

<b>Course Outcomes</b>		<b>Department -</b>	<b>Civil Engineering</b>
<b>Course Title: Engineering Mathematics-III</b>			
<b>Course Code: BT-401</b>			
<b>Program: B.Tech (CE)</b>		<b>Semester - IV</b>	
<b>Credits: T- 3+1</b>		<b>P- Nil</b>	<b>Total-4</b>
<b>Course Outcome</b>			
1	To give knowledge of functions of Complex Variables and its different applications.		
2	Numerical Analysis by using Trapezoidal method, Simson's rule		
3	To study solutions of algebraic and transcendental equations by using different methods.		
4	Solutions of ordinary differential equations by using Picard's method, Euler method, modified Euler's method, Runge method and Runge Kutta method.		
5	To study two variable problems and solution by graphical and simplex methods		
<b>Course Outcomes</b>		<b>Department -</b>	<b>Civil Engineering</b>
<b>Course Title: Concrete Technology</b>			
<b>Course Code: BT-402</b>			
<b>Program: B.Tech (CE)</b>		<b>Semester - IV</b>	
<b>Credits: T- 3+1</b>		<b>P- Nil</b>	<b>Total-4</b>
<b>Course Outcome</b>			
1	Classification, properties, grades, advantage & disadvantages and testing of concrete and Ingredients of concrete		
2	Study of properties of Fresh and Hardened Concrete		
3	Design of Concrete mix with different methods such as i.s. Code method, computer aided design of concrete mix.		
4	Study of Production and Quality Control of Concrete		
5	Study of different Special Concretes such as ready mix concrete, fiber reinforced concrete, prestressed concrete		
<b>Course Outcomes</b>		<b>Department -</b>	<b>Civil Engineering</b>
<b>Course Title: Construction Material and Techniques</b>			
<b>Course Code: BT-403</b>			
<b>Program: B.Tech (CE)</b>		<b>Semester - IV</b>	
<b>Credits: T- 3+1</b>		<b>P- 2</b>	<b>Total-6</b>
<b>Course Outcome</b>			
1	Study of different building materials such as stone, timber, brick, tiles etc.		
2	Study of different advance building materials such as Use of fly ash in mortars, concrete, fly ash bricks, Stabilized mud blocks, d.p.c etc.		
3	To give the knowledge of different type of soils, bearing capacity, soil stabilization and design of different types of foundation		
4	To give the knowledge of different types masonry walls such as load bearing and non load bearings its plastering and pointing too.		
5	Study of different types of floors and roofs and study of different services such as water supply & drainage, electrification, fire protection etc.		
<b>Course Outcomes</b>		<b>Department -</b>	<b>Civil Engineering</b>

<b>Course Title:</b>	<b>Surveying-I</b>		
<b>Course Code:</b>	<b>CET-404</b>		
<b>Program:</b>	<b>B.Tech (CE)</b>	<b>Semester - IV</b>	
<b>Credits:</b>	<b>T- 3+1</b>	<b>P- 2</b>	<b>Total-6</b>
<b>Course Outcome</b>			
<b>1</b>	To give the knowledge of traversing with the help of theodolite using different methods.		
<b>2</b>	To give the knowledge of techometry using in the field for the purpose of survey, also the knowledge of contouring.		
<b>3</b>	Study of different types of curves use in the field and its plotting using the surveying instruments.		
<b>4</b>	To give the knowledge of control survey, how to control survey in the field by surveyor.		
<b>5</b>	To study of hydrographic survey by using different method, use of remote sensing in the field in civil engineering.		
<b>Course Outcomes</b>			
		<b>Department -</b>	<b>Civil Engineering</b>
<b>Course Title:</b>			
<b>Fluid Mechanics -I</b>			
<b>Course Code:</b>			
<b>CET-405</b>			
<b>Program:</b>		<b>Semester - IV</b>	
<b>B.Tech (CE)</b>			
<b>Credits:</b>			
<b>T- 3+1</b>		<b>P- 2</b>	<b>Total-6</b>
<b>Course Outcome</b>			
<b>1</b>	Study of different types of properties of fluid, fluid pressure, buoyancy and floatation		
<b>2</b>	Kinematics of Flow, ideal & real , steady & unsteady, uniform & nonuniform path lines streamlines; continuity equation flow nets- their utility.		
<b>3</b>	To give the knowledge of Dynamics of Flow, Bernoulli's equation, Momentum equation, Fluid measurements.		
<b>4</b>	Study of Dimensional Analysis and Dynamic Similitude using buckingham-pi theorem, similarity Laws, specific model investigations		
<b>5</b>	Introduction to laminar & turbulent flow, reynolds experiment flow through circular pipes.		
<b>Course Outcomes</b>			
		<b>Department -</b>	<b>Civil Engineering</b>
<b>Course Title:</b>			
<b>Professional Skills –II</b>			
<b>Course Code:</b>			
<b>CET-406</b>			
<b>Program:</b>		<b>Semester - IV</b>	
<b>B.Tech (CE)</b>			
<b>Credits:</b>			
<b>T- Nil</b>		<b>P- 2</b>	<b>Total-2</b>
<b>Course Outcome</b>			
<b>1</b>	Elements of Effective Presentation : Body language; dress, posture, gestures, eye contact and facial expression, connecting with the audience during presentation; basics of public speaking; preparing for a speech.		
<b>2</b>	Presentation of any given subject using effective voice and language using OHP, LCD, projector, white board.		
<b>Course Title:</b>			
<b>Java Programming</b>			
<b>Course Code:</b>			
<b>CET-407</b>			
<b>Program:</b>		<b>Semester - IV</b>	
<b>B.Tech (CE)</b>			
<b>Credits:</b>			
<b>T- Nil</b>		<b>P- 2</b>	<b>Total-2</b>
<b>Course Outcome</b>			
<b>1</b>	To give the detail knowledge of java programming to the students.		
<b>2</b>	To give the knowledge of different types of programming with java classes with its objects.		
<b>3</b>	To study of Advance java features such as multithreading and networking.		
<b>4</b>	To study of advance JAVA technologies such as Servlets and java server pages (jsp).		
<b>5</b>	To give detail knowledge of Advance web/internet programming like J2ME, J2EE, EJB, and XML.		

<b>Course Title:</b>	<b>Computer Aided Engineering Drawing - II</b>		
<b>Course Code:</b>	<b>CET-408</b>		
<b>Program:</b>	<b>B.Tech (CE)</b>	<b>Semester - IV</b>	
<b>Credits:</b>	<b>T- Nil</b>	<b>P- 2</b>	<b>Total-2</b>
<b>Course Outcome</b>			
1	Practicing plan, section and elevation of residential buildings		
2	Practicing plan, section and elevation of commercial buildings		
3	Practicing plan, elevation and side view of institutional buildings		

