



SCHOOL OF RESEARCH & TECHNOLOGY

AN ISO 9001: 2008 Certified Institute

Course Outcomes	Department -	Civil Engineering
Course Title: Entrepreneurship & IPR		
Course Code: CET-501		
Program: B.Tech (CE)		Semester - V
Credits: T- 3+1	P- Nil	Total- 4
Course Outcome		
1	It gives the knowledge entrepreneurship, role of entrepreneur in different field Forms of business organizations/ownership - formation of a company etc.	
2	To give the knowledge of working of management, its qualities, Motivation Theories - motivation model, SWOT analysis and TA analysis to the students.	
3	Marketing, its different types, its impact, its importance. Finance, Break Even Points. Role of state and central government agencies in promotion of small scale industry.	
4	Different type of properties, negotiating payments terms in intellectual property transaction	
5	Knowledge of different types of Patent Law in the Entrepreneurship.	
Course Outcomes		
Department -		
Civil Engineering		
Course Title: Transportation Engineering - II		
Course Code: CET-502		
Program: B.Tech (CE)		Semester - V
Credits: T- 3+1	P- Nil	Total- 4
Course Outcome		
1	To tell about Highway Planning, Alignment & Geometric Design: Principles of highway planning to the students.	
2	It gives knowledge about Design of Bituminous & Cement Concrete Pavements WBM, WMM, BM, IBM, surfaces.	
3	It explain about Low Cost Roads, Drainage of Roads, Traffic Engg. & Transportation Planning, Surface and sub-surface drainage, highway materials to the students.	
4	In this unit it is Design of Airport Planning, Runway & Taxiway, Geometrical Elements etc.	
5	Detail knowledge of Airport, Obstructions, Lightning & Traffic Control.	
Course Outcomes		
Department -		
Civil Engineering		
Course Title: Design of R.C.C. Structures - I		
Course Code: CET-503		
Program: B.Tech (CE)		Semester - V
Credits: T- 3+1	P- 2	Total- 6
Course Outcome		
1	It gives knowledge of Basic Principles of Structural Design, Calculation of various loads for structural design.	
2	Detail Design of Beams for different shear and bond.	
3	Design of different types of Slabs, on way & Two way.	
4	Detail design of different Columns & Footings.	
5	Detail design of different types of Staircases.	
Course Outcomes		
Department -		
Civil Engineering		
Course Title: Surveying - II		
Course Code: CET-504		
Program: B.Tech (CE)		Semester - V
Credits: T- 3+1	P- 2	Total- 6
Course Outcome		
1	Different types of Modern Equipments for Surveying its application and their uses in the field.	
2	The detail knowledge of Astronomy & its use in the Surveying.	
3	GPS, its detail working and application in surveying.	
4	The knowledge of Photogrammetry, its working and application of photogrammetry in surveying.	
5	The knowledge of Remote sensing, its working and application of Remote Sensing in surveying.	
Course Outcomes		
Department -		
Civil Engineering		
Course Title: Fluid Mechanics - II		
Course Code: CET-505		
Program: B.Tech (CE)		Semester - V
Credits: T- 3+1	P- 2	Total- 6
Course Outcome		
1	It gives the knowledge of different types of flows and its related problems, Pipe Network, water hammer. Transmission of power.	
2	To study Uniform Flow in Open Channels, specific energy, critical flow.	
3	To study about different types of Non uniform flow in Open Channels	
4	To give the knowledge of different types of Forces on Immersed Bodies such as sphere, cylinder, flat plate	
5	Study of different types of turbines and pumps its working and application	
Course Outcomes		
Department -		
Civil Engineering		
Course Title: Software Lab		
Course Code: CET-507		
Program: B.Tech (CE)		Semester - V
Credits: T- Nil	P- 2	Total- 2
Course Outcome		
1	Study of MATLAB programming environment, Modeling, Design and development of Program.	
2	Study of MATLAB Workspace, Working with Vectors, Matrices.	
3	To give the knowledge of Computing reaction forces, internal shear force and bending moment acting on a truss. Study of Fluid Mechanics and Heat Transfer and its logistic equation.	
Course Outcomes		
Department -		
Civil Engineering		
Course Title: Industrial Training - I		
Course Code: CET-508		
Program: B.Tech (CE)		Semester - V
Credits: T- Nil	P- 2	Total- 2
Course Outcome		
1	It gives the knowledge and importance of industrial training for the engineering students. Its requirement after completion of our studies.	