

SYLLABUS FOR THE BATCH 2019-2023**V SEMESTER**

DEPARTMENT OF INDUSTRIAL AND PRODUCTION ENGINEERING SCHEME OF TEACHING AND EXAMINATION FIFTH SEMESTER B.E (AUTONOMOUS SCHEME)							
Sl. No.	Course Code	Course	Category	Contact Hrs. / Week			No. of Credits
				L	T	P	
1	IP5C01	Control Engineering	FCD	4	0	0	4
2	IP5C02	Computer Integrated Manufacturing	FCP	4	0	0	4
3	IP5C03	Design of Machine Elements-I	FCD	3	2	0	4
4	IP5C04	Dynamics of Machinery	FCP	3	0	0	3
5	IP5C05	Engineering Management and Entrepreneurship	GC	3	0	0	3
6	IP5MXX	MOOC Elective		3	0	0	3
7	IP5L01	Computer Aided Modeling and Analysis lab	FCD	0	0	3	1.5
8	IP5L02	Machine Shop	FCM	0	0	3	1.5
9	MA5CL1	Applied Mathematics –II (only for Lateral entry)	GC	3	0	0	3
Total Credits							24
Contact hours per week							28

MOOC Elective							
Sl. No	Course Code	Course	Category	Contact Hrs. / Week			No. of Credits
				L	T	P	
1	IP5M01	Work System Design	FEI	3	0	0	3

VI SEMESTER

DEPARTMENT OF INDUSTRIAL and PRODUCTION ENGINEERING SCHEME OF TEACHING AND EXAMINATION SIXTH SEMESTER B.E (AUTONOMOUS SCHEME)							
Sl. No.	Course Code	Course	Category	Contact Hrs. / Week			No. of Credits
				L	T	P	
1	IP6C01	Statistical Quality Control	FCC	4	0	0	4
2	IP6C02	Fluid Power Systems	FCD	3	0	0	3
3	IP6C03	Lean Manufacturing System	FCC	3	0	0	3
4	IP6C04	Design of Machine Elements – II	FCD	3	0	0	3
5	IP6C05	Engineering Economics	FCI	3	0	0	3
6	IP6E1XX	Elective – I		3	0	0	3
7	IP6L01	Industrial Engineering Lab	FCI	0	0	3	1.5
8	IP6L02	CNC / Robotics Lab	FCP	0	0	3	1.5
9	IP6C06	Minor Project	FCC	0	0	4	2
Total Credits							24
Contact hours per week							29

Elective - I							
Sl. No	Course Code	Course	Category	Contact Hrs. / Week			No. of Credits
				L	T	P	
1	IP6E101	Supply Chain & Logistics Management	FEI	3	0	0	3
2	IP6E102	Advanced Manufacturing Processes	FEM	3	0	0	3
3	IP6E104	Tool Engineering	FEP	3	0	0	3