

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION												
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES												
COURSE NAME: FULL TIME DIPLOMA IN ELECTRONICS & TELECOMMUNICATION ENGINEERING												
DURATION OF COURSE: 6 SEMESTERS												
SEMESTER: THIRD												
BRANCH: ELECTRONICS & TELECOMMUNICATION ENGINEERING												
SR. NO.	SUBJECT	CREDITS	PERIODS			EVALUATION SCHEME						
			L	TU	PR	INTERNAL SCHEME			ESE	PR	@TW	Total Marks
						TA	CT	Total				
1.	Network Analysis	3	4	-	-	10	20	30	70	-	-	100
2.	Analog Electronics -I	4	5	-	-	10	20	30	70	-	-	100
3.	Digital Electronics	3	4	-	-	10	20	30	70	-	-	100
4.	Electrical Machine	2	2	-	-	5	10	15	35	-	-	50
5.	Computer Programming Language	2	2	-	-	5	10	15	35	-	-	50
6.	Network Analysis Laboratory	2	-	-	3	-	-	-	-	75	-	75
7.	Analog Electronics Laboratory	2	-	-	3	-	-	-	-	100	-	100
8.	Digital Electronics Laboratory	2	-	-	3	-	-	-	-	75	-	75
9.	Electrical Machine Laboratory	1	-	-	2	-	-	-	-	50	-	50
10.	Computer Programming Language Laboratory	1	-	-	2	-	-	-	-	50	-	50
11.	Professional Practice - I	2	-	-	3	-	-	-	-	-	50	50
	Total	24	17	-	16	40	80	120	280	350	50	800

STUDENT CONTACT HOURS PER WEEK:33 hrs, (Teaching-15 weeks + Internal Exam-2 weeks)
THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH
ABBREVIATIONS: L- Lecture, TU- Tutorials, PR- Practical, TA- Teachers Assessment, CT- Class Test, ESE- End Semester Exam, @TW-Term Work
TA (Teacher's assessment) = 10 marks: Attendance & surprise quizzes = 5 marks and Assignment & group discussion = 5 marks for CT= 20 Marks.
TA (Teacher's assessment) = 5 marks: Attendance & surprise quizzes + Assignment & group discussion = 5 marks for CT = 10 Marks.
Total Marks : 800
Minimum passing for Sessional marks is 40%, and for theory subject 40%.
Assessment of Practical, Oral & Term Work to be done as per the prevailing norms of curriculum implementation & assessment.

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES

COURSE NAME: FULL TIME DIPLOMA IN ELECTRONICS & TELECOMMUNICATION ENGINEERING

DURATION OF COURSE: 6 SEMESTERS

SEMESTER: FOURTH

BRANCH: ELECTRONICS & TELECOMMUNICATION ENGINEERING

SR. NO.	SUBJECT	CREDITS	PERIODS			EVALUATION SCHEME						
			L	TU	PR	INTERNAL SCHEME			ESE	PR	@TW	Total Marks
						TA	CT	Total				
1.	Elementary Communication Engineering	4	4	1	-	10	20	30	70	-	-	100
2.	Analog Electronics –II	3	4	-	-	10	20	30	70	-	-	100
3.	Consumer Electronics	3	3	-	-	10	20	30	70	-	-	100
4.	Microprocessor	3	4	-	-	10	20	30	70	-	-	100
5.	Elementary Communication Engineering Laboratory	2	-	-	3	-	-	-	-	75	-	75
6.	Analog Electronics-II Laboratory	2	-	-	3	-	-	-	-	75	-	75
7.	Consumer Electronics Laboratory	2	-	-	2	-	-	-	-	75	-	75
8.	Microprocessor Lab	2	-	-	3	-	-	-	-	75	-	75
9.	Development of Life Skill-II	2	1	-	2	-	-	-	-	50	-	50
10.	Professional Practice – II	2	-	-	3	-	-	-	-	-	50	50
Total		25	16	1	16	40	80	120	280	350	50	800

STUDENT CONTACT HOURS PER WEEK:33 hrs, (Teaching-15 weeks + Internal Exam-2 weeks)

THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH

ABBREVIATIONS: L- Lecture, TU- Tutorials, PR- Practical, TA- Teachers Assessment, CT- Class Test, ESE- End Semester Exam, TW- Team Work

TA (Teacher’s assessment) = 10 marks: Attendance & surprise quizzes = 5 marks and Assignment & group discussion = 5 marks for CT= 20 Marks.

TA (Teacher’s assessment) = 5 marks: Attendance & surprise quizzes + Assignment & group discussion = 5 marks for CT = 10 Marks.

Total Marks : 800

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

Assessment of Practical, Oral & Term Work to be done as per the prevailing norms of curriculum implementation & assessment.

Development of life Cycle-II subject has been allotted with Practical of 50 marks only which consist of both the Internal sessional examination and external sessional examination of 25 marks each. Course contents of the subject can be referred from relevant link of WBSCTE website.

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION													
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES													
COURSE NAME: FULL TIME DIPLOMA IN ELECTRONICS & TELECOMMUNICATION ENGINEERING													
DURATION OF COURSE: 6 SEMESTERS													
SEMESTER: FIFTH													
BRANCH: ELECTRONICS & TELECOMMUNICATION ENGINEERING													
SR. NO.	SUBJECT	CREDIT S	PERIODS			EVALUATION SCHEME							
			L	TU	PR	INTERNAL SCHEME			ESE	PR	@TW	Total Marks	
						TA	CT	Total					
1.	Digital and Microwave Communication Engg.	3	4	1	-	10	20	30	70	-	-	-	100
2.	Electronics Measurement	3	3	-	-	10	20	30	70	-	-	-	100
3.	Industrial Electronics-I	2	2	1	-	5	10	15	35	-	-	-	50
4.	Microcontroller & Embedded System	3	3	-	-	10	20	30	70	-	-	-	100
5.	<u>Elective-I (Select any one)</u> Computer Network-I Medical Electronics-I Digital Signal Processing-I Computer Hardware Maintenance-I	2	2	-	-	5	10	15	35	-	-	-	50
6.	Digital and Microwave Communication Engg. Laboratory	2	-	-	3	-	-	-	-	75	-	-	75
7.	Electronics Measurement Laboratory	1	-	-	2	-	-	-	-	75	-	-	75
8.	Industrial Electronics-I Laboratory	2	-	-	2	-	-	-	-	75	-	-	75
9.	Microcontroller and Embedded system Lab	2	-	-	2	-	-	-	-	75	-	-	75
10.	Elective- I Laboratory	1	-	-	2	-	-	-	-	50	-	-	50
11.	Industrial Project & Entrepreneurship Development	2	1	-	2	-	-	-	-	-	50	-	50
12.	Professional Practice – III	2	-	-	3	-	-	-	-	-	50	-	50
	Total	25	15	2	16	40	80	120	280	350	100	-	850

STUDENT CONTACT HOURS PER WEEK:33 hrs, (Teaching-15 weeks + Internal Exam-2 weeks)
THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH
ABBREVIATIONS: L- Lecture, TU- Tutorials, PR- Practical, TA- Teachers Assessment, CT- Class Test, ESE- End Semester Exam, TW- Term Work
TA (Teacher's assessment) = 10 marks: Attendance & surprise quizzes = 5 marks and Assignment & group discussion = 5 marks for CT= 20 Marks.
TA (Teacher's assessment) = 5 marks: Attendance & surprise quizzes + Assignment & group discussion = 5 marks for CT = 10 Marks.
Total Marks : 850
Minimum passing for Sessional marks is 40%, and for theory subject 40%.
Assessment of Practical, Oral & Term Work to be done as per the prevailing norms of curriculum implementation & assessment.

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION												
TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES												
COURSE NAME: FULL TIME DIPLOMA IN ELECTRONICS & TELECOMMUNICATION ENGINEERING												
DURATION OF COURSE: 6 SEMESTERS												
SEMESTER: SIXTH												
BRANCH: ELECTRONICS & TELECOMMUNICATION ENGINEERING												

SR. NO.	SUBJECT	CREDITS	PERIODS			EVALUATION SCHEME						
			L	TU	PR	INTERNAL SCHEME			ESE	PR	@TW	Total Marks
						TA	CT	Total				
1.	Industrial Management	3	3	-	-	10	20	30	70	-	-	100
2.	Advanced Communication Engineering	3	3	1	-	10	20	30	70	-	-	100
3.	Instrumentation & Control	3	3	-	-	10	20	30	70	-	-	100
4.	Industrial Electronics-II	2	2	-	-	5	10	15	35	-	-	50
5.	<u>Elective-II (Select any one)</u> Computer Network-II Medical Electronics-II Digital Signal Processing-II Computer Hardware Maintenance-II	2	2	-	-	5	10	15	35	-	-	50
6.	Advanced Communication Engineering Laboratory	2	-	-	3	-	-	-	-	50	-	50
7.	Instrumentation & Control Laboratory	1	-	-	2	-	-	-	-	50	-	50
8.	Industrial Electronics Laboratory-II	2	-	-	3	-	-	-	-	50	-	50
9.	Elective- II Laboratory	1	-	-	2	-	-	-	-	50	-	50
10.	Industrial Project	2	-	-	4	-	-	-	-	100	-	100
11.	Professional Practice – IV	2	-	-	3	-	-	-	-	-	50	50
12.	General Viva voce	2	-	-	-	-	-	-	-	-	100	100
	Total	25	13	1	17	40	80	120	280	300	150	850

STUDENT CONTACT HOURS PER WEEK:33 hrs, (Teaching-15 weeks + Internal Exam-2 weeks)

THEORY AND PRACTICAL PERIODS OF 60 MINUTES EACH

ABBREVIATIONS: L- Lecture, TU- Tutorials, PR- Practical, TA- Teachers Assessment, CT- Class Test, ESE- End Semester Exam, @TW-Term Work

TA (Teacher's assessment) = 10 marks: Attendance & surprise quizzes = 5 marks and Assignment & group discussion = 5 marks for CT= 20 Marks.

TA (Teacher's assessment) = 5 marks: Attendance & surprise quizzes + Assignment & group discussion = 5 marks for CT = 10 Marks.

Total Marks : 850

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

Assessment of Practical, Oral & Term Work to be done as per the prevailing norms of curriculum implementation & assessment.