

Course Outcomes		Department -	Civil Engineering
Course Title:	Advanced Mathametics		
Subject Code:	MTCM- 101		
Program:	M.Tech	Semester : I	
Credits:	T-3+1	P- NIL	Total : 04
Course Outcome			
1	Student should able to know Solution ofPartial differential Equation, Numerical solutions using FEM		
2	Student should able to know Probability, elementary concept of Estimastion & Theory of Hypothesis..		
3	Student should able to know Stochastic process, marco process, transition probability		
4	Student should able to knowOperation of fuzzy set, fuxxy arithmetic and relation.		
5	Student should able to knowDerivation of reliability functions, failure rate.		
Course Outcomes		Department -	Civil Engineering
Course Title:	Composite Material		
Subject Code:	MTCM- 102		
Program:	M.Tech	Semester : I	
Credits:	T-3+1	P-NIL	Total : 04
Course Outcome			
1	Student should able to understand Fibre Reinforced Concrete		
2	Student should able to understand Fly Ash Concrete & Polymer Concrete		
3	Student should able to understand Ferro Cement & High Performance Concrete		
4	Should have detailed knowledge of Sulphur Concrete & Sulphur Infiltrate Concrete		
5	Should able to know about Light Weight Concrete		
Course Outcomes		Department -	Civil Engineering
Course Title:	Geotechnical Engineering		
Subject Code:	MTCM- 103		

Program:	M.Tech		Semester : I
Credits:	T-3+1	P-NIL	Total : 04
Course Outcome			
1	Student should able to understand Stress Distribution in soils		
2	Student should able to understand Well Foundations & Cofferdams .		
3	Student should able to understand & Design Machine Foundations		
4	Student should able to understand & Design Foundations on Expansive Soils		
5	Student should able to Mechanical properties of rocks, mechanics of rock, deformation and fracture .		
<b>Course Outcomes</b>			
		<b>Department -</b>	<b>Civil Engineering</b>
Course Title:	Concrete Construction Technology		
Subject Code:	MTCM- 104		
Program:	M.Tech		Semester : I
Credits:	T-3+1	P-NIL	Total : 04
Course Outcome			
1	Student should able to know Strength, Permeability & Durability. Principles of Concrete mix design		
2	Student should able to know Concreting Operations-Practices and Equipment .		
3	Student should able to understand Special concrete operations, shotcrete, grouting, Guniting		
4	Student should able to understand Prestressed concrete construction-Principle, methods, materials		
5	Student should able to understand Inspection and Quality Control of Concrete Construction-Stages		
<b>Course Outcomes</b>			
		<b>Department -</b>	<b>Civil Engineering</b>
Course Title:			
Subject Code:	MTCM- 105		
Program:	M.Tech		Semester : I
Credits:	T-3+1	P-NIL	Total : 04
Course Outcome			
1	Student should able to know Soil, Fly ash, ferrocement, Lime, Fibers, Stone Dust.		
2	Student should able to know Low cost building material products.		
3	Student should able to understand Low cost construction Techniques and Equipment		
4	Student should able to understand Low cost sanitation		
5	Student should able to understand Cost analysis and comparison		

<b>Course Title:</b>	<b>Lab-I (Material Testing-I)</b>
<b>Course Code:</b>	<b>MTCM-106</b>

<b>Program:</b>	<b>M.Tech.</b>	<b>Semester - II</b>
<b>Credits:</b>	<b>T - Nil      P - 06</b>	<b>Total - 06</b>
<b>Course Outcome</b>		
<b>1</b>	<b>To understand the basic knowledge of Indian Standard Light Compaction Test.</b>	
<b>2</b>	<b>To be able to understand the use of Indian Standard Heavy Compaction Test.</b>	
<b>3</b>	<b>To get to know about the use of Determination of field density.</b>	
<b>4</b>	<b>To understand CBR Test</b>	
<b>5</b>	<b>To understand the concept of Design of concrete mix.</b>	

<b>Course Title:</b>	<b>Lab-II (Software lab-II)</b>	
<b>Course Code:</b>	<b>MTCM-207</b>	
<b>Program:</b>	<b>M.Tech.</b>	<b>Semester : II</b>
<b>Credits:</b>	<b>T-Nil      P-6</b>	<b>Total-6</b>
<b>Course Outcome</b>		
<b>1</b>	<b>To be able to understand the concept of Auto CAD.</b>	
<b>2</b>	<b>To understand the STAAD Pro.</b>	
<b>3</b>	<b>To get to know about the Auto Plotter</b>	
<b>4</b>	<b>To be able to understand the 3DS Max</b>	





