



SCHOOL OF RESEARCH & TECHNOLOGY

AN ISO 9001: 2008 Certified Institute

Course Outcomes		Department -	Civil Engineering
Course Title:	Design of Steel Structures – II □		
Course Code:	CET-801		
Program:	B.Tech (CE)	Semester - VIII	
Credits:	T- 3+1	P- Nil	Total- 4
Course Outcome			
1	To give the knowledge of about the Plate Girder Bridges.		
2	To give the knowledge of Trussed Girder Bridges for Railways and Highways.		
3	To give the knowledge of Water Tanks, Pressed Steel Tanks.		
4	To give the knowledge of design of Chimneys: Guyed and Self Supporting Steel Stacks.		
5	To give the knowledge of design of Bunkers, Silos & Towers.		
Course Outcomes			
Course Outcomes		Department -	Civil Engineering
Course Title:	Pavement Design		
Course Code:	CET-8101		
Program:	B.Tech (CE)	Semester - VIII	
Credits:	T- 3+1	P- Nil	Total- 4
Course Outcome			
1	To give the knowledge of about the Equivalent Single Wheel Load (ESWL).		
2	To give the knowledge of Flexible Pavements.		
3	To give the knowledge of Rigid Pavements.		
4	To give the knowledge of Rigid Pavement Design.		
5	To give the knowledge of Evaluation And Strengthening of Existing Pavements.		
Course Outcomes			
Course Outcomes		Department -	Civil Engineering
Course Title:	Structural Dynamic & Earthquake Engineering		
Course Code:	CET-8102		
Program:	B.Tech (CE)	Semester - VIII	
Credits:	T- 3+1	P- Nil	Total- 4
Course Outcome			
1	To give the knowledge about the Fatigue concept, failure, stress etc.		
2	To give the knowledge about the Fatigue Testing Machines and making of Specimen and testing Procedures.		
3	Study about the creep of material with their various properties.		
4	Study about the Fracture of material with their various properties.		
5	To give the knowledge of Earthquake Resistant Design of Structures for various conditions.		
Course Outcomes			
Course Outcomes		Department -	Civil Engineering
Course Title:	Construction Planning and Management		
Course Code:	CET-8103		
Program:	B.Tech (CE)	Semester - VIII	
Credits:	T- 3+1	P- Nil	Total- 4
Course Outcome			
1	To give the knowledge about the Preliminary and Detailed Investigation Methods for any construction activity.		
2	To give the knowledge about the selection procedure for Construction Equipments .		
3	Study about the Contract procedure, Tender invitation, contract documents etc.		
4	Study about the Specifications & Public Works Accounts.		
5	To give the knowledge of Site Organization & Systems Approach to Planning.		

Course Outcomes		Department -	Civil Engineering
Course Title:	Geotechnical Engineering-II		
Course Code:	CET-803		
Program:	B.Tech (CE)	Semester - VIII	
Credits:	T- 3+1	P- 2	Total- 6
Course Outcome			
1	To give the knowledge about the Shallow Foundations and Bearing Capacity of Foundation		
2	To give the knowledge about the Deep Foundation and Pile Foundation		
3	Study about the Soil Improvement Techniques Compaction. Various Equipment for Field Compaction and their Suitability		
4	Study about the Soil Exploration and Foundations on Expansive and Collapsible Soil.		
5	To give the knowledge of Sheet Piles/Bulkheads and Machine Foundation:		
Course Outcomes		Department -	Civil Engineering
Course Title:	Estimation & Costing		
Course Code:	CET-804		
Program:	B.Tech (CE)	Semester - VIII	
Credits:	T- 3+1	P- Nil	Total- 4
Course Outcome			
1	To give the knowledge about the Principles of Estimating and Mode of Measurement		
2	To give the knowledge about the Rate Analysis and Rate of an Item and Current Schedule of Rates. (C.S.R.).		
3	Study about the Detailed Estimates Preparing Detailed Estimates of Various Types of Buildings, R.C.C. Works		
4	Study about the Cost Of Works: Factors Affecting Cost of Work, Overhead Charges.		
5	To give the knowledge about the Valuation Depreciation, Sinking Fund, Scrap Value.		
Course Outcomes		Department -	Civil Engineering
Course Title:	Steel Structure Lab-II		
Course Code:	CET-805		
Program:	B.Tech (CE)	Semester - VIII	
Credits:	T- Nil	P- 2	Total- 2
Course Outcome			
1	Designing of Plate Girder Bridges, Guyed and Self Supporting Steel Stacks, Pressed Steel Tanks, Tanks With Ordinary Plates, Square, Rectangular,		
Course Outcomes		Department -	Civil Engineering
Course Title:	Major Project-II		
Course Code:	CET-806		
Program:	B.Tech (CE)	Semester - VIII	
Credits:	T- Nil	P- 8	Total- 8
Course Outcome			
1	The student should prepare a working system or some design or understanding of a complex system that he has selected in the seventh semester using system analysis tools and submit the same in the form of a write-up i.e. detail project report.		
Course Outcomes		Department -	Civil Engineering
Course Title:	Professional Ethics and Proficiency		
Course Code:	CET-807		
Program:	B.Tech (CE)	Semester - VIII	
Credits:	T- Nil	P- 2	Total- 2
Course Outcome			
1	To give the knowledge of Business ethics, Etiquettes in social and office settings, Email etiquettes, Telephone Etiquettes		
2	To give the knowledge about the Communication and personality development		
3	To give the knowledge about the Career Oriental Communication covering, Resume and Biodata		
4	To give the knowledge about the Interview through telephone/video-conferencing.		
5	To give the knowledge of Power-point presentation: structure and format		