

**M.Tech Course**

S.No	Name of the Branch	Semester			
		1 <sup>st</sup>		2 <sup>nd</sup>	
		Course Name	Playlist link	Course Name	Playlist link
1.	CSE - COMPUTER SCIENCE AND ENGINEERING	22MCS1001- Mathematical Foundations of Computer Science	<a href="#">(4) Graph Theory - YouTube</a>	22MCS1009- Machine Learning	<a href="#">(4) Machine Learning - YouTube</a>
		22MCS1002-Advanced Algorithms and Design	<a href="#">(4) Pattern Matching Algorithms - YouTube</a>	22MCS1010-Object Oriented Software Engineering	
		22MCS1006- Data Warehousing and Data Mining	<a href="#">(4) Data Warehousing and online analytical processing - YouTube</a>	22MCS1011-Cloud Computing	<a href="#">(4) Cloud Computing - YouTube</a>
		22MCS1008- Cryptography and Network Security	<a href="#">(4) IP Security - YouTube</a>	22MCS1012-Sensor Networks and Internet of Things	<a href="#">(4) Wireless Sensor Networks - YouTube</a>
				22MCS1013-Computer Vision and Image Processing	<a href="#">(4) Computer Vision and Image Processing - YouTube</a>
2.	CIVIL - STRUCTURAL ENGINEERING	22MSE1001-Advanced Structural Analysis	<a href="#">(4) Topic-1 - YouTube</a>	22MSE1009- Finite Element Analysis	<a href="#">(4) FEM - YouTube</a>
		22MSE1002-Analytical and Numerical Methods for Structural Engineering		22MSE1010-Structural Dynamics	
		22MSE1004-Advanced Concrete Technology	<a href="#">(4) FRC-Fiber Reinforced Concrete - YouTube</a>	22MSE1012- Design of Formwork	<a href="#">(4) Form Work - YouTube</a>
		22MSE1006- Advanced Solid Mechanics	<a href="#">(4) Plane Strain - YouTube</a>	22MSE1014- Design of Advanced Concrete Structures	<a href="#">(4) STRUCTURAL ENGINEERING - YouTube</a>
				22MSE1017 -Design of Pre stressed Concrete Structures	
3.	ECE - VERY LARGE SCALE INTEGRATION SYSTEM DESIGN(VLSI)	Digital Design through HDL		Mixed Signal IC Design	
		Digital Signal and Image Processing	<a href="#">(4) Discrete-Time Signals and Systems - YouTube</a>	Design of Fault Tolerant Systems	
		DSP Processors and Architecture	<a href="#">(4) Architectures for Programmable Digital Signal Processing Devices - YouTube</a>	Low Power VLSI Design	
		Digital System Design		CPLD and FPGA Architecture and Applications	
				System Modelling & Simulation	
4.	EEE - POWER ELECTRONICS & ELECTRIC DRIVES	22MPE1001- Power electronic control of DC drives	<a href="#">(4) Chopper-Controlled DC Motor Drives-I - YouTube</a>	22MPE1009- Power electronic control of AC drives	
		22MPE1002-Modeling and Analysis of Electrical Machines		22MPE1010- Switched mode power converters	
		22MPE1003-Analysis of Power electronic converters		22MPE1013- Advanced digital signal processing and applications	<a href="#">(4) DFT - YouTube</a>
		22MPE1006- Programmable logic controllers		22MPE1015- Non-conventional energy sources and applications	<a href="#">(4) Solar Applications - YouTube</a>
				22MPE1018- FACTS and Custom Power Devices	

5.	ME - THERMAL ENGINEERING	22MTE1001-Advanced Thermodynamics		22MTE1007- Advanced Heat Transfer	
		22MTE1002 Advanced Fluid Dynamics		22MTE1008- Computational Fluid Dynamics	
		22MTE1004-Turbo Machinery	<a href="#">(4) TURBO MACHINERY - YouTube</a>	22MTE1010- Experimental methods in Thermal Engineering	
		22MTE1005 Air Conditioning System Design		22MTE1011- IC Engines and Combustion	
				22MTE1013- Design of Solar and Wind Systems	