

## Diploma in Electrical Engineering:

### Semester:1

Code	Subject	Theory(Hrs)	Tutorial(Hrs)	Practical(Hrs)	Credits
3300001	BASIC MATHEMATICS	2	0	2	4
3300002	ENGLISH	3	0	2	5
3300003	ENVIRONMENT CONSERVATION & HAZARD MANAGEMENT	4	0	0	4
3300006	ENGINEERING CHEMISTRY ( GROUP-2 )	3	0	2	5
3300013	BASIC OF COMPUTER & INFORMATION TECHNOLOGY	0	0	4	4
3300015	FUNDAMENTAL OF MECHANICAL ENGINEERING	3	0	2	5

### Semester:2

Code	Subject	Theory(Hrs)	Tutorial(Hrs)	Practical(Hrs)	Credits
1990001	CONTRIBUTOR PERSONALITY DEVELOPMENET	4	0	0	4
3320002	ADVANCED MATHEMATICS (GROUP-1)	2	2	0	4
3320004	BASIC OF CIVIL ENGINEERING	0	1	2	3
3300005	BASIC PHYSICS (GROUP-2)	3	0	2	5
3300007	BASIC ENGINEERING DRAWING	2	0	4	6
3320903	D.C.CIRCUITS	2	2	2	6
3320902	ELECTRICAL ENGINEERING WORKSHOP PRACTICE	0	0	4	4

**Semester:3**

Code	Subject	Theory(Hrs)	Tutorial(Hrs)	Practical(Hrs)	Credits
3330901	AC CIRCUITS	3	2	2	7
3330902	D C MACHINES AND TRANSFORMER	4	0	4	8
3330903	ELECTRICAL INSTRUMENTATION	4	0	2	6
3330904	ELECTRICAL POWER GENERATION	4	0	2	6
3330905	ELECTRONICS COMPONENTS AND CIRCUITS	4	0	2	6

**Semester:4**

Code	Subject	Theory(Hrs)	Tutorial(Hrs)	Practical(Hrs)	Credits
3340901	POLYPHASE TRANSFORMERS AND ROTATING AC MACHINES	4	0	4	8
3340902	TRANSMISSION AND DISTRIBUTION OF ELECTRICAL POWER	4	0	2	6
3340903	UTILIZATION OF ELECTRICAL ENERGY	4	0	2	6
3340904	DIGITAL ELECTRONICS AND DIGITAL INSTRUMENTS	4	0	2	6
3340905	COMPUTER AIDED ELECTRICAL DRAWING AND SIMULATION	0	0	4	4

**Semester:5**

Code	Subject	Theory(Hrs)	Tutorial(Hrs)	Practical(Hrs)	Credits
3350901	WIRING ESTIMATING, COSTING & CONTRACTING	3	0	2	5
3350902	ENERGY CONSERVATION & AUDIT	4	0	2	6
3350903	POWER ELECTRONICS	4	0	2	6
3350904	MICROPROCESSOR AND CONTROLLER APPLICATIONS	4	0	2	6
3350907	ELECTRIC TRACTION AND CONTROL	4	0	2	6
3350908	PROJECT-I	0	0	4	4

**Semester:6**

Code	Subject	Theory(Hrs)	Tutorial(Hrs)	Practical(Hrs)	Credits
3360901	SWITCHGEAR & PROTECTION	4	0	2	6
3360902	INSTALLATION, COMMISSIONING AND MAINTENANCE	4	0	2	6
3360907	MAINTENANCE OF TRANSFORMER AND CIRCUIT BREAKER	3	0	2	5
3360908	ELECTRIFICATION OF BUILDING COMPLEXES	3	0	2	5
3360909	PROJECT-II	0	0	6	6