









S.No	Course Code	Course Name	Category	L	T	P	S	Cr	Pre-Req.	PO												PSO				
										1	2	3	4	5	6	7	8	9	10	11	12	1	2			
82	18ME4091	Artificial Intelligence for Robotics	Prof. Electives (Robotics and Mechatronics )	2	0	2	0	3	Nil	1		2	2													
83	18ME4092	Automation System Design		2	0	2	0	3	Nil	1	2		2													
84	18ME4093	Industrial Automation and Control		2	0	2	0	3	Nil	1		2	2													
85	18ME4094	Industrial Hydraulic and Pneumatic Systems		2	0	2	0	3	Nil	1	2	2	2													
86	18ME4095	Industrial Robotics and Material Handling Systems		2	0	2	0	3	Nil	1		2	2													
87	18ME4096	Micro Controllers and PLC		2	0	2	0	3	Nil	2		2														
88	18ME4097	Mechatronics System Design		2	0	2	0	3	Nil	1		2	2													
89	18ME4101	Programming Skills	Prof. Electives (Soft computing and Data Analytics)	2	0	2	0	3	Nil	2				2												
90	18ME4102	Data Analytics		2	0	2	0	3	Nil	2				2												
91	18ME4103	Python		2	0	2	0	3	Nil	2				2												
92	18ME4104	Machine Learning		2	0	2	0	3	18ME4102	2				2												
93	18ME4105	Artificial Intelligence		2	0	2	0	3	18ME4102	2	2			2												
94	18ME4106	Fuzzy Logic and Neural Networks		2	0	2	0	3	Nil	1	1			1												
95	18ME4107	Robotics		2	0	2	0	3	Nil	1		1														
96	18ME40B4	Mechatronics	Open Electives	3	0	0	0	3	NIL		2	2														
97	18ME40B5	Robotics		3	0	0	0	3	NIL			2	2													
98	18ME40B6	Operations Research		3	0	0	0	3	NIL				2													
99	18IE2246	Industrial Training	Project	0	0	0	0	2	NIL		2			2					2							
100	18IE3247	Term Paper		0	0	4	0	2	NIL		2		2						2							
101	18IE4048	Project (Part I)		0	0	0	24	6	NIL		3		3						2							
102	18IE4049	Project (Part II)		0	0	0	24	6	NIL		3			3					2							
103	18IE4050	Practice School		0	0	0	24	6	NIL		3			3					2							
104	18IE4051	Internship		0	0	0	24	6	NIL		3			3					2							
No. of Courses mapped to each PO										71	42	35	28	28	5	5	5	14	11	10	3	11	10			