

STUDY & EVALUATION SCHEME
M.TECH: MECHANICAL ENGINEERING (PT)
SPECIALIZATION: PRODUCTION AND INDUSTRIAL ENGINEERING
I YEAR: I SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	MHU1001P	Technical Communication	2	0	0	40	60	100	2
2	MME1001P	Production & Operations Management –I	4	2	0	40	60	100	5
3	MME1002P	Production Engineering-I	4	2	0	40	60	100	5
PRACTICAL/TRAINING/PROJECT									
4	MME1501P	Production & Industrial Engineering-I Lab	0	0	4	80	20	100	2
TOTAL			10	4	4	200	200	400	14

L - Lecture

T - Tutorial

P - Practical

CIE - Continuous Internal Evaluation

ESE-End Semester Exam

C - Credit

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I YEAR: II SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	MHU2001P	Professional Ethics	2	0	0	40	60	100	2
2	MME2001P	Production & Operation Management –II	4	2	0	40	60	100	5
3	MME2002P	Production Engineering-II	4	2	0	40	60	100	5
PRACTICAL/TRAINING/PROJECT									
4	MME2501P	Production & Industrial Engineering-II Lab	0	0	4	80	20	100	2
TOTAL			10	4	4	200	200	400	14

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II YEAR: III SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	MCS3004P	Artificial Intelligence in Engineering	4	2	0	40	60	100	5
2	MMA3001P	Applied Statistics & Operations Research	4	2	0	40	60	100	5
3	MME3001P	Material & Manufacturing Technology	4	2	0	40	60	100	5
TOTAL			12	6	0	120	180	300	15

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II YEAR: IV SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	-	Elective-I	4	2	0	40	60	100	5
2	-	Elective-II	4	2	0	40	60	100	5
PRACTICAL/TRAINING/PROJECT									
3	MME4501P	Seminar/Minor Project	-	-	4	100	-	100	4
TOTAL			8	4	4	180	120	300	14

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III YEAR: V SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	-	Elective-III	4	2	0	40	60	100	5
PRACTICAL/TRAINING/PROJECT									
2	MME5501P	Dissertation-I	-	-	6	100	-	100	6
TOTAL			4	2	6	140	60	200	11

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III YEAR: VI SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
PRACTICAL/TRAINING/PROJECT									
1	MME6501P	Dissertation-II	-	-	18	80	20	100	18
2	MME6502P	Comprehensive Viva	0	0	0	100	-	100	2
TOTAL			0	0	18	180	20	200	20
GRAND TOTAL			44	20	36	1020	780	1800	88

L - Lecture

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LIST OF ELECTIVES

ELECTIVE-I			
S. NO.	SUBJECT CODE	SUBJECT	SEMESTER
1	MCS4107P	Simulation, Modelling and Analysis	IV
2	MEC4105P	Neural Network, Fuzzy Systems & Genetic Algorithm	IV
3	MCS4108P	Management Information System	IV
4	MME4101P	Finite Element Method	IV
ELECTIVE-II			
1	MME4201P	Advanced Foundry Technology	IV
2	MME4202P	Advanced Welding Technology	IV
3	MME4203P	Modern Manufacturing Processes	IV
4	MME4204P	Non-Conventional Machining Process	IV
ELECTIVE-III			
1	MME5101P	Total Quality Management	V
2	MME5102P	Reliability, Maintenance Management & Safety	V
3	MME5103P	Work Science	V
4	MME5404P	Supply Chain Management	V