

Programme Name : Diploma

SEMESTER : I						
S.No.	Course Code	Course Title	L	T	P	C
1	DMT 101	Mathematics-I	3	1	-	4
2	DPY 101	Physics-I	3	1	-	4
3	DEE 101/ DEC 101	Fundamental of Electrical Engineering/Fundamental of Electronics Engineering	3	-	-	3
4	DCS 101/ DME 101	Basics of Computer System /Elements of Mechanical & Civil Engineering	3	-	-	3
5	EVS 101	EVS	3	-	-	3
6	DCS 151/ DME 151	Basics of Computer System Lab /Elements of Mechanical & Civil Engineering Lab	-	-	2	1
7	DEE 151/ DEC 151	Fundamental of Electrical Engineering Lab/Fundamental of Electronics Engineering Lab	-	-	2	1
8	DCE 151/ DME 153	Engineering Drawing/ Workshop Practice	-	-	4	2
9	DPY 151	Physics Lab	-	-	2	1
10	DLL 101	Life Skill (Basic English)	3	-	0	3
<b>TOTAL NO. OF CREDITS</b>						<b>25</b>
SEMESTER : II						
S. No.	Course Code	Course Title	L	T	P	C
1	DMT 102	Mathematics-II	3	1	-	4
2	DPY 102	Physics-II	3	1	-	4
3	DEE 101/ DEC 101	Fundamental of Electrical Engineering/Fundamental of Electronics Engineering	3	-	-	3
4	DCS 101/ DME 101	Basics of Computer System /Elements of Mechanical & Civil Engineering	3	-	-	3
5	DCY 102	Chemistry	3	-	-	3
6	DCS 151/ DME 151	Basics of Computer System Lab /Elements of Mechanical & Civil Engineering Lab	-	-	2	1
7	DEE 151/ DEC 151	Fundamental of Electrical Engineering Lab/Fundamental of Electronics Engineering Lab	-	-	2	1
8	DCE 151/ DME 153	Engineering Drawing/ Workshop Practice	-	-	4	2
9	DCY 152	Chemistry Lab	-	-	2	1
10	DLL 152	Life Skill (Communication Skill)	-	-	4	2
<b>TOTAL NO. OF CREDITS</b>						<b>24</b>
SEMESTER : III						
S. No.	Course Code	Course Title	L	T	P	C
1	MAT 201	Applied Mathematics	3	1	0	4
2	DEC 205	Electronics Device and Circuit	3	0	0	3
3	DME 201	Measurements and Measuring Instruments	3	0	0	3
4	DEE 203	Electrical Machine - I	3	0	0	3
5	DCS 207	Computer Programming and Applications	3	0	0	3
6	DEC 257	Electronics Device and Circuit Lab	0	0	2	1
7	DEE 251	Electrical Measurements and Measuring Instruments Lab	0	0	2	1

8	DEE 253	Electrical Machine-I lab	0	0	2	1
9	DCS 261	Computer Programming and Applications Lab	0	0	2	1
10	DLL 251	Life Skill (Professional Communication)	0	0	4	2
11	DEE 255	Professional Practice I	0	0	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>23</b>

#### SEMESTER : IV

S. No.	Course Code	Course Title	L	T	P	C
1	DEE 202	Power Electronics and Drives	3	0	0	3
2	DEE 204	Transmission & Distribution of Electrical Power	3	0	0	3
3	DEE 206	Electric Design, Drawing and Estimation -I	3	0	0	3
4	DEE 208	Power plant Engineering	3	0	0	3
5	DEC 206	Electronics -II	3	0	0	3
6	DEE 252	Transmission & Distribution of Electrical Power Lab	0	0	2	1
7	DEE 254	Electric Design, Drawing and Estimation -I Lab	0	0	4	2
8	DEC 252	Electronics -II Lab	0	0	2	1
9	DEE 256	Power Electronics and Drives Lab	0	0	2	1
10	DLL 252	Life Skill (Soft skill-II)	0	0	4	2
11	DEE 258	Professional Practice II	0	0	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>23</b>

#### SEMESTER : V

S. No.	Course Code	Course Title	L	T	P	C
1	DEE 301	Industrial Management and Entrepreneurship	3	0	0	3
2	DEE 303	Electrical Machines -II	3	0	0	3
3	DEE 305	Switch Gear and Protection	3	0	0	3
4	DEE 307	Industrial Electronics and Control	3	0	0	3
5		Elective -I	3	0	0	3
6	DEE 351	Electrical Machines -II - Lab	0	0	2	1
7	DEE 353	Industrial Electronics and Control - Lab	0	0	2	1
8	CAC 300	Life Skill (Campus to Corporate)	0	0	4	2
9	DEE 355	Industrial Project & Entrepreneurship	0	0	4	2
10	DEE 357	Professional Practice III	0	0	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>22</b>

#### SEMESTER : VI

S. No.	Course Code	Course Title	L	T	P	C
1	DCE 302	Environmental Education & Disaster Management	3	0	0	3
2	DEE 304	Installation, Maintenance and Repair of Electric Machines	3	0	0	3
3	DEE 306	Electric Design, Drawing and Estimation -II	3	0	0	3
4	DEE 308	Utilisation of Elect. Energ	3	0	0	3
5		Elective -II	3	0	0	3
6	DEE 352	Electric Design, Drawing and Estimation-II Lab	0	0	2	1
7	DEE 354	Installation, Maintenance & Repair of Electric Machines Lab	0	0	2	1
8	DEE 356	Utilisation of Elect. Energ Lab	0	0	2	1
9	DEE 358	Major Project	0	0	12	6
10	DEE 360	Industrial Training & Field Exposure	0	0	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>25</b>

#### Elective-1

1	DEE 309	Electric Traction-I	3	0	0	3
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2	DEE 311	Computer Hardware Maintenance	3	0	0	3
4	DEE 313	MicroProcessor and Micro Controller	3	0	0	3
5	DEE 315	Renewable Sources of Energy				
<b>Elective-2</b>						
1	DEE 310	Electric Traction – II	3	0	0	3
2	DEE 312	Heating, Ventilation and Air Conditioning	3	0	0	3
3	DEE 314	Industrial Automation	3	0	0	3
4	DEE 316	Energy Conservation and Audit	3	0	0	3