



**SCHOOL OF RESEARCH & TECHNOLOGY**

AN ISO 9001: 2008 Certified Institute

Course Outcomes		Department -	Civil Engineering
Course Title:	Sanitary engineering		
Subject Code:	DCE-501		
Program:	Diploma		Semester : V
Credits:	T=3+1	P=Nil	Total : 04
Course Outcome			
1	Student should able to know Importance and necessity of sanitation		
2	Student should able to know Types of Sewers, Systems of Sewerage		
3	Student should able to know Characteristics of sewage, B.O.D./ C.O.D		
4	Student should able to know Objects of sewage treatment		
5	Student should able to know Environmental Sanitation Necessity and importance		

Course Outcomes		Department -	Civil Engineering
Course Title:	Material technology		
Subject Code:	DCE-502		
Program:	Diploma		Semester : V
Credits:	T=3+1	P=NIL	Total : 04
Course Outcome			
1	Student should able to know Importance of material Technology for Civil Engineer		
2	Student should able to know quarrying of stones, artificial or cast stones		
3	Student should able to know Physical properties of ordinary Portland cement (OPC		
4	Student should able to know cement mortar, special mortars		
5	Student should able to know Advantage and disadvantage of different materials		

Course Outcomes		Department -	Civil Engineering
Course Title:	Transportation engineering II		
Subject Code:	DCE-503		
Program:	Diploma		Semester : V
Credits:	T=3+1	P=2	Total : 06
Course Outcome			
1	Student should able to know Classification of roads according to Nagpur plan		
2	Student should able to know Traffic volume study		
3	Student should able to know objective of pavement, structure of pavement		
4	Student should able to know Parts and functions of hill road components		
5	Student should able to know Road side arboriculture, necessity		

Course Outcomes		Department -	Civil Engineering
Course Title:	Structural design and drafting II (Steel)		
Subject Code:	DCE-504		
Program:	Diploma		Semester : V
Credits:	T=3+1	P=2	Total : 06
Course Outcome			
1	Student should able to know Types of sections used, Hollow Square section		

2	Student should able to know Riveted connections, Types of rivets and their use
3	Student should able to know Types of Sections used in structure
4	Student should able to know : Types of column bases ,design of slab base
5	Student should able to know Types of steel roof truss & its selection

Course Outcomes		Department -	Civil Engineering
Course Title:	Soil mechanics technique I		
Subject Code:	DCE-505		
Program:	Diploma	Semester : V	
Credits:	T=3+1	P=2	Total : 06
Course Outcome			
1	Student should able to know : Definition and scope of soil mechanics		
2	Student should able to know Soil water, Permeability Determination of permeability		
3	Student should able to know Newmark's influence chart		
4	Student should able to know . Types of slope failures, Rotational slips		
5	Student should able to know Active, passive and earth pressure at rest		