

DELHI TECHNOLOGICAL UNIVERSITY														
SCHEME OF TEACHING AND EVALUATION														
MASTER OF TECHNOLOGY IN PRODUCTION ENGINEERING (PIE)														
Semester-I														
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group A	1	PRD501	Theory of Metal Cutting	Core	4	3	0	2	15	25	20	40	-	17
	2	PRD503	Welding Processes & Metallurgy	Core	4	3	0	2	15	25	20	40	-	
Group B	3	PRD5401/5403/.....	Elective 1	Elective	4	3/4	0	2/0	15/20	25/0	20/30	40/50	-	
	4	PRD5301/5303/.....	Elective 2	Elective	3	3	0	0	20	-	30	50	-	
	5	PRD5201/5203/...../ UEC5201/5203/.....	Elective 3/University Elective I	Elective	2	2	0	0	20	-	30	50	-	
Semester-II														
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group C	1	PRD502	Plasticity & Metal Forming	Core	4	3	0	2	15	25	20	40	-	17
	2	PRD504	Casting Technology	Core	4	3	0	2	15	25	20	40	-	
Group D	3	PRD5402/5404/.....	Elective 4	Elective	4	3/4	0	2/0	15/20	25/0	20/30	40/50	-	
	4	PRD5302/5304/.....	Elective 5	Elective	3	3	0	0	20	-	30	50	-	
	5	PRD5202/5204/...../ UEC5202/5204/.....	Elective 6/ University Elective II	Elective	2	2	0	0	20	-	30	50	-	
Semester-III														
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group E	Track 1													12
	1	PRD651	Research Project	Core	12	0	0	12	0	-	0	100	-	
	Track 2													
	1	PRD601	Major Project I	Core	3						40	60		

	2	PRD6401/6403/.....	Elective 7	Elective	4	3/4	0	2/0	15/20	25/0	20/30	40/50	-	
	3	PRD6301/6303/.....	Elective 8	Elective	3	3	0	0	20	-	30	50	-	
	4	PRD6201/6203/.....	Elective 9	Elective	2	2	0	0	20	-	30	50	-	
Semester-IV														
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE	Total Credits
Group F	Track 1													12
	1	PRD652	Research Project	Core	12	0		12	0	-	0	100	-	
	Track 2													
	1	PRD602	Major Project II	Core	12	0		12	0	-	0	100	-	

LIST OF ELECTIVES :													
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 1	1	PRD5401	Computer Aided Design / Computer Aided Manufacturing	Elective	4	3/4	0	2/0	15/20	25/0	20/30	40/50	-
	2	PRD5403	Computer Integrated Manufacturing Systems		4	3/4	0	2/0	15/20	25/0	20/30	40/50	-
	3	PRD5405	Mechatronics		4	3/4	0	2/0	15/20	25/0	20/30	40/50	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 2	1	PRD5301	Principles of Machine Tools	Elective	3	3	0	0	20	-	30	50	-
	2	PRD5303	Automation in Manufacturing		3	3	0	0	20	-	30	50	-
	3	PRD5305	Process Engineering		3	3	0	0	20	-	30	50	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 3	1	PRD5201	Seminar	Elective	2	2	0	0	2	-	-	100	-
	2	PRD5203	Operation Research		2	2	0	0	20	-	30	50	-
	3	PRD5205	Optimization Techniques		2	2	0	0	20	-	30	50	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 4	1	PRD5402	Metrology	Elective	4	3/4	0	2/0	15/20	25/0	20/30	40/50	-
	2	PRD5404	Methods Engineering and Ergonomics		4	3/4	0	2/0	15/20	25/0	20/30	40/50	-
	3	PRD5406	Composite Materials and Processing		4	3/4	0	2/0	15/20	25/0	20/30	40/50	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 5	1	PRD5302	Minor Project	Elective	3	0	0	-	-	-	40	60	-
	2	PRD5304	Maintenance Management		3	3	0	0	20	-	30	50	-
	3	PRD5306	Managerial Concept & Organizational Behaviour		3	3	0	0	20	-	30	50	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 6	1	PRD5202	Industrial Quality Control	Elective	2	2	0	0	20	-	30	50	-
	2	PRD5204	Supply Chain Management		2	2	0	0	20	-	30	50	-
	3	PRD5206	Production & Operation Management		2	2	0	0	20	-	30	50	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 7	1	PRD6401	Advanced Machining Processes	Elective	4	3/4	0	2/0	15/20	25/0	20/30	40/50	-
	2	PRD6403	Precision Engineering		4	3/4	0	2/0	15/20	25/0	20/30	40/50	-

	3	PRD6405	Surface Engineering		4	3/4	0	2/0	15/20	25/0	20/30	40/50	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 8	1	PRD6301	Robotics	Elective	3	3	0	0	20	-	30	50	-
	2	PRD6303	Design for Manufacturing and Assembly		3	3	0	0	20	-	30	50	-
	3	PRD6305	Reliability Engineering		3	3	0	0	20	-	30	50	-
	S. No.	Course Code	Course Name	Type/Area	Cr	L	T	P	CWS	PRS	MTE	ETE	PRE
Elective 9	1	PRD6201	IT in manufacturing Enterprise	Elective	2	2	0	0	20	-	30	50	-
	2	PRD6203	Materials Management		2	2	0	0	20	-	30	50	-
	3	PRD6205	Project Management		2	2	0	0	20	-	30	50	-