



SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL
Scheme of Examination as per AICTE Model Curriculum w.e.f July 2019
Grading System
Course Name –Bachelor of Engineering (Electronics Engineering)

Semester III / Year : II

Scheme for 2019 Admitted Students onwards

S. No.	Subject Code	Category	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	BE31	BSC	ENGINEERING MATHEMATICS (Probability Distribution & Statistics)	60	30	10	-	-	-	3	1	-	4	100
2	ET 31	CORE	SIGNALS & SYSTEMS	60	30	10	-	-	-	3	1	-	4	100
3	ET 32	CORE	ELECTRONICS DEVICES	60	30	10	30	10	10	2	1	2	4	150
4	ET 33	CORE	DIGITAL SYSTEM DESIGN	60	30	10	30	10	10	2	1	4	5	150
5	ET 34	CORE	NETWORK THEORY	60	30	10	30	10	10	3	1	2	5	150
6	BE 34	LC	SOFTWARE LAB-I(JAVA PROGRAMMING)	-	-	-	50	50	50	0	0	4	2	150
TOTAL				300	150	50	140	80	80	13	5	12	24	800
7	BE-35	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-I						MANDATORY COURSE (NON CREDIT)					

L: Lecture

T:Tutorial

P:Practical



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Grading System

Course Name –Bachelor of Engineering (Electronics Engineering)

Semester IV / Year : II

Scheme for 2019 Admitted Students onwards

S. No.	Subject Code	Category	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	ET41	CORE	ANALOG AND DIGITAL COMMUNICATION	60	30	10	30	10	10	3	1	2	5	150
2	ET42	CORE	ANALOG CIRCUITS	60	30	10	30	10	10	3	1	2	5	150
3	ET43	CORE	ELECTRONICS & INSTRUMENTATION	60	30	10	30	10	10	3	1	2	5	150
4	ET44	CORE	COMMUNICATION NETWORK AND TRANSMISSION LINES	60	30	10	-	-	-	2	1	2	4	100
5	BE41	ECHS	ENGINEERING ECONOMICS AND ACCOUNTING	60	30	10	-	-	-	2	1		3	100
6	BE42	LC	SOFTWARE LAB-II(MATLAB/SCILAB/DOT NET)	-	-	-	50	50	50	0	0	4	2	150
TOTAL				300	150	50	140	80	80	13	5	12	24	800
7	BE43	MC	ENVIRONMENTAL SCIENCES						MANDATORY COURSE (NON CREDIT)					
8	BE44	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-II						MANDATORY COURSE (NON CREDIT)					

L: Lecture

T:Tutorial

P:Practical



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Grading System

Course Name –Bachelor of Engineering (Electronics Engineering)

Semester V / Year : III Scheme for 2019 Admitted Students Onwards

S. No.	Subject Code	Category	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	ET51	CORE	ELECTROMAGNETIC WAVES	60	30	10	30	10	10	2	1	4	5	150
2	ET52	CORE	PROBABILITY THEORY AND STOCHASTIC PROCESSES	60	30	10	-	-	-	2	1	-	3	100
3	ET53	CORE	MICROCONTROLLERS	60	30	10	30	10	10	3	1	2	5	150
4	ET54	CORE	DIGITAL SIGNAL PROCESSING	60	30	10	30	10	10	3	1	4	6	150
5	ET55	ECEL	PROGRAM ELECTIVE -1	60	30	10	-	-	-	3	1	-	4	100
6	ET56	LC	INDUSTRIAL TRAINING (TWO WEEKS)	-	-	-	50	50	50	0	0	2	1	150
TOTAL				300	150	50	140	80	80	13	5	12	24	800
7	BE 52	MC	ESSENCE OF INDIAN KNOWLEDGE TRADITION						MANDATORY COURSES (NON CREDIT)					
8	BE 53	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL-LEVEL-III						MANDATORY COURSE (NON CREDIT)					

L: Lecture

T:Tutorial

P:Practical

Program Elective I

ET55(A): CMOS DESIGN

ET55(B) WAVELETS

ET55(C) NANO ELECTRONICS



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Semester VI / Year : III Scheme for 2019 Admitted Students Onwards

S. No.	Subject Code	Category	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	ET61	CORE	CONTROL SYSTEMS	60	30	10	30	10	10	3	1	2	5	150
2	ET62	CORE	VLSI CIRCUITS & SYSTEMS	60	30	10	30	10	10	2	1	4	5	150
3	ET63	CORE	INDUSTRIAL ELECTRONICS	60	30	10	30	10	10	3	1	2	5	150
4	ET64	ETEL	PROGRAM ELECTIVE -2	60	30	10	-	-	-	3	1		4	100
5	ET65	OE-2	OPEN ELECTIVE-2	60	30	10	-	-	-	2	1		3	100
6	ET66	PROJECT	MINI PROJECT/ELECTRONIC DESIGN WORKSHOP	-	-	-	50	50	50			4	2	150
TOTAL				300	150	50	140	80	80	13	5	12	24	800
7	BE 61	PDFS	PROFESSIONAL DEVELOPMENT FINISHING SCHOOL - LEVEL - IV						MANDATORY COURSE (NON CREDIT)					

L: Lecture

T: Tutorial

P: Practical

Program Elective 2

ET64(A) EMBEDDED SYSTEM
ET64(B) BIO-MEDICAL ELECTRONICS
ET64(C) MIXED SIGNAL DESIGN

Open Elective 2

ET65(A) NANO MATERIAL AND TECHNOLOGY
ET65(B) DIGITAL IMAGE PROCESSING
ET65(C) NEURAL NETWORKS



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Semester VII / Year : IV

Scheme for 2019 Admitted Students onwards

S. No.	Subject Code	Category	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	ET71	ETEL	PROGRAM ELECTIVE -3	60	30	10	30	10	10	3	1	2	5	150
2	ET72	ETEL	PROGRAM ELECTIVE -4	60	30	10	-	-	-	2	1	-	3	100
3	ET73	ETEL	PROGRAM ELECTIVE -5	60	30	10	30	10	10	3	1	2	5	150
4	ET74	OE-3	OPEN ELECTIVE -3	60	30	10	-	-	-	3	1	-	4	100
5	ET75	PROJECT	MAJOR PROJECT -I	-	-	-	100	50	50	-	-	8	4	200
6	ET76	HSMC	OPERATIONS RESEARCH	60	30	10	-	-	-	2	1	-	3	100
TOTAL				300	150	50	160	70	70	13	5	12	24	800

L: Lecture

T:Tutorial

P:Practical

Program Elective –3 ET 71(A) - MICROWAVE THEORY AND TECHNIQUES ET 71(B)-PROGRAMMING LANGUAGES FOR EMBEDDED SOFTWARE ET 71(C)- MEMORY TECHNOLOGIES	Program Elective –4 ET 72(A) VLSI TECHNOLOGY ET 72(B) HIGH SPEED ELECTRONICS ET 72(C) COMPUTER NETWORK	Program Elective –5 ET 73(A) ANTENNA AND WAVE PROPOGATION ET 73(B) INTRODUCTION TO MEMS ET 73(C) ADAPTIVE SIGNAL PROCESSING	Open Elective 3 ET 74(A) FIBER OPTICS COMMUNICATION ET 74(B) INTERNET OF THINKS ET 74(C) SCADA AND SIMULATION
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Semester VIII / Year : IV Scheme for 2019 Admitted Students onwards

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Hours/ Week			Credit	Total Marks
				Theory			Practical		L	T	P		
				End Sem.	Mid Sem	Quiz, Assignment	End Sem	Term work					
1	ET81	PROJECT	MAJOR PROJECT - 2/ INTERNSHIP	-	-	-	600	200	-	-	30	15	800
TOTAL				-	-	-	600	200	-	-	30	15	800

L: Lecture

T: Tutorial

P: Practical