



SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

Grading (CBCS) Electronics And Communication Scheme of Examination w.e.f. 2016-17 Semester III / Year : II

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credit	Total Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem	Quiz, Assignment	End Sem	Lab work	Assignment / Quiz					
1	MA112	MATHEMATICS-III	60	30	10	-	-	-	3	1	-	4	100
2	EC-302	ELECTROMAGNETIC THEORY	60	30	10	-	-	-	3	1	-	4	100
3	EC-303	ELECTRONIC & INSTRUMENTATION	60	30	10	20	20	10	3	1	2	5	150
4	EC-304	DIGITAL ELECTRONICS	60	30	10	20	20	10	3	1	2	5	150
5	EC-305	NETWORK ANALYSIS	60	30	10	20	20	10	3	1	2	5	150
6	EC-306	SOFTWARE LAB - I [JAVA PROGRAMMING]				50	50	50	0	0	2	1	150
7	EC-307	SELF STUDY (CRITICAL THINKING INT. ASSESSMENT)					50	50	0	0	2	1	100
8	EC-308	SEMINAR / GROUP DISCUSSION (INTERNAL ASSESSMENT)					50	50	0	0	2	1	100
TOTAL									15	5	12	26	1000

L: Lecture

T:Tutorial

P:Practical



SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

Grading (CBCS) Electronics And Communication Scheme of Examination w.e.f. 2016-17 Semester IV / Year : II

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credit	Total Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem	Quiz, Assignment	End Sem	Lab work	Assignment / Quiz					
1	EC-401	SIGNAL & SYSTEM	60	30	10	-	-	-	3	1	-	4	100
2	EC-402	COMPUTER SYSTEM ORGANIZATION	60	30	10	-	-	-	3	1	-	4	100
3	EC-403	ELECTRONICS DEVICES & CIRCUITS	60	30	10	20	20	10	3	1	2	5	150
4	EC-404	LINEAR INTEGRATED CKTS & ITS APPLICATION	60	30	10	20	20	10	3	1	2	5	150
5	EC-405	ANALOG COMMUNICATION	60	30	10	20	20	10	3	1	2	5	150
6	EC-406	SOFTWARE LAB -II				50	50	50	0	0	2	1	150
7	EC-407	SELF STUDY (MENTAL ABILITY)					50	50	0	0	2	1	100
8	EC-408	SEMINAR / GROUP DISCUSSION (INTERNAL ASSESSMENT)					50	50	0	0	2	1	100
TOTAL									15	5	12	26	1000

L: Lecture

T:Tutorial

P:Practical



SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

Grading (CBCS) Electronics And Communication Scheme of Examination w.e.f. 2016-17 Semester V / Year : III

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credit	Total Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem	Quiz, Assignment	End Sem	Lab work	Assignment / Quiz					
1	EC-501	CONTROL SYSTEMS	60	30	10	-	-	-	3	1	-	4	100
2	EC-502	INDUSTRIAL ELECTRONICS	60	30	10	-	-	-	3	1	-	4	100
3	EC-503	DIGITAL COMMUNICATION	60	30	10	20	20	10	3	1	2	5	150
4	EC-504	MICROPROCESSORS & MICROCONTROLLERS	60	30	10	20	20	10	3	1	2	5	150
5	EC-505	COMMUNICATION NETWORK AND TRANSMISSION LINES	60	30	10	20	20	10	3	1	2	5	150
6	EC-506	SOFTWARE LAB -III				50	50	50	0	0	2	1	150
7	EC-507	ELECTRONIC WORKSHOP					50	50	0	0	2	1	100
8	EC-508	SEMINAR / GROUP DISCUSSION (INTERNAL ASSESSMENT)					50	50	0	0	2	1	100
TOTAL									15	5	12	26	1000

L: Lecture

T:Tutorial

P:Practical



SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

Grading (CBCS) Electronics And Communication Scheme of Examination w.e.f. 2016-17 Semester VI / Year : III

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credit	Total Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem	Quiz, Assignment	End Sem	Lab work	Assignment / Quiz					
1	EC-601	COMPUTER NETWORKS	60	30	10	-	-	-	3	1	-	4	100
2	EC-602	CELLULAR MOBILE COMMUNICATION	60	30	10	-	-	-	3	1	-	4	100
3	EC-603	DIGITAL SIGNAL PROCESSING	60	30	10	20	20	10	3	1	2	5	150
4	EC-604	ANTENNA WAVE PROPAGATION & DESIGN	60	30	10	20	20	10	3	1	2	5	150
5	EC-605	VLSI CIRCUITS & SYSTEMS	60	30	10	20	20	10	3	1	2	5	150
6	EC-606	ENGINEERING DESIGN PROJECT				50	50	50	0	0	2	1	150
7	EC-607	ETHICS & VALUES (MANAGERIAL)					50	50	0	0	2	1	100
8	EC-608	SEMINAR / GROUP DISCUSSION (INTERNAL ASSESSMENT)					50	50	0	0	2	1	100
TOTAL									15	5	12	26	1000

L: Lecture

T:Tutorial

P:Practical



SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

Grading (CBCS) Electronics And Communication Scheme of Examination w.e.f. 2016-17 Semester VII / Year : IV

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credit	Total Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem	Quiz, Assignment	End Sem	Lab work	Assignment / Quiz					
1	EC-7011	ELECTIVE -I	60	30	10	-	-	-	3	1	-	4	100
2	EC-702	SATELLITE COMMUNICATION	60	30	10	-	-	-	3	1	-	4	100
3	EC-703	OPTICAL COMMUNICATION	60	30	10	20	20	10	3	1	2	5	150
4	EC-704	MICROWAVE ENGG.	60	30	10	20	20	10	3	1	2	5	150
5	EC-705	ADVANCED COMMUNICATION SYSTEM	60	30	10	20	20	10	3	1	2	5	150
6	EC-706	MAJOR PROJECT PART -I				100	50	50	0	0	4	2	200
7	EC-707	INDUSTRIAL TRAINING (TWO WEEK)				50	50	50	0	0	2	1	150
TOTAL									15	5	12	26	1000

L: Lecture

T:Tutorial

P:Practical

Elective –I

EC-7011 WIRELESS COMMUNICATION

EC-7012 DIGITAL IMAGE PROCESSING

EC-7013 NEURAL NETWORKS



SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

Grading (CBCS) Electronics And Communication Scheme of Examination w.e.f. 2016-17 Semester VIII/ Year : IV

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Hours/Week			Credit	Total Marks
			Theory			Practical			L	T	P		
			End Sem.	Mid Sem	Quiz, Assignment	End Sem	Lab work	Assignment / Quiz					
1	EC-801	COMPREHENSIVE ACTIVITY				100	50	50	0	0	12	6	200
2	EC-802	MAJOR PROJECT & SEMINAR				300	150	150	0	0	28	14	600
3	EC-803	SEMINAR & GROUP DISCUSSION					100	100	0	0	12	6	200
TOTAL									0	0	52	26	1000

L: Lecture

T:Tutorial

P:Practical