

## III Year – I Semester

No.	Course Category	Course Code	Course Title	L	T	P	C
1	Professional Core	19ME5T14	Dynamics of Machinery	3	--	--	3
2	Professional Core	19ME5T15	Design of Machine Members-II	3	--	--	3
3	Professional Core	19ME5T16	Operations Research	3	--	--	3
4	Professional Core	19ME5T17	IC Engines and Turbo Machinery	3	--	--	3
5	Professional Elective		Professional Elective-I	3	--	--	3
6	Open Elective		Open Elective-I	3	--	--	3
7	Lab Course	19ME5L08	Machine Tools and Theory of Machines Laboratory	--	--	3	1.5
8	Lab Course	19ME5L09	Thermal Engineering Laboratory	--	--	3	1.5
9	Mandatory Course	19ME5T49	MOOCS/Industry Courses approved by Department**	--	--	--	0
Total Credits							21

\*\*Student can select the course of any discipline under MOOCS. However the agency will be decided by the respective BOS

## List of Approved MOOC providers

CSWAYAM	Iiversity	Coursera	Udemy	EduKart
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## III Year – II Semester

S.No.	Course Category	Course Code	Course Title	L	T	P	C
1	Professional Core	19ME6T22	Industrial Engineering and Management	3	--	--	3
2	Professional Core	19ME6T23	Instrumentation and Control Systems	3	--	--	3
3	Professional Core	19ME6T24	Metrology	3	--	--	3
4	Professional Core	19ME6T25	Heat Transfer	3	--	--	3
5	Professional Elective		Professional Elective-II	3	--	--	3
6	Open Elective		Open Elective-II	3	--	--	3
7	Lab Course	19ME6L10	Heat Transfer Laboratory	--	--	3	1.5
8	Lab Course	19ME6L11	Metrology & Instrumentation Laboratory	--	--	3	1.5
9	Project Work	19ME6P02	Mini Project	--	--	2	1
10	Mandatory Course	19HM6T08	IPR & Patents	2	--	--	0
Total Credits							22


 PRINCIPAL

**PRAGATI ENGINEERING COLLEGE**  
(AUTONOMOUS)

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