





SEMESTER III

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	PCC	23ME301T	Machining Process	3	-	-	3	30	70	100
2	PCC	23ME301P	Machining Process Lab	-	-	2	1	25	25	50
3	PCC	23ME302T	Engineering Thermodynamics	3	1	-	4	30	70	100
4	PCC	23ME303T	Materials Engineering	3	-	-	3	30	70	100
5	PCC	23ME303P	Materials Engineering Lab	-	-	2	1	25	25	50
6	PCC	23ME304T	Machine Drawing	3	-	-	3	30	70	100
7	PCC	23ME304P	Machine Drawing Lab	-	-	2	1	25	25	50
8	SEC	23ME305P	Career Development III	-	-	2	1	50	-	50
9	VEC	23ES301T	Value Education Course- I	2	-	-	2	15	35	50
10	ELC	23ME306P	Micro Project I*	-	-	2	1	50	-	50
11	MDM	23ME331M	MDM-I Orientation course on Entrepreneurship	2	-	-	2	15	35	50
Total				16	1	10	22	325	425	750

* Field Project or Community engagement project in the major discipline

Career Development III: Training on MS Excel

		July 2024	1.0	Applicable for 2024-25
Chairman - BoS	Dean – Academics	Date of Release	Version	



ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR

(An autonomous institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

B. Tech. Scheme of Examination & Syllabus 2023-24

MECHANICAL ENGINEERING

SEMESTER IV

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	PCC	23ME401T	Fluid Mechanics and Hydraulic Machines	3	-	-	3	30	70	100
2	PCC	23ME401P	Fluid Mechanics and Hydraulic Machines Lab	-	-	2	1	25	25	50
3	PCC	23ME402T	Strength of Materials	3	-	-	3	30	70	100
4	PCC	23ME402P	Strength of Materials Lab	-	-	2	1	25	25	50
5	PCC	23ME403T	Kinematics of Machines	3	-	-	3	30	70	100
6	PCC	23ME404P	Mechanical Measurements Lab	-	-	2	1	25	25	50
7	OE	23ME461O	Open Elective - I	2	-	-	2	15	35	50
8	VSC	23ME406P	Technical Skill Development - I	2	-	-	2	50	-	50
9	VEC	23ES401T	Value Education Course II	2	-	-	2	15	35	50
10	SEC	23ME408P	Career Development - IV	-	-	2	1	50	-	50
11	ELC	23ME409P	Micro Project II*	-	-	2	1	50	-	50
Total				15	-	10	20	345	355	700
11	MDM	23ME431M	Project Management	3	-	-	3	30	70	100
Total				18	-	10	23	375	425	800

Open Elective - I	
23ME461O	Entrepreneurship Development

* Field Project or Community engagement project in the major discipline

Technical Skill Development - I: Training on AutoCAD.

Career Development - IV: Training on quantitative aptitude

		July 2024	1.0	Applicable for 2024-25
Chairman - BoS	Dean – Academics	Date of Release	Version	