

DIPLOMA COURSE (Common for all Branches)
FIRST SEMESTER
Scheme of Study and Examination
(With effect from 2014)

SL No.	Q P CODE	Theory Subject	Contact Hours			Exam. Duration	Scheme of Examination			Total Marks	Min marks for passing
			Theory	Pract.	Total		End Exam.		I.A Marks *		
							Max Marks	Min marks			
1		2	3	4	5	6	7	8	9	10	11
		Theory									
1	RDP01S	Applied Science	5	---	5	3	100	35	25	125	45
2	RDP01M	Applied Mathematics-I	4	---	4	3	100	35	25	125	45
3	RDP01CS	Introduction to Computer Concepts	4	---	4	3	100	35	25	125	45
4	RDP01BE	Basic Electrical And Electronics Engg.	4	---	4	3	100	35	25	125	45
5	RDP01ENG	English Communication-I	4	---	4	3	100	35	25	125	45
		Drawing/Practicals									
6	RDP01PS	Applied Science lab	---	4	4	3	100	50	25	125	60
7	RDP01PCS	Basic Computer Skills Lab	---	4	4	3	100	50	25	125	60
8	RDP01PBE	Basic Electrical And Electronics Engg.Lab	---	4	4	3	100	50	25	125	60
		Total	21	12	33	24	800	325	200	1000	405

**DIPLOMA COURSE IN ELECTRICAL AND ELECTRONICS ENGINEERING
 SECOND SEMESTER
 Scheme of Study and Examination
 (With effect from 2014)**

SL No.	Q P CODE	Theory Subject	Contact Hours			Exam. Duration	Scheme of Examination			Total Marks	Min marks for passing	
			Theory	Pract.	Total		End Exam.		I.A Marks *			
							Max Marks	Min marks				
1		2	3	4	5	6	7	8	9	10	11	
		Theory										
1	14DEE021	Applied Mathematics-II.	4	---	4	3	100	35	25	125	45	
2	14DEE022	Electrical Wiring and Circuits	4	---	4	3	100	35	25	125	45	
3	14DEE023	Mechanical Engineering Sciences	4	---	4	3	100	35	25	125	45	
4	14DEE024	English Communication-II	2	---	2	3	100	35	25	125	45	
		Drawing/Practicals										
5	14DEE025P	Basic Workshop Practice	---	4	4	3	100	50	25	125	60	
6	14DEE026P	Electrical Wiring and Circuits Laboratory	---	4	4	3	100	50	25	125	60	
7	14DEE027P	Computer Aided Engg. Graphics	---	4	4	3	100	50	25	125	60	
8	14DEE028P	English Communication-II Lab	---	2	2	3	100	50	25	125	60	
		Total	14	14	28	24	800	340	200	1000	420	

**DIPLOMA COURSE IN ELECTRICAL AND ELECTRONICS ENGINEERING
 THIRD SEMESTER**

 Scheme of Study and Examination.
 (With effect from 2014)

Sl. No.	Q P CODE	Subjects	Contact Hours			Exam. Duration	Scheme of Examination			Total Max. Marks (7+9)	MinMarks for passing (with IA)
			Theory	Pract.	Total		End Exam.		I.A. Marks *		
							Max marks	Min passing Marks			
1		2	3	4	5	6	7	8	9	10	11
		Theory									
1	14DEE031	Electrical Machines-I	4	---	4	3	100	35	25	125	45
2	14DEE032	Communication and Computer networks	4	---	4	3	100	35	25	125	45
3	14DEE033	Electrical & Electronics Measurements	4	---	4	3	100	35	25	125	45
4	14DEE034	Applied Electronics	4	---	4	3	100	35	25	125	45
		Drawing / Practical									
5	14DEE035P	Electrical & Electronics Measurements Lab	---	4	4	3	100	50	25	125	60
6	14DEE036P	Applied Electronics Lab	---	4	4	3	100	50	25	125	60
7	14DEE037P	Computer Aided Electrical Drawing.	---	4	4	3	100	50	25	125	60
8	14DEE038P	Communication and Life Skills-I	---	4	4	3	100	50	25	125	60
		TOTAL	16	16	32	24	800	340	200	1000	420

DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING
FOURTH SEMESTER
Scheme of Study and Examination.
(With effect from 2014)

Sl. No	Q P CODE	Subjects	Contact Hours			Exam. Duration	Scheme of Examination			Total Max. Marks (7+9)	Min marks for passing (with IA)
			Theory	Pract.	Total		End Exam.		I.A Marks*		
							Max Marks	Min Passing marks			
1		2	3	4	5	6	7	8	9	10	11
		Theory									
1	14DEE041	Electrical Machines - II	4	---	4	3	100	35	25	125	45
2	14DEE042	Electrical Power Generation	4	---	4	3	100	35	25	125	45
3	14DEE043	Transmission and Distribution	4	---	4	3	100	35	25	125	45
4	14DEE044	Power Electronics	4	---	4	3	100	35	25	125	45
		Drawing / Practicals									
5	14DEE045P	Electrical Machines Lab	---	4	4	3	100	50	25	125	60
6	14DEE046P	Power Electronics Lab	---	4	4	3	100	50	25	125	60
7	14DEE047P	C-Programming	---	4	4	3	100	50	25	125	60
8	14DEE048P	Communication and Life Skills-II	---	4	4	3	100	50	25	125	60
		TOTAL	16	16	32	24	800	340	200	1000	420

DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGG.
FIFTH SEMESTER
 SCHEME OF STUDY AND EXAMINATION
 (WITH EFFECT FROM 2015)

Q P CODE	SUBJECTS	Contact hours/WEEK			Exam Duration In Hrs	SCHEME OF EXAMINATION			Total Max Marks	Min. Marks for Pass with IA
		Theory	Practical	Total		End exam		IA Marks		
						Max Marks	Min Pass Marks			
1	2	3	4	5	6	7	8	9	10	11
THEORY										
14DEE051	Estimation & Specification	4	-	4	3	100	35	25	125	45
14DEE052	Switch Gear & Protection	4	-	4	3	100	35	25	125	45
**	ELECTIVE THEORY (Any One)									
14DEE053	Embedded System	4	-	4	3	100	35	25	125	45
14DEE054EB	Industrial Automation									
14DEE055	Testing and Maintenance of sub station									
PRACTICALS										
14DEE056P	Electrical Workshop	-	4	4	3	100	50	25	125	60
14DEE057P	Simulation Lab	-	4	4	3	100	50	25	125	60
14DEE058P	Pre-Project Work-I	-	4	4	3	50	25	75	125	60
14DEE059P	Communication and Life Skill-III	-	4	4	3	100	50	25	125	60
	TOTAL	12	16	28	21	550	230	225	775	315

**** Elective theory may be chosen independently**

DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGG.
SIXTH SEMESTER
 SCHEME OF STUDY AND EXAMINATION
 (WITH EFFECT FROM 2015)

Q P CODE	SUBJECTS	Contact hours/WEEK			Exam Duration In Hrs	SCHEME OF EXAMINATION			Total Max Marks	Min. Marks for Pass with IA
		Theory	Practical	Total		End exam		IA Marks		
						Max Marks	Min Pass Marks			
	2	3	4	5	6	7	8	9	10	11
	THEORY									
14DEE061	Utilisation of Electrical energy and Management	4	-	4	3	100	35	25	125	45
14DEE062	Industrial Drives and Control	4	-	4	3	100	35	25	125	45
**	ELECTIVE THEORY (Any One)									
14DEE063	Mechatronics									
14DEE064	Microprocessor and Micro Controller	4	-	4	3	100	35	25	125	45
14DEE065	Basic Management Skills and Indian Constitution									
	PRACTICALS									
14DEE066P	Project Work	-	4	4	3	100	50	25	125	60
14DEE067P	Industrial Visit	-	-	-	-	-	--	25	25	--
14DEE068P	Communication and Life Skill-IV	-	4	4	3	100	50	25	125	60
	TOTAL	12	8	20	15	500	205	150	650	255

**** Elective theory may be chosen independently**