

SCHEME OF INSTRUCTION & EXAMINATION
B.E. V- SEMESTER
(ELECTRONICS AND COMMUNICATION ENGINEERING)

S. No.	Course Code	Course Title	Scheme of Instruction				Scheme of Examination			Credits
			L	T	P/D	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
Theory Courses										
1	PC501EC	Linear ICs and Applications	3	1	-	4	30	70	3	3
2	PC502EC	Analog Communication	3	-	-	3	30	70	3	3
3	PC503EC	Digital Signal Processing	3	1	-	4	30	70	3	3
4	PC504EC	Automatic Control Systems	3	1	-	4	30	70	3	3
5	PC505EC	Computer Organization & Architecture	3	1	-	4	30	70	3	3
6	PC506EC	Digital System Design with Verilog HDL	3	-	-	3	30	70	3	3
7	MC901EG	Gender Sensitization	3	-	-	3	30	70	3	0
Practical/Laboratory Courses										
8	PC551EC	IC Applications lab	-	-	2	2	25	50	3	1
9	PC552EC	Systems and Signal Processing Lab	-	-	2	2	25	50	3	1
10	PC553EC	Industrial Visit	-	-	-	-	G	-	-	-
Total			18	4	4	29	260	590		20

PC: Professional Course

MC: Mandatory Course

L: Lecture

T: Tutorial

P: Practical

D: Drawing G: Grade (E/VG/G/S/U)

CIE: Continuous Internal Evaluation

SEE: Semester End Examination (Univ. Exam)

Note:

- Each contact hour is a Clock Hour.
- The Practical class can be of two hour (clock hours) duration as per the requirement of a particular laboratory.

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SCHEME OF INSTRUCTION & EXAMINATION
B.E. VI- SEMESTER
(ELECTRONICS AND COMMUNICATION ENGINEERING)

S. No.	Course Code	Course Title	Scheme of Instruction				Scheme of Examination			Credits
			L	T	P/D	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
Theory Courses										
1	PC601EC	Digital Communication	3	1	0	4	30	70	3	3
2	PC602EC	Antennas and wave propagation	3	1	0	4	30	70	3	3
3	PC603EC	Microprocessor and Microcontroller	3	1	0	4	30	70	3	3
4	HS604EC	Managerial Economics & Accountancy	3	0	0	3	30	70	3	3
5	PE – I	Professional Elective-I	3	0	0	3	30	70	3	3
6	OE – I	Open Elective-I	3	0	0	3	30	70	3	3
Practical/Laboratory Courses										
7	PC651EC	Communication Lab	0	0	2	2	25	50	3	1
8	PC652EC	Microprocessor and Microcontroller Lab	0	0	2	2	25	50	3	1
9	MC	Mandatory Course	-	-	3	3	50	-	3	0
10	PC653EC	Summer Internship*	-	-	-	-	50	-	-	-
Total			18	3	7	28	280	520		20

PC: Professional Course PE: Professional Elective OE: Open Elective

HS: Humanities and Social Science MC: Mandatory Course

L: Lecture T: Tutorial P: Practical D: Drawing

CIE: Continuous Internal Evaluation SEE: Semester End Examination (Univ. Exam)

Note:

1. Each contact hour is a Clock Hour.
2. The Practical class can be of two and half hour (clock hours) duration as per therequirement of a particular laboratory.
3. *The students have to undergo a summer internship of four week duration after sixth semester and credits will be awarded in seventh semester after evaluation.

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Professional Elective – I			Open Elective - I		
S. No.	Course Code	Course Title	S. No.	Course Code	Course Title
1	PE671EC	Digital Image Processing	1	OE632AE	Automotive Safety & Ergonomics
2	PE672EC	Data Communication and computer networking	2	OE601CE	Disaster Management
3	PE673EC	Optical Communication	3	OE602CE	Geo Spatial Techniques
4	PE674EC	Digital TV Engineering	4	OE601CS	Operating Systems
			5	OE602CS	OOP using Java
			6	OE601EC	Principles of Embedded Systems **
			7	OE602EC	Digital System Design using Verilog HDL **
			8	OE601EE	Reliability Engineering
			9	OE602EE	Basics of Power Electronics
			10	OE601ME	Industrial Robotics
			11	OE602ME	Material Handling
			12	OE601LA	Intellectual Property Rights

Mandatory Course		
S. No.	Course Code	Course Title
1	MC951SP	Yoga Practice
2	MC952SP	National Service Scheme
3	MC953SP	Sports

Note: ** Indicates that subject is not offered to the students of Electronics and Communication Engineering Department.

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