

Semester I (IoT)							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
1	MTCS101	Mathematics and Statistical Foundations	3	0	0	3	
2	MTCS102	Advanced Data Structure and Algorithm	3	0	4	5	
3	MTCS106	IoT Architecture, Process and Platforms	3	0	4	5	
4	MTCS107	Introduction to Machine Learning	3	0	0	3	
5	MTCS105	Research Methodology and Intellectual Property	2	0	0	2	
Total						18	

Semester I (AI/ML)							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
1	MTCS101	Mathematics and Statistical Foundations	3	0	0	3	
2	MTCS102	Advanced Data Structure and Algorithm	3	0	2	4	
3	MTCS103	Fundamentals of Artificial Intelligence and Machine learning	3	0	2	4	
4	MTCS104	Data Science for Engineers	3	0	0	3	
5	MTCS105	Research Methodology and Intellectual Property	2	0	0	2	
Total						16	

Semester – II (IoT)							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
1	MTCS201	NPTEL Course	3	0	0	3	
2	MTCS206	Robotics and Process Automation	3	0	4	5	
3	MTCS207	Data Analytics for IoT	3	0	4	5	
4	MTCS208	Computer Vision	3	0	0	3	
5	MTCS209	Elective -I	3	0	2	4	
Total						20	

Semester – II (AI/ML)							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
1	MTCS201	NPTEL Course	3	0	0	3	
2	MTCS202	Computer Vision	3	0	2	4	
3	MTCS203	Big Data Analytics	3	0	2	4	
4	MTCS204	Deep Neural Network and its Applications	3	0	0	3	
5	MTCS205	Elective -I	3	0	2	4	
Total						18	

Semester – III (IoT)							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
1	MTCS301	Seminar on emerging trends in AI & ML	0	0	12	6	
2	MTCS302	Dissertation-I / Industry Project	0	0	20	10	
Total						16	

Semester – III (AI/ML)							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
1	MTCS301	Seminar on emerging trends in AI & ML	0	0	12	6	
2	MTCS302	Dissertation-I / Industry Project	0	0	20	10	
Total						16	

Semester – IV (IoT)							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
1	MTCS401	Dissertation-II / Industry Project	0	0	32	16	
Total						16	

Semester – IV (AI/ML)							
Sr. No.	Course Code	Course Title	L	T	P	C	Marks
1	MTCS401	Dissertation-II / Industry Project	0	0	32	16	
Total						16	