	Neural Network and Application

Chhattisgarh Swami Vivekananda Technical University, Bhilai (C.G.)

Scheme of teaching and examination

M.Tech. (ET&T) in the Department of Electronics & Telecommunication

2nd Semester

S. No	Board of Study	Subject Code	Subject	Period s per Week			Scheme of Examination			Total Marks	Credit L+(T+P) / 2
				L	T	P	Theory / Practical				
							ESE	CT	TA		
1	ET&T	528211 (28)	Cryptography and Network Security	3	1	-	100	20	20	140	4
2	ET&T	528212 (28)	Embedded System	3	1	-	100	20	20	140	4
3	ET&T	528213 (28)	Broadband Communication	3	1	-	100	20	20	140	4
4	ET&T	528214 (24)	Digital logic with Verilog Design	3	1	-	100	20	20	140	4
5	Refer Table-II		Elective - II	3	1	-	100	20	20	140	4
6	ET&T	528221 (28)	Network Security Lab	-	-	3	75	-	75	150	2
7	ET&T	528222 (28)	Embedded System Lab	-	-	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	ET & T	528231 (28)	Adaptive Control System
2	ET & T	528232 (28)	Speech Processing
3	ET & T	528233 (28)	Advanced Micro Electronics

Chhattisgarh Swami Vivekananda Technical University, Bhilai (C.G.)

Scheme of teaching and examination

M.Tech. (ET&T) in the Department of Electronics & Telecommunication

3rd 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 / Practical				
							ESE	CT	TA		
1	ET&T	528311 (28)	Global Tracking & Positioning System	3	1	-	100	20	20	140	4
2	Refer Table - III		Elective - III	3	1	-	100	20	20	140	4
3	ET&T	528321 (28)	Project	-	-	28	100	-	100	200	14
4	ET&T	528322 (28)	Seminar on industrial training	-	-	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 TA- Teacher's Assessment

TABLE -III			
ELECTIVE -III			
S. No	Board of Study	Subject Code	Subject
1	ET&T	528331 (28)	Digital Image Processing
2	ET&T	528332 (28)	Robotics & Computer Vision
3	ET&T	528333 (28)	Electromagnetic Interference and Compatibility

Chhattisgarh Swami Vivekananda Technical University, Bhilai (C.G.)

Scheme of teaching and examination

M.Tech. (ET&T) in the Department of Electronics & Telecommunication

4th Semester

S.N.	Board of Study	Subject Code	Subject	Periods per Week			Scheme of Examination			Total Marks	Credit L+(T+P)/2
				L	T	P	Theory / Practical				
							ESE	CT	TA		
1	ET & T	528421 (28)	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