

## SECOND YEAR MECHANICAL ENGINEERING COURSE

### SCHEME OF INSTRUCTION AND EXAMINATION REVISED COURSE 2019

#### SEMESTER -III

Course Code	Nomenclature of the Course	Scheme of Instruction Hrs/Week			Scheme of Examination						
		L	T	P	Duration (Hrs)	Marks					Credits
						Th	IA	TW	P/O	Total	
ME310	Mathematics –III	3	1	--	3	100	25	25	--	150	4
ME320	Mechanics of Solids	4	--	--	3	100	25	--	25	150	4
ME330	Engineering Thermodynamics	4	--	--	3	100	25	--	--	125	4
ME340	Engineering Materials Science and Metallurgy	3	--	--	3	100	25	--	--	125	3
ME350	Engineering Metrology and Machine Drawing	4	--	--	3	100	25	--	--	125	4
ME360	Engineering Materials Science and Metallurgy Laboratory	--	--	2	--	--	--	25	50	75	1
ME370	Engineering Metrology and Machine Drawing Laboratory	--	--	2	--	--	--	25	50	75	1
HM001	Technical Communication	2	--	--	--	--	--	75	--	75	2
AC390	Mathematics I & II (*Bridge Course)	2	--	--	--	--	--	--	--	--	0
	<b>TOTAL</b>	<b>22</b>	<b>1</b>	<b>4</b>	--	500	125	150	125	900	23

\*(This course is compulsory to direct second year/lateral entry students. It is introduced to reduce the knowledge gap in the students)

#### LEGEND

<b>Abbreviation</b>	<b>Description</b>
L	Lecture
T	Tutorial
P	Practical
O	Oral
Th	Theory
TW	Term Work
IA	Internal Assessment

## SECOND YEAR MECHANICAL ENGINEERING COURSE

### SCHEME OF INSTRUCTION AND EXAMINATION REVISED COURSE 2019

#### SEMESTER -IV

Course Code	Nomenclature of the Course	Scheme of Instruction Hrs/Week			Scheme of Examination						
		L	T	P	Duration (Hrs)	Marks					Credits
						Th	IA	TW	P/O	Total	
ME410	Energy Conversion	4	1	--	3	100	25	25	--	150	5
ME420	Machine Design	4	1	--	3	100	25	25	--	150	5
ME430	Fluid Mechanics	3	1	--	3	100	25	25	--	150	4
ME440	Analysis and Synthesis of Mechanisms	4	--	2	3	100	25	25	--	150	5
ME450	Thermal Laboratory-I	--	--	2	--	--	--	50	50	100	1
ME460	Fluid Mechanics Laboratory	--	--	2	--	--	--	50	50	100	1
HM003	Economics for Engineers	3	--	--	3	100	25	--	25	150	3
	<u>TOTAL</u>	<u>18</u>	<u>3</u>	<u>6</u>	--	500	125	200	100	950	24

#### LEGEND

Abbreviation	Description
L	Lecture
T	Tutorial
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O	Oral
Th	Theory
TW	Term Work
IA	Internal Assessment

