Semester-wise Course Structure

Semester – wise breakup of courses

I SEMESTER		L	T	P	Cr
CHM-S101	Chemistry-I	3	1	3	5
ESC-S101	Basic Elect. & Elect. Engg.	3	1	3	5
MTH-S101	Mathematics -I	3	1	0	4
PHY-S101	Physics -I	3	1	3	5
TCA-S102	Workshop Technology	1	1	3	5
UHV- S101	Universal Human value-I	0	0	0	0

II SEMESTER		L	T	P	Cr
MTH-S102	Mathematics-II	3	1	0	4
PHY-S102	Physics-II	3	1	3	5
ISC-S101	Programming and Computing	3	0	3	5
TCA-S101	Engineering Drawing	2	0	3	5
HSS-S101	Communicative English	3	1	0	4

III SEMESTER		L	T	P	Cr
MTH –S201	Mathematics III	3	1	0	4
ESC – S201	Engineering Mechanics	3	1	0	4
ESC – S202	Thermodynamics	3	1	0	4
MEE-S201	Mechanical Design & Drawing	2	0	3	5
MEE-S202	Basic Fluid Mechanics & Rate Processes	3	1	3	5
EVS-S101	Environmental science	2	0	0	2

IV SEMESTER		L	T	P	Cr
MEE –S203	Kinematics and Mechanism	3	1	3	5
MEE- S204	Basic Solid Mechanics	3	1	0	4
MEE- S205	Material Science & Engineering	3	0	3	5
MEE- S206	Material removal Manufacturing Process	3	0	3	5
HSS-S201	Industrial Management	3	0	0	4
UHV-S201	Universal Human value-II	2	1	0	3

V SEMESTER		L	T	P	Cr
MEE-S301	Dynamics of Machines & Vibrations	3	0	3	5
MEE-S302	Material Additive Manufacturing Process	3	0	0	4
MEE-S303	IC Engines	3	0	3	5
MEE-S304	Energy System	3	0	0	4
SST- S201	Summer Training/ Mini Project	0	0	2	2
SMM-S301	Seminar	0	0	2	2

VI SEMESTER		L	T	P	Cr
MEE-S305	Heat Transfer	3	0	3	5
MEE-S306	Design Of Machine Elements	3	1	0	4
MEE-S307	Refrigeration & Air-Conditioning	3	0	3	5
HSS-S301	Professional Communication	1	1	1	2
DPE-S301	Elective-I	3	0	0	4
ODPE-S301	Open Elective-I	3	0	0	4

VII SEMESTER		L	T	P	Cr
MEE-S401	Computer Aided Manufacturing	3	0	3	5
MEE-S402	Industrial Management &Production System	3	0	0	4
HSS-S401	Industrial Economics	3	0	0	4
PRT-S401	B.Tech Project-I	0	0	6	4
SST-S301	Summer Training	0	0	2	2
ODPE-S401	Open Elective-II	3	0	0	4

VII SEMESTER		L	T	P	Cr
MEE-S403	Metrology, Measurements and Control	3	0	3	5
MEE-S404	Gas Dynamics & Turbo Machinery	3	0	3	5
MEE-S405	Computer Aided design	3	0	3	5
PRT-S402	B.Tech Project-II	0	0	6	4
DPE-S401	Elective-II	3	0	0	4

Legends
L = Lecture
T= Tutorial
P= Practical/Presentation/Project
C= Credit
Note:
- Total No. of Lectures in each course should in the range of 40 to 45 per semester if per week three lectures are allotted.