

**STUDY & EVALUATION SCHEME
DIPLOMA- ELECTRICAL ENGINEERING
I YEAR: I SEMESTER**

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DMA1001	Basic Mathematics	4	1	-	40	60	100	4
2	DPH1001/DCY1001	Physics/Chemistry	4	1	-	40	60	100	4
3	DHU1001	English	2	1	-	40	60	100	2
4	DCS1001/DEE1001	Computer Fundamentals/Fundamental of Electrical and Electronics Engg.	3	-	-	40	60	100	3
5	DES1001	Environmental Studies (Chemistry Group)	2	-	-	20	30	50	2
PRACTICAL/TRAINING/PROJECT									
7	DPH1501/DCY1501	Physics/Chemistry Lab	-	-	2	80	20	100	1
8	DHU1501	English Lab	-	-	2	100	-	100	1
9	DCS1501/DEE1501	Computer Fundamentals/Fundamental of Electrical and Electronics Engg. Lab	-	-	2	80	20	100	1
10	DME1501	Basic Workshop Practice	-	-	4	80	20	100	2
11	DME1502	Engineering Graphics Lab	-	-	4	80	20	100	2
TOTAL			15	3	14	600	350	950	22

L - Lecture

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**STUDY & EVALUATION SCHEME
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I YEAR: II SEMESTER**

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DMA2001	Engineering Mathematics	4	1	-	40	60	100	4
2	DPH2001/DCY2001	Physics/Chemistry	4	1	-	40	60	100	4
3	DCS2001/DEE2001	Computer Fundamentals/Fundamental of Electrical and Electronics Engg.	3	-	-	40	60	100	3
4	DME2002	Engineering Mechanics	3	1	-	40	60	100	3
5	DHU2002	Communication Skills	2	1	-	40	60	100	2
6	DES2001	Environmental Studies (Physics Group)	2	-	-	20	30	50	2
PRACTICAL/TRAINING/PROJECT									
7	DPH2501/DCY2501	Physics/Chemistry Lab	-	-	2	80	20	100	1
8	DCS2501/DEE2501	Computer Fundamentals/Fundamental of Electrical and Electronics Engg. Lab	-	-	2	80	20	100	1
9	DME2503	Engineering Mechanics Lab	-	-	2	80	20	100	1
10	DHU2502	Communication Skills Lab	-	-	2	100	-	100	1
11	DME2501	Workshop Practice (Group Wise)	-	-	4	80	20	100	2
12	DME2502	Engineering Graphics Lab (CAD Portion)	-	-	4	80	20	100	2
TOTAL			18	4	16	720	430	1150	26

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**STUDY & EVALUATION SCHEME
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II YEAR: III SEMESTER**

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DMA3001	Applied Mathematics	4	1	-	40	60	100	4
2	DME3003	Elements of Mechanical and Civil Engineering	2	-	-	40	60	100	2
3	DEC3002	Basic Electronics	3	1	-	40	60	100	3
4	DEE3001	Electrical Power Generation	3	-	-	40	60	100	3
5	DEE3002	Electric Circuits and Networks	3	1	-	40	60	100	3
6	DEE3003	Electrical Measurements	3	-	-	40	60	100	3
PRACTICAL/TRAINING/PROJECT									
7	DME3505	Elements of Mechanical and Civil Engineering Lab	-	-	2	80	20	100	1
8	DEC3502	Basic Electronics Lab	-	-	2	80	20	100	1
9	DEE3501	Electrical Workshop Lab	-	-	2	80	20	100	1
10	DEE3502	Electric Circuits and Networks Lab	-	-	2	80	20	100	1
11	DEE3503	Electrical Measurements Lab	-	-	2	80	20	100	1
12	DEE3504	Professional Practices-I	-	-	2	100	-	100	1
TOTAL			18	3	12	740	460	1200	24
ADDITIONAL SUBJECT FOR LATERAL ENTRY									
13	DME3506	Engineering Graphics Lab (CAD Portion)	-	-	4	80	20	100	2
TOTAL			18	3	16	820	480	1300	26

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**STUDY & EVALUATION SCHEME
DIPLOMA- ELECTRICAL ENGINEERING
II YEAR: IV SEMESTER**

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DEC4005	Applied Electronics	3	1	-	40	60	100	3
2	DEE4001	Transmission and Distribution of Electric Power	3	1	-	40	60	100	3
3	DEE4002	D.C. Machines and Transformers	3	1	-	40	60	100	3
4	DEE4003	Instrumentation & Control	3	-	-	40	60	100	3
5	DEE4004	Electrical Estimation & Costing	3	-	-	40	60	100	3
PRACTICAL/TRAINING/PROJECT									
6	DEC4506	Applied Electronics Lab	-	-	2	80	20	100	1
7	DEE4501	Electrical Drawing Lab	-	-	4	80	20	100	2
8	DEE4502	D.C. Machines and Transformers Lab	-	-	2	80	20	100	1
9	DEE4503	Instrumentation & Control Lab	-	-	2	80	20	100	1
10	DEE4504	Electrical Estimation & Costing Lab	-	-	2	80	20	100	1
11	DEE4505	Professional Practices-II	-	-	2	100	-	100	1
12	DSS4501	Soft Skill	-	-	2	100	-	100	1
TOTAL			15	3	16	800	400	1200	23
ADDITIONAL SUBJECT FOR LATERAL ENTRY									
13	DMA4001	Engineering Mathematics	4	1	-	40	60	100	4
TOTAL			19	4	16	840	460	1300	27

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**STUDY & EVALUATION SCHEME
DIPLOMA- ELECTRICAL ENGINEERING
III YEAR: V SEMESTER**

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DMG5002	Industrial Management and Entrepreneurship Development	3	-	-	40	60	100	3
2	DEC5005	Microprocessor & Microcontrollers	3	-	-	40	60	100	3
3	DEE5005	Electric Traction	3	-	-	40	60	100	3
4	DEE5002	Switchgear and Protection	3	-	-	40	60	100	3
5	DEE5003	A.C. Machines	3	1	-	40	60	100	3
6	-----	Elective-I	3	-	-	40	60	100	3
PRACTICAL/TRAINING/PROJECT									
7	DEC5506	Microprocessor & Microcontrollers Lab	-	-	2	80	20	100	1
8	DEE5501	Industrial Projects and Entrepreneurship Development	-	-	2	100	-	100	1
9	DEE5502	Switchgear and Protection Lab	-	-	2	80	20	100	1
10	DEE5503	A.C. Machines Lab	-	-	2	80	20	100	1
11	DEE5506	Electric Traction Lab	-	-	2	80	20	100	1
12	DSS5501	Soft Skill	-	-	2	100	-	100	1
13	-----	Elective-I	-	-	2	100	-	100	1
TOTAL			15	1	14	860	440	1300	25

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**STUDY & EVALUATION SCHEME
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III YEAR: VI SEMESTER**

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DEE6001	Testing and Maintenance of Electrical Machines	3	-	-	40	60	100	3
2	DEE6002	Power Electronics and Drives	3	1	-	40	60	100	3
3	DEE5003	A.C. Machines	3	-	-	40	60	100	3
4	-----	Elective-II	3	-	-	40	60	100	3
PRACTICAL/TRAINING/PROJECT									
5	DEE6501	Testing and Maintenance of Electrical Machines Lab	-	-	2	80	20	100	1
6	DEE6502	Power Electronics and Drives Lab	-	-	2	80	20	100	1
7	DEE6504	Project	-	-	12	80	20	100	6
8	DEE6507	Professional Practices-III	-	-	2	100	-	100	1
9	-----	Elective-II	-	-	2	80	20	100	1
TOTAL			12	1	20	580	320	900	22

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LIST OF ELECTIVES

S.NO.	SUBJECT CODE	SUBJECT
ELECTIVE-I (V SEMESTER)		
	THEORY CODE	
1	DCS5104	Computer Hardware Maintenance
2	DEE5101	Illumination Engineering
3	DEE5104	Heating Ventilation and Air-conditioning
	PRACTICAL CODE	
1	DCS5704	Computer Hardware Maintenance Lab
2	DEE5701	Illumination Engineering Lab
3	DEE5704	Heating Ventilation and Air-conditioning Lab
ELECTIVE-II (VI SEMESTER)		
	THEORY CODE	
1	DEE6101	Industrial Automation
2	DEE6102	Energy Conservation and Audit
3	DEE6802	Maintenance and repairs of Electric Equipment
	PRACTICAL CODE	
1	DEE6701	Industrial Automation Lab
2	DEE6702	Energy Conservation and Audit Lab
3	DEE6704	Maintenance and repairs of Electric Equipment Lab