

## B.E. Mechanical Engineering for Working Professionals (D2D)

Sr. No.	Course code	Course Name	Teaching			Credits (C)	Examination Scheme					Category
			Scheme				Theory Marks		Tutorials/		Total	
			(Hours)						Practical Marks		Marks	
			L	T	P		E	Mi	I	V		
<b>B.E. 2nd Year: Semester 3</b>												
1	3130004	Effective Technical Communication	2	0	2	3	70	30	20	30	150	HSS
2	3130005	Complex Variables and Partial Differential Equations	3	2	0	5	70	30	0	0	100	BS
3	3130007	Indian Constitution	2	0	0	0	50	0	0	0	50	M
4	3130008	Design Engineering - I A	0	0	2	1	0	0	20	80	100	PW
5	3131904	Material Science and Metallurgy	3	0	2	4	70	30	20	30	150	ES
6	3131905	Engineering Thermodynamics	4	0	2	5	70	30	20	30	150	PC
7	3131906	Kinematics and Theory of Machines	4	0	2	5	70	30	20	30	150	PC
<b>B.E. 2nd Year: Semester 4</b>												
8	3140005	Design Engineering 1 B	0	0	2	1	0	0	20	80	100	PW
9	3141901	Mechanical Measurement and Metrology	4	0	2	5	70	30	20	30	150	BS

<b>10</b>	3141906	Fluid Mechanics and Hydraulics Machines	4	0	2	5	70	30	20	30	150	PC
<b>11</b>	3141907	Fundamentals of Machine Design	4	0	2	5	70	30	20	30	150	PC
<b>12</b>	3141908	Manufacturing Processes	3	0	2	4	70	30	20	30	150	PC
<b>13</b>	3141909	Organisational Behaviour	3	0	0	3	70	30	0	0	100	HSS

**\*\* Teaching Scheme up to the B.E. 2nd Year: Semester 4**

<b>Sr. No.</b>	<b>Category</b>	<b>Total number of courses</b>
1	HSS - Humanities and Social Sciences	2
2	BS - Basic Science	2
3	ES - Engineering Science	1
4	PC - Professional core	5
5	PE - Professional Elective	0
6	OE - Open Elective	0
7	PW - Project Work	2
8	M - Mandatory	1
9	PDE - Personality Development Elective	0