

## SECOND YEAR: MECHANICAL ENGINEERING

### SCHEME OF INSTRUCTION AND EXAMINATION

(RC 2016-17)

### SEMESTER – III

Subject Code	Name of the Subject	Scheme of Instruction Hrs/Week			Scheme of Examination						
		L	T	P#	Th Duration (Hrs)	Marks					
						Th	S	TW	P	O	Total
ME 3.1	Applied Thermodynamics - I	3	--	2	3	100	25	--	--	25	150
ME 3.2	Machine Drawing	2	--	3	4	100	25	25	--	--	150
ME 3.3	Fluid Mechanics	3	1	2	3	100	25	--	25	--	150
ME 3.4	Engineering Materials Science and Metallurgy	3	--	2	3	100	25	--	25	--	150
ME 3.5	Electrical Technology	3	1	2	3	100	25	--	--	--	125
ME 3.6	Engineering Mathematics and Numerical Techniques	4	--	--	3	100	25	--	--	--	125
<b>TOTAL</b>		<b>18</b>	<b>2</b>	<b>11</b>	<b>--</b>	<b>600</b>	<b>150</b>	<b>25</b>	<b>50</b>	<b>25</b>	<b>850</b>

# A candidate is considered to have successfully fulfilled the requirement of a semester, provided he/she submits to the department a certified journal reporting the experiments conducted during the semester.

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### SCHEME OF INSTRUCTION AND EXAMINATION

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### SEMESTER – IV

Subject Code	Name of the Subject	Scheme of Instruction Hrs/Week			Scheme of Examination						
		L	T	P#	Th Duration (Hrs)	Marks					
						Th	S	TW	P	O	Total
ME 4.1	Mechanics of Solids	4	1	--	3	100	25	--	--	25	150
ME 4.2	Analysis and Synthesis of Mechanisms	3	--	2	3	100	25	25	--	--	150
ME 4.3	Manufacturing Technology - I	3	--	2	3	100	25	--	25	--	150
ME 4.4	Digital Electronics and Microcontroller Applications	3	--	2	3	100	25	--	25	--	150
ME 4.5	Applied Thermodynamics - II	3	1	2	3	100	25	--	--	--	125
ME 4.6	Business Economics and Management	4	--	--	3	100	25	--	--	--	125
<b>TOTAL</b>		<b>20</b>	<b>2</b>	<b>8</b>	<b>--</b>	<b>600</b>	<b>150</b>	<b>25</b>	<b>50</b>	<b>25</b>	<b>850</b>

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