

M. Tech. (Electronics & Telecommunication)

Course Code	Course Name Tutorial	Semester-I											Credits			
		Teaching Scheme (Hours/Week)			Examination Scheme and Marks								LECT	TW/PR	TUT	Total
		Lectures	Tutorial	Practical	MSE-I	MSE-II	TA	ESE	TW	PR/OR	Total					
MTM101	Research Methodology and IPR	3	1	-	15	15	20	50	-	-	100	3	-	1	4	
MTE 102	Advance Digital Signal Processing	3	-	-	15	15	20	50	-	-	100	3	-	-	3	
MTE 103	Advance Digital Communication System	3	-	-	15	15	20	50	-	-	100	3	-	-	3	
MTE 104	Wireless Sensor Network	3	-	-	15	15	20	50	-	-	100	3	-	-	3	
MTE 121-126	Professional Elective-I	3	-	-	15	15	20	50	-	-	100	3	-	-	3	
MTE 111	Lab -I Advance Digital Signal Processing	-	-	2	-	-	-	-	25	-	25	-	1	-	1	
MTE 112	Lab -II Advance Digital Communication System	-	-	2	-	-	-	-	25	-	25	-	1	-	1	
MTE 113	Lab-III Wireless Sensor Network	-	-	2	-	-	-	-	25	-	25	-	1	-	1	
MTE 114	Seminar	-	-	4	-	-	-	-	-	50	50	-	2	-	2	
Total (Semester-I)		15	1	10	75	75	100	250	75	50	625	15	5	1	21	

Semester-II

Course Code	Course Name	Teaching Scheme (Hours/Week)					Examination Scheme and Marks					Credits			
		Lectures	Tutorial	Practical	MSE-I	MSE-II	TA	ESE	TW	PR/OR	Total	LECT	TW/PR	TUT	Total
MTE 141	Optimization Techniques	3	1	-	15	15	20	50	-	-	100	3	-	1	4
MTE 142	Digital Audio Processing	3	-	-	15	15	20	50	-	-	100	3	-	-	3
MTE 143	VLSI Design Verification & Testing	3	-	-	15	15	20	50	-	-	100	3	-	-	3
MTE 144	Image Processing and Computer Vision	3	-	-	15	15	20	50	-	-	100	3	-	-	3
MTE 161-166	Professional Elective-II	3	-	-	15	15	20	50	-	-	100	3	-	-	3
MTE 151	Lab -I VLSI Design Verification	-	-	2	-	-	-	-	25	-	25	-	1	-	1
MTE 152	Lab -II Image Processing & Computer Vision	-	-	2	-	-	-	-	25	-	25	-	1	-	1
MTE 153	Lab-III Optimization Techniques	-	-	2	-	-	-	-	25	-	25	-	1	-	1
MTE 154	Minor Project	-	-	4	-	-	-	-	-	50	50	-	2	-	2
Total (Semester-II)		15	1	10	75	75	100	250	75	50	625	15	5	1	21

MSE- Mid Semester Exam, ESE- End Semester Exam, LECT -Lectures, OR- Oral, TA-Teacher Assessment, TW- Term Work, PR- Practical, TUT- Tutorial

M. Tech (First Year)

Grand Total				150	150	200	500	150	100	1250	30	10	2	42
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A.
Maharashtra
Maharashtra
Aurangabad.

[Signature]
Director
Maharashtra Institute of Technology,
Aurangabad.

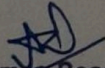
Professional Elective Courses-I

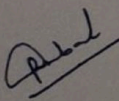
Group A	Group B	Group C
MTE121-Internet of Things MTE122-System on Chip	MTE123- Antennas and Wave Propagation MTE124 -Satellite Communication	MTE125- Information Security MTE126 -Artificial Intelligence and Machine Learning

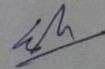
Professional Elective Courses-II

Group A	Group B	Group C
MTE 161-Industry 4.0 MTE 162-Automotive Embedded System	MTE163 -Remote Sensing MTE164-Voice & Data Network	MTE165 -Data Analytics MTE 166 -Block Chain

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Director
Maharashtra Institute of Technology,
Aurangabad.

Semester-III

Course Code	Course Name	Teaching Scheme (Hours/Week)			Examination Scheme and Marks							Credits			
		Lectures	Tutorial	Practical	MSE-I	MSE-II	TA	ESE	TW	PR/OR	Total	LECT	TW/PR	TUT	Total
MTE 201	MOOC Course	3	-	-	-	-	-	100	-	-	100	3	-	-	3
MTE 211	Dissertation-I	-	-	18	-	-	-	-	50	100	150	-	9	-	9
Total (Semester-III)		3		18				100	50	100	250	3	9	-	12

Semester-IV

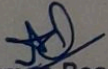
Course Code	Course Name	Teaching Scheme (Hours/Week)			Examination Scheme and Marks							Credits			
		Lectures	Tutorial	Practical	MSE-I	MSE-II	TA	ESE	TW	PR/OR	Total	LECT	TW/PR	TUT	Total
MTE 251	Dissertation-II	-	-	24	-	-	-	-	100	100	200	-	12	-	12
Total (Semester-IV)				24					100	100	200	-	12	-	12

M. Tech (Second Year)

Grand Total								100	150	200	450	3	21	-	24
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Grand Total (Electronics & Telecommunication)

Grand Total M. Tech	3	-	-	150	150	200	600	300	300	1700	33	31	2	66
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