

W.B.S.C.T.E.												
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA COURSES												
COURSE NAME: ELECTRICAL ENGINEERING												
COURSE CODE : EE												
DURATION OF COURSE : 6 SEMESTER												
SEMESTER: THIRD SEMESTER					SCHEME : C							
Sr.No.	SUBJECT	PERIODS			EVALUATION SCHEME							Credits
	THEORY	L	T	P	SESSIONAL EXAM			ESE	PR(INT.)	PR(EXT.)		
					TA	CT	Total					
1	Electrical Circuit & Network	03	01	02	10	20	30	70	25	25		5
2	Electrical Machine I	03	—	03	10	20	30	70	25	50		5
3	Basic Electronics	03	--	02	10	20	30	70	25	25		4
4	Programming concept using C	02	--	02	5	10	15	35				3
5	Electrical Measuring Instrument	03	--	02	10	20	30	70	25	25		4
6	Electrical Workshop	--	--	02	--	--	--	--	25	25		1
7	Elements of Mechanical & Civil Engineering	02			5	10	15	35				2
8	Professional Practices I	--	--	02	--	--	--	--	50			1
Total		16	01	15	50	100	150	350	175	150		25

STUDENT CONTACT HOURS PER WEEK: 32
THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH
 # , External Assessment @ , Internal Assessment ESE - End Semester Exam.

ABBREVIATIONS: CT- Class Test, TA - Teachers Assessment, L - Lecture, T - Tutorial, PR (INT.) – Practical (Internal)
 PR(EXT.)- Practical(External)
 TA: Attendance & surprise quizzes = 6 marks. Assignment & group discussion = 4 marks.
Total Marks : 825

Minimum passing for Sessional marks is 40%, and for theory subject 40%.

W.B.S.C.T.E.												
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA COURSES												
COURSE NAME: ELECTRICAL ENGINEERING												
COURSE CODE : EE												
DURATION OF COURSE : 6 SEMESTERS												
SEMESTER: FOURTH SEMESTER					SCHEME : C							
Sr.No.	SUBJECT	PERIODS			EVALUATION SCHEME							Credits
	THEORY	L	T	P	SESSIONAL EXAM			ESE	PR(I NT.)	PR (EX T.)		
					TA	CT	Total					
1	Electrical Machine II	03		03	10	20	30	70	25	50		5
2	Electrical Measurement & Control	03	--	02	10	20	30	70	25	25		4
3	Utilization, Traction , Heating and drives	03	_	02	10	20	30	70	25	25		4
4	Applied and Digital Electronics	03	--	02	10	20	30	70	25	25		4
5	Power Plant Engineering	04	--		10	20	30	70				4
6	Computer aided Electrical Drawing		--	03	--	--	--	--	25	25		2
7.	Development of Life Skill - II		--	02					25	25		2
8.	Professional Practice - II			02					50			1
Total		16		16	50	100	150	350	200	175		26

STUDENT CONTACT HOURS PER WEEK: **32 HRS**
THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH
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ABBREVIATIONS: CT- Class Test, TA - Teachers Assessment, L - Lecture, T - Tutorial, PR (INT.) – Practical (Internal)
PR(EXT.)- Practical(External)

TA: Attendance & surprise quizzes = 6 marks. Assignment & group discussion = 4 marks.
Total Marks : 875

Minimum passing for sessional marks is 40%, and for theory subject 40%.

W.B.S.C.T.E.													
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA COURSES													
COURSE NAME: ELECTRICAL ENGINEERING													
COURSE CODE : EE													
DURATION OF COURSE : 6 SEMESTERS													
SEMESTER: FIFTH SEMESTER					SCHEME : C								
Sr.No	SUBJECT	PERIODS			EVALUATION SCHEME							Credits	
	THEORY				SESSIONS			SAL EXAM		PR(I NT.)	PR (EX T.)		
		L	T	P	TA	CT	Total						
1	Power Electronics and Drives	03		02	10	20	30	70	25	25		4	
2	Microprocessor & Microcontroller	03	--	02	10	20	30	70	25	25		4	
3	Switchgear & Protection	03		02	10	20	30	70	25	50		4	
4	Industrial Project & Entrepreneurship Development	01	--	03					25	50		3	
5	Transmission & Distribution of Power	03		02	10	20	30	70	25	25		4	
6	Elective I (Any One)	03	--	02	10	20	30	70	25	25		4	
	Illumination Engineering												
	Heating , Ventilation and Air conditioning												
	Energy Conservation & Audit												
	Electric Traction												
7	Professional Practice -III			03					25	25		2	
Total		16		16	50	100	150	350	175	225		25	

STUDENT CONTACT HOURS PER WEEK: 32 HRS

THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH

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PR(EXT.)- Practical(External)

TA: Attendance & surprise quizzes = 6 marks. Assignment & group discussion = 4 marks.

Total Marks : 900

Minimum passing for sessional marks is 40%, and for theory subject 40%.

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TEACHING AND EXAMINATION SCHEME FOR DIPLOMA COURSES												
COURSE NAME: ELECTRICAL ENGINEERING												
COURSE CODE : EE												
DURATION OF COURSE : 6 SEMESTERS												
SEMESTER: SIXTH SEMESTER					SCHEME : C							
Sr.No	SUBJECT	PERIODS			EVALUATION SCHEME							Credits
	THEORY				SESSIONAL EXAM				PR(I NT.)	PR (EX T.)		
		L	T	P	TA	CT	Total	ESE				
1	Electrical Design Estimation & Costing	04		03	10	20	30	70	25	25		5
2	Electrical Installation , Maintenance , Testing & repairing	04		03	10	20	30	70	25	25		5
3	Industrial Project			05					50	50		3
4	Industrial Management	03			10	20	30	70				3
5	Elective II (Any One)	03	--	03	10	20	30	70	25	25		4
	Industrial Automation											
	Process Control & Indtrumentation											
	Control of Electrical Machine											
	Computer Hardware & Networking											
6	Professional Practice -IV			04					50			2
7	General Viva voce								50	50		2
Total		14		18	40	80	120	280	225	175		24

STUDENT CONTACT HOURS PER WEEK: 32 HRS

THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH

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ABBREVIATIONS: CT- Class Test, TA - Teachers Assessment, L - Lecture, T - Tutorial, PR (INT.) – Practical (Internal)
PR(EXT.)- Practical(External)

TA: Attendance & surprise quizzes = 6 marks. Assignment & group discussion = 4 marks.

Total Marks : 800

Minimum passing for sessional marks is 40%, and for theory subject 40%.