

SANDIP UNIVERSITY, SIJOUL, MADHUBANI

Scheme of Teaching and Examinations for I SEMESTER DIPLOMA IN CIVIL ENGINEERING

Skill Based Diploma in Engineering Course

THEORY

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME							
			Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks A	Class Test (CT) Marks B	End Semester Exam.(ESE) Marks C	Total Marks (A+B+C)	Pass Marks ESE	Pass Marks in the Subject	Credits
1.	Applied Mathematics	CE101T	04	03	10	20	70	100	28	40	03
2.	Building Drawing	CE102T	03	03	10	20	70	100	28	40	03
3.	Building Construction	CE103T	03	03	10	20	70	100	28	40	03
4.	Engineering Mechanics	CE104T	03	04	10	20	70	100	28	40	03
5.	Concrete Technology	CE105T	03	03	10	20	70	100	28	40	03
Total :-			16				350	500			

PRACTICAL

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME					
			Periods per Week	Hours of Exam.	Practical (ESE)		Total Marks (A+B)	Pass Marks in the Subject	Credits
					Internal(A)	External(B)			
6.	Workshop Practice	CE106P	04	04	15	35	50	20	01
7.	Building Construction Lab	CE107P	03	04	15	35	50	20	01
Total :-			07				100		

TERM WORK

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME					
			Periods per Week	Marks of Internal Examiner (X)	Marks of External Examiner (Y)	Total Marks (X+Y)	Pass Marks in the Subject	Credits	
8.	Engineering Graphics	CE108P	02	07	18	25	10	01	
9.	Building Drawing	CE109P	02	15	35	50	20	01	
10.	Green Building	CE110P	03	07	18	25	10	02	
11.	Environment Science	CE111P	03	07	18	25	10	02	
12.	Concrete Technology	CE112P	02	07	18	25	10	01	
Total :-			12			150			
Total Periods per week Each of duration One Hour				33	Total Marks = 750				24

SANDIP UNIVERSITY, SIJOUL, MADHUBANI

Scheme of Teaching and Examinations for

II SEMESTER DIPLOMA IN CIVIL ENGINEERING

Skill Based Diploma in Engineering Course

THEORY

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME							
			Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks A	Class Test (CT) Marks B	End Semester Exam.(ESE) Marks C	Total Marks (A+B+C)	Pass Marks ESE	Pass Marks in the Subject	Credits
1.	Surveying	CE201T	02	03	10	20	70	100	28	40	02
2.	Mechanics of Structures	CE202T	03	03	10	20	70	100	28	40	03
3.	Geo Technical Engineering	CE203T	03	03	10	20	70	100	28	40	03
4.	Transportation Engineering	CE204T	03	03	10	20	70	100	28	40	03
5.	Hydraulics	CE205T	03	03	10	20	70	100	28	40	03
		Total :-	14				350	500			

PRACTICAL

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME					
			Periods per Week	Hours of Exam.	Practical (ESE)		Total Marks (A+B)	Pass Marks in the Subject	Credits
					Internal(A)	External(B)			
6.	Surveying Lab	CE206P	04	03	15	35	50	20	02
7.	Mechanics of Structures Lab	CE207P	03	03	15	35	50	20	01
8.	Geo Technical Engineering Lab	CE208P	02	03	15	35	50	20	01
9.	Hydraulics Lab	CE209P	04	03	15	35	50	20	02
		Total :-	13				200		

TERM WORK

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME					
			Periods per Week	Marks of Internal Examiner (X)	Marks of External Examiner (Y)	Total Marks (X+Y)	Pass Marks in the Subject	Credits	
10.	Rain water harvesting	CE210P	03	07	18	25	10	02	
11.	Computer Aided Drawing	CE211P	03	07	18	25	10	02	
		Total :-	06			50			
Total Periods per week Each of duration One Hour				33	Total Marks =			750	24

SANDIP UNIVERSITY, SIJOUL, MADHUBANI

Scheme of Teaching and Examinations for

III SEMESTER DIPLOMA IN MECHANICAL ENGINEERING

Skill Based Diploma in Engineering Course

THEORY

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME							
			Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks A	Class Test (CT) Marks B	End Semester Exam.(ESE) Marks C	Total Marks (A+B+C)	Pass Marks ESE	Pass Marks in the Subject	Credits
1.	Theory of Structure	CE301T	03	03	10	20	70	100	28	40	03
2.	Design of Steel Structure	CE302T	03	03	10	20	70	100	28	40	03
3.	Estimating and Costing	CE303T	03	04	10	20	70	100	28	40	03
4.	Highway Engineering	CE304T	04	03	10	20	70	100	28	40	04
5.	Irrigation Engineering	CE305T	03	03	10	20	70	100	28	40	03
Total :-			16				350	500			

PRACTICAL

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME					
			Periods per Week	Hours of Exam.	Practical (ESE)		Total Marks (A+B)	Pass Marks in the Subject	Credits
					Internal(A)	External(B)			
6.	Theory of Structure Lab	CE306P	02	03	15	35	50	20	01
7.	Design of Steel Structure Lab	CE307P	02	03	15	35	50	20	01
8.	Irrigation Engineering Lab	CE308P	02	03	15	35	50	20	01
Total :-			06				150		

TERM WORK

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME				
			Periods per Week	Marks of Internal Examiner (X)	Marks of External Examiner (Y)	Total Marks (X+Y)	Pass Marks in the Subject	Credits
9.	Technical Seminar	CE309P	02	07	18	25	10	01
10.	Estimating and Costing	CE310P	04	07	18	25	10	02
11.	Building Services and Entrepreneurship Development	CE311P	05	15	35	50	20	02
Total :-			11			100		
Total Periods per week Each of duration One Hour				33	Total Marks = 750			24

SANDIP UNIVERSITY, SIJOU, MADHUBANI

Scheme of Teaching and Examinations for

IV SEMESTER DIPLOMA IN CIVIL ENGINEERING

Skill Based Diploma in Engineering Course

THEORY

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME								
			Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks A	Class Test (CT) Marks B	End Semester Exam.(ESE) Marks C	Total Marks (A+B+C)	Pass Marks ESE	Pass Marks in the Subject	Credits	
1.	Management	CE401T	03	03	10	20	70	100	28	40	03	
2.	Contracts and Accounts	CE402T	03	03	10	20	70	100	28	40	03	
3.	Environment Engineering	CE403T	03	03	10	20	70	100	28	40	03	
4.	Design of Structures	CE404T	03	03	10	20	70	100	28	40	03	
5.	Elective (Any One)	CE405T	02	03	10	20	70	100	28	40	02	
Elective For Civil Engineering												
(i) Advanced Construction Techniques and Equipments			(ii) Maintenance and Rehabilitation of Structures			(iii) Architectural Practices and Interior Design			(iv) Earthquake Resistant Design & Construction			
Total :-				14				350	500			

PRACTICAL

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME							
			Periods per Week	Hours of Exam.	Practical (ESE)		Total Marks (A+B)	Pass Marks in the Subject	Credits		
					Internal(A)	External(B)					
6.	Environment Engineering Lab	CE406P	02	03	15	35	50	20	01		
7.	Elective (Any One) Lab	CE407P	02	03	15	35	50	20	01		
Elective For Civil Engg.											
(i) Advanced Construction Techniques and Equipments Lab			(ii) Maintenance and Rehabilitation of Structures Lab			(iii) Architectural Practices and Interior Design Lab			(iv) Earthquake Resistant Design & Construction Lab		
Total :-				04				100			

TERM WORK

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME						
			Periods per Week	Marks of Internal Examiner (X)	Marks of External Examiner (Y)	Total Marks (X+Y)	Pass Marks in the Subject	Credits		
8.	Contracts and Accounts	CE408P	02	07	18	25	10	01		
9.	Design of Structures	CE409P	02	07	18	25	10	01		
10.	Professional Practices	CE410P	03	07	18	25	10	02		
11.	Civil Engineering Project	CE411P	05	15	35	50	20	03		
12.	Rural Engineering	CE 412P	03	07	18	25	10	01		
Total :-				15				150		
Total Periods per week Each of duration One Hour					33	Total Marks = 750			24	

