



SCHOOL OF RESEARCH & TECHNOLOGY

AN ISO 9001: 2008 Certified Institute

Course Outcomes		Department -	Civil Engineering
Course Title:	Design of Steel Structure-I		
Course Code:	CET-701		
Program:	B.Tech (CE)		Semester - VII
Credits:	T- 3+1	P- Nil	Total- 4
Course Outcome			
1	To give overview about the structural properties of steel and Designing of various connections.		
2	To give the knowledge of designing of compression members, tension members, roof trusses - angular & tubular, lattice girders.		
3	To give the knowledge of designing simple beams, built-up beams, plate girders and gantry girders.		
4	To give the knowledge of design of columns-simple and compound, lacings & battens. Design of footings for steel structures, grillage foundation.		
5	To give the knowledge of design of industrial building frames, multistory frames, bracings for high rise structures, design of transmission towers.		
Course Outcomes			
Course Outcomes		Department -	Civil Engineering
Course Title:	Traffic Engineering		
Course Code:	CET-7101		
Program:	B.Tech (CE)		Semester - VII
Credits:	T- 3+1	P- Nil	Total- 4
Course Outcome			
1	To give detailed information about the Road User's Characteristics, Vehicular Characteristics.		
2	To give detailed information about the Traffic Studies, Traffic capacity, Parking studies		
3	To give the knowledge of Traffic Operations and Control, Traffic signals- isolated signals		
4	To give the knowledge of Street Lighting, and different types of light sources used for street lighting.		
5	To give the knowledge of Accident Studies & Mass Transportation,		
Course Outcomes			
Course Outcomes		Department -	Civil Engineering
Course Title:	Cost effective and Eco Friendly Construction		
Course Code:	CET-7102		
Program:	B.Tech (CE)		Semester - VII
Credits:	T- 3+1	P- Nil	Total- 4
Course Outcome			
1	To give detailed information about Concepts of Energy Efficient & Environment Friendly Materials and Techniques		
2	To give detailed information about the Cost effective construction techniques and equipments		
3	To give the knowledge of Cost Effective Sanitation		
4	To give the knowledge of Low Cost Road Construction.		
5	To give the knowledge of Cost Analysis And Comparison.		
Course Outcomes			
Course Outcomes		Department -	Civil Engineering
Course Title:	Design of Hydraulic Structures		
Course Code:	CET-7103		
Program:	B.Tech (CE)		Semester - VII
Credits:	T- 3+1	P- Nil	Total- 4
Course Outcome			
1	To give detailed information about Gravity Dams.		
2	To give detailed information about the Earth And Rock Fill Dams .		
3	To give the detailed knowledge of Spillways.		
4	To give the knowledge of Energy Dissipations and Gates.		
5	To give the knowledge of Hydropower Plants.		
Course Outcomes			
Course Outcomes		Department -	Civil Engineering
Course Title:	Theory of Structur II		

Course Code:	CET-703		
Program:	B.Tech (CE)		Semester - VII
Credits:	T- 3+1	P- 2	Total- 6
Course Outcome			
1	Detail analysis about the Moment distribution method and kani's method		
2	To give the knowledge of designing and analysis of Plastic analysis of beams and frames		
3	To give the knowledge of Analysis of tall frames, wind and earthquake loads, multistory frames.		
4	To give the knowledge of Matrix method of structural analysis.		
5	To give the knowledge of Influence lines for intermediate structures.		
Course Outcomes			
		Department -	Civil Engineering
Course Title: Environmental Engineering - II			
Course Code:	CET-704		
Program:	B.Tech (CE)		Semester - VII
Credits:	T- 3+1	P- 2	Total- 6
Course Outcome			
1	Detail analysis about the Sewerage schemes and their importance		
2	To give the knowledge of Characteristics and analysis of waste water, cycles of decomposition		
3	To give the knowledge of Unit operations for waste water treatment, preliminary treatment such as screens		
4	To give the knowledge of Methods of biological treatment (theory & design)		
5	To give the knowledge of Advanced waste water treatment - diatomaceous earth filters		
Course Outcomes			
		Department -	Civil Engineering
Course Title: Steel Structure Lab-I			
Course Code:	CET-705		
Program:	B.Tech (CE)		Semester - VII
Credits:	T- Nil	P- 2	Total- 2
Course Outcome			
1	To give the knowledge of design of industrial building frames		
2	To give the knowledge of bracings for high rise structures		
3	To give the knowledge of design of columns-simple and compound		
Course Outcomes			
		Department -	Civil Engineering
Course Title: Major Project – I			
Course Code:	CET-706		
Program:	B.Tech (CE)		Semester - VII
Credits:	T- Nil	P- 6	Total- 6
Course Outcome			
1	The Major Project Work provides students an opportunity to do something on their own and under the supervision of a guide.		
2	It also give the knowledge of Each student shall work on an approved project, which should be selected from some real life problem as far as possible		
Course Outcomes			
		Department -	Civil Engineering
Course Title: Industrial Training II			
Course Code:	CET-707		
Program:	B.Tech (CE)		Semester - VII
Credits:	T- Nil	P- 4	Total- 4
Course Outcome			
1	Give the knowledge of The objective of undertaking industrial training is to provide work experience so that student's engineering knowledge is enhanced and employment prospects are improved.		
2	It also give the knowledge of Industrial training of the students is essential to bridge the wide gap between the classroom and industrial environment.		