

SANDIP UNIVERSITY, SIJOUL, MADHUBANI

Scheme of Teaching and Examinations for I SEMESTER DIPLOMA IN ELECTRICAL 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	EE101T	04	03	10	20	70	100	28	40	03
2.	Electrical Circuits and Network	EE102T	03	03	10	20	70	100	28	40	03
3.	Electrical Measurements	EE103T	03	03	10	20	70	100	28	40	03
4.	Engineering. Mechanics	EE104T	03	03	10	20	70	100	28	40	03
5.	Basic Electronics	EE105T	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.	Electrical Circuits and Network Lab	EE106P	02	03	15	35	50	20	01	
7.	Electrical Measurements Lab	EE107P	02	03	15	35	50	20	01	
8.	Basic Electronics Lab	EE108P	02	03	15	35	50	20	01	
9.	Electrical Workshop Practice	EE109P	03	03	15	35	50	20	02	
Total :-			09				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.	Preparation of household equipment	EE110P	04	07	18	25	10	02	
11.	Engineering Graphics	EE111P	04	07	18	25	10	02	
Total :-			08			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

II SEMESTER DIPLOMA IN ELECTRICAL 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.	Transmission & Distribution of Electric Power	EE201T	04	03	10	20	70	100	28	40	03
2.	D.C. Machines & Transformers	EE202T	03	03	10	20	70	100	28	40	03
3.	Network Theory	EE203T	03	03	10	20	70	100	28	40	03
4.	Electrical Estimation & Costing	EE204T	03	03	10	20	70	100	28	40	02
5.	Applied Electronics	EE205T	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.	D.C. Machines & Transformers Lab	EE206P	02	03	15	35	50	20	01
7.	Electronic Construction and Repair Lab	EE207P	02	03	15	35	50	20	01
8.	Applied Electronics Lab	EE208P	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.	Electrical Estimation & Costing (TW)	EE209P	02	07	18	25	10	01
10.	Electrical Drawing (TW)	EE210P	03	07	18	25	10	02
11.	LED Light Preparation	EE211P	03	07	18	25	10	02
12.	Alternative Energy Resources	EE212P	03	07	18	25	10	02
Total :-			11			100		
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 ELECTRICAL 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.	Switchgear and Protection	EE301T	04	03	10	20	70	100	28	40	04
2.	A.C. Machines	EE302T	04	03	10	20	70	100	28	40	04
3.	Utilization of Electrical Energy	EE303T	04	03	10	20	70	100	28	40	04
4.	Electric Traction-I	EE304T	03	03	10	20	70	100	28	40	03
5.	Industrial Automation	EE305T	03	03	10	20	70	100	28	40	03
Total :-			18				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.	Switchgear and Protection Lab	EE306P	02	03	15	35	50	20	01
7.	A.C. Machines Lab	EE307P	02	03	15	35	50	20	01
8.	Electric Traction Lab-I	EE308P	02	03	15	35	50	20	01
9.	Industrial Automation Lab	EE309P	02	03	15	35	50	20	01
Total :-			08				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.	Industrial Project & Entrepreneurship Development	EE310P	04	07	18	25	10	01
11.	Motor Rewinding	EE311P	03	07	18	25	10	01
Total :-			07			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 IV SEMESTER DIPLOMA IN ELECTRICAL 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	EE401T	03	03	10	20	70	100	28	40	03	
2.	Testing & Maintenance of Electrical Machines	EE402T	03	03	10	20	70	100	28	40	03	
3.	Power Electronics and Drives	EE403T	03	03	10	20	70	100	28	40	03	
4.	Automatic Control System	EE404T	03	03	10	20	70	100	28	40	03	
5.	Elective- (Any One)	EE405T	03	03	10	20	70	100	28	40	03	
(i)	Electric Traction-II			(ii) Maintenance and Repairs of Electrical Equipment								
Total :-			15					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.	PCB Designing	EE406P	02	03	15	35	50	20	01	
7.	Power Electronics and Drives Lab	EE407P	02	03	15	35	50	20	01	
8.	Control System Lab	EE408P	02	03	15	35	50	20	01	
9.	Elective- (Any One)	EE409P	02	03	15	35	50	20	01	
(i)	Electric Traction-II Lab		(ii) Maintenance and Repairs of Electrical Equipment Lab							
Total :-			08					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.	Industrial Project	EE410P	05	07	18	25	10	03
11.	Professional Practices	EE411P	05	07	18	25	10	02
Total :-			10			50		
Total Periods per week Each of duration One Hour				33	Total Marks = 750			24