

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION
SEMESTER WISE COMPREHENSIVE EXAMINATION SCHEME FOR
FULL- TIME THREE-YEARS DIPLOMA COURSE IN
ELECTRICAL ENGINEERING (POWER SYSTEM)
(COURSE CODE: EEPS)

SEMESTER	PERIODS			EVALUATION SCHEME						CREDITS	
	L	T	P	INTERNAL EVALUATION			ESE	PRACTICAL (SESSIONAL)			TOTAL MARKS
				TA	CT	TOTAL		(INT.)	(EXT.)		
3	18	0	15	55	110	165	385	225	175	950	26
4	16	1	16	50	100	150	350	225	175	900	25
5	16	0	17	50	100	150	350	225	200	925	25
6	18	0	15	50	100	150	350	275	125	900	24
TOTAL	68	1	63	205	410	615	1435	950	675	3675	100
							2050	1625			

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA COURSES

COURSE NAME: ***DIPLOMA IN ELECTRICAL ENGINEERING (POWER SYSTEM)***

COURSE CODE : ***EEPS***

DURATION OF COURSE : 6 SEMESTERS

SEMESTER: ***THIRD SEMESTER***

Sl. No.	SUBJECT	PERIODS			EVALUATION SCHEME						CREDITS	
	THEORY	L	T	P	INTERNAL EVALUATION			ESE	PRACTICAL (SESSIONAL)			TOTAL MARKS
					TA	CT	TOTAL		(INT.)	(EXT.)		
1	Electrical Circuits & Network	3	--	2	10	20	30	70	25	25	150	5
2	Basic Electronics	3	--	2	10	20	30	70	25	25	150	4
3	Electrical Machine - I	3	--	3	10	20	30	70	50	50	200	5
4	Electrical & Electronic Measuring Instruments	4	--	2	10	20	30	70	25	25	150	4
5	Programming concept using C	2	--	2	5	10	15	35	25	25	100	3
6	Thermodynamics, Heat Power & Foundation	3	--	--	10	20	30	70			100	3
7	Electrical Workshop - I	--	--	2					25	25	50	1
8	Professional Practices - I	--	--	2					50		50	1
	TOTAL	18	0	15	55	110	165	385	225	175	950	26
								550		400		

STUDENT CONTACT HOURS PER WEEK: **33 HRS**

THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH

ABBREVIATIONS: L - Lecture, T - Tutorial, P - Practical, TA - Teachers Assessment, CT- Class Test, ESE - End Semester Exam, INT-Internal, EXT-External

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

Total Marks : 950

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

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA COURSES

COURSE NAME: **DIPLOMA IN ELECTRICAL ENGINEERING (POWER SYSTEM)**

COURSE CODE : **EEPS**

DURATION OF COURSE : 6 SEMESTERS

SEMESTER: **FOURTH SEMESTER**

Sl. No.	SUBJECT	PERIODS			EVALUATION SCHEME							CREDITS
		L	T	P	INTERNAL EVALUATION			ESE	PRACTICAL (SESSIONAL)		TOTAL MARKS	
					TA	CT	TOTAL		(INT.)	(EXT.)		
1	Transfer System of Electrical Power	3	--	2	10	20	30	70	25	25	150	4
2	Applied & Digital Electronics	3	0	2	10	20	30	70	25	25	150	4
3	Electrical Machine - II	3	1	3	10	20	30	70	50	50	200	5
4	Power Plant Engineering	4	--		10	20	30	70			100	4
5	Power Electronics & its Applications	3	--	2	10	20	30	70	25	25	150	3
6	Computer aided Electrical Drawing	--	--	3					25	25	50	2
7	Development of Life Skill-II	--	--	2					25	25	50	2
8	Professional Practices - II	--	--	2					50		50	1
	TOTAL	16	1	16	50	100	150	350	225	175	900	25
							500		400			

STUDENT CONTACT HOURS PER WEEK: **33 HRS**

THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH

ABBREVIATIONS: L - Lecture, T - Tutorial, P - Practical, TA - Teachers Assessment, CT- Class Test, ESE - End Semester Exam, INT-Internal, EXT-External

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

Total Marks : 900

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

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA COURSES

COURSE NAME: **DIPLOMA IN ELECTRICAL ENGINEERING (POWER SYSTEM)**

COURSE CODE : **EEPS**

DURATION OF COURSE : 6 SEMESTERS

SEMESTER: **FIFTH SEMESTER**

Sl. No.	SUBJECT	PERIODS			EVALUATION SCHEME							CREDITS
	THEORY	L	T	P	INTERNAL EVALUATION			ESE	PRACTICAL (SESSIONAL)		TOTAL MARKS	
					TA	CT	TOTAL		(INT.)	(EXT.)		
1	Analysis of Electrical Power System	3	--	2	10	20	30	70	25	25	150	4
2	Switch gear & Protection	3	--	2	10	20	30	70	25	25	150	4
3	Microprocessor & Microcontroller	3	--	2	10	20	30	70	25	25	150	4
4	Power Quality	3	--	2	10	20	30	70	25	25	150	4
5	Industrial Project & Entrepreneurship Development	1	--	2					25	50	75	3
6	Elective- I (Any One)	3	--	2	10	20	30	70	25	25	150	3
	1) Power Plant Instrumentation & Control											
	2) Heating, Ventilation and Air Conditioning											
	3) Energy Conservation & Audit											
	4) Electric Traction											
7	Electrical Workshop - II	--	--	3					25	25	50	1
8	Professional Practices - III	--	--	2			0		50		50	2
	TOTAL	16	0	17	50	100	150	350	225	200	925	25
								500	425			

STUDENT CONTACT HOURS PER WEEK: **33 HRS**

THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH

ABBREVIATIONS: L - Lecture, T - Tutorial, P – Practical, TA - Teachers Assessment, CT- Class Test, ESE - End Semester Exam, INT-Internal, EXT-External

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

Total Marks : 925

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

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA COURSES

COURSE NAME: **DIPLOMA IN ELECTRICAL ENGINEERING (POWER SYSTEM)**

COURSE CODE : **EEPS**

DURATION OF COURSE : 6 SEMESTERS

SEMESTER: **SIXTH SEMESTER**

Sl. No.	SUBJECT THEORY	PERIODS			EVALUATION SCHEME							CREDITS
		L	T	P	INTERNAL EVALUATION			ESE	PRACTICAL (SESSIONAL)		TOTAL MARKS	
					TA		TOTAL		(INT.)	(EXT.)		
1	Power system Operation & Load Dispatch	4	--	3	10	20	30	70	25	25	150	4
2	Electrical Design Estimation & Costing	4	--	3	10	20	30	70	25	25	150	4
3	Electrical Installation, Maintenance, Testing & repairing	4	--	--	10	20	30	70			100	3
4	Industrial Management	3	--	--	10	20	30	70			100	3
5	Elective - II (Any One)	3	--	2	10	20	30	70	25	25	150	4
	1) Control of Electrical Machines.											
	2) Industrial Automation											
	3) Computer Aided Power System Analysis & Operation.											
6	Industrial Project	--	--	4					50	50	100	2
7	Professional Practices - IV	--	--	3					50		50	2
8	General Viva Voce	--	--	--					100		100	2
	TOTAL	18	0	15	50	100	150	350	275	125	900	24
		33					500		400			

STUDENT CONTACT HOURS PER WEEK: **33 HRS**

THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH

ABBREVIATIONS: L - Lecture, T - Tutorial, P - Practical, TA - Teachers Assessment, CT- Class Test, ESE - End Semester Exam, INT-Internal, EXT-External

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

Total Marks : 900

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