

SCHEME OF INSTRUCTION & EXAMINATION
B.E. III – Semester
(ELECTRONICS AND INSTRUMENTATION ENGINEERING)

S. No.	Course Code	Course Title	Scheme of Instruction				Scheme of Examination			Credits
			L	T	Pr/Drg	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
Theory Courses										
1.	BS301MT	Engineering Mathematics - III	3	1	-	4	30	70	3	3
2.	ES322EC	Electronic Engineering-II	3	-	-	3	30	70	3	3
3.	ES323ME	Prime Movers & Pumps	3	-	-	3	30	70	3	3
4.	PC302EE	Electromagnetic Fields	3	1	-	4	30	70	3	3
5.	PC303EE	Digital Electronics & Logic Design	3	-	-	3	30	70	3	3
6.	PC304EE	Network Theory	3	1	-	4	30	70	3	3
7.	MC916CE	Environmental Sciences	3	-	-	3	30	70	3	3
Practical /Laboratory Courses										
8.	ES361ME	Mechanical Engineering Lab	-	-	2	2	25	50	3	1
9.	ES362EC	Electronic Engineering Lab.	-	-	2	2	25	50	3	1
			21	3	4	28	260	590		23

BS: Basic Sciences ES: Engineering Sciences MC: Mandatory Course
PC: Professional Course HS: Humanities and Sciences
L: Lectures T: Tutorials Pr : Practicals Drg: 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 the requirement of a particular laboratory.
3) Students admitted into B.E./B.Tech. courses under lateral entry scheme (through ECET) from the academic year 2017-18 should undergo the following bridge course subjects at III Semester (CBCS).
(1) ES 154 CS Computer Programming Lab
(2) MC 156 EG Engineering English Lab

SCHEME OF INSTRUCTION & EXAMINATION
B.E. IV – Semester
(ELECTRONICS AND INSTRUMENTATION ENGINEERING)

S. No.	Course Code	Course Title	Scheme of Instruction				Scheme of Examination			Credits
			L	T	Pr/Drg	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
Theory Courses										
1.	BS401MT	Engineering Mathematics - IV	3	1	-	4	30	70	3	3
2.	PC404EE	Power Electronics	3	1	-	4	30	70	3	3
3.	PC405EE	Linear Integrated Circuits	3	-	-	3	30	70	3	3
4.	PC406EE	Transducer Engineering	3		-	3	30	70	3	3
5.	PC407EE	Electrical Machines	3	1	-	4	30	70	3	3
6.	PC408EE	Signal and Systems	3	1	-	4	30	70	3	3
7.	HS401BM	Managerial Economics & Accountancy	3	-	-	3	30	70	3	3
Practical /Laboratory Courses										
8.	PC451EE	Digital Electronics and Integrated Circuits Lab	-	-	2	2	25	50	3	1
9.	PC453EE	Computer Aided Instrumentation Drawing Lab.	-	-	2	2	25	50	3	1
			21	04	04	29	260	260		23

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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 the requirement of a particular laboratory.