

SCHEME OF INSTRUCTION & EXAMINATION
B.E. III - Semester
(MECHANICAL 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.	ES321CE	Mechanics of Materials	3	1	-	4	30	70	3	3
3.	PC301ME	Engineering Thermodynamics	4	-	-	4	30	70	3	4
4.	PC302ME	Metallurgy & Material Science	4	-	-	4	30	70	3	4
5.	PC303ME	Fluid Mechanics	4	-	-	4	30	70	3	4
6.	MC916CE	Environmental Sciences	3	-	-	3	30	70	3	3
Practical/Laboratory Courses										
7.	ES361CE	Mechanics of Materials Lab.	-	-	2	2	25	50	3	1
8.	PC351ME	Machine Drawing	-	-	2	2	25	50	3	1
9.	PC352ME	Metallurgy Lab.	-	-	2	2	25	50	3	1
Total			21	2	6	29	255	570		24

Engineering Service Courses offered to other Departments

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.	ES321ME	Part-B: Mechanical Technology (for CE)	2	-	-	2	15	35	2	2
2.	ES323ME	Prime Movers & Pumps (for EEE & EIE)	3	-	-	3	30	70	3	3
3.	ES965ME	Elements of Mechanical Engineering (for ECE)	3	-	-	3	30	70	3	3
Practical/Laboratory Courses										
4.	ES361ME	Mechanical Engg. Lab. (for EEE & EIE)	-	-	2	2	25	50	3	1

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
(MECHANICAL 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.	ES422EE	Electrical Circuits & Machines	3	-	-	3	30	70	3	3
3.	ES934EC	Basic Electronics	3	-	-	3	30	70	3	3
4.	PC401ME	Applied Thermodynamics	4	-	-	4	30	70	3	4
5.	PC402ME	Kinematics of Machines	4	1	-	5	30	70	3	4
6.	PC403ME	Design of Machine Elements	4	-	-	4	30	70	3	4
Practical/Laboratory Courses										
7.	ES461EE	Electrical Circuits & Machines Lab.	-	-	2	2	25	50	3	1
8.	ES955EC	Basic Electronics Lab.	-	-	2	2	25	50	3	1
9.	PC451ME	Applied Thermodynamics Lab.	-	-	2	2	25	50	3	1
Total			21	2	6	29	255	570		24

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.