

# BHARAT SEVAK SAMAJ SYLLABUS

## CATEGORY COURSES #8: ELECTRICAL & ELECTRONICS EDUCATION

**COURSE CODE: EEE001**

**COURSE NAME: BSS DIPLOMA IN ELECTRICAL & ELECTRONICS TECHNOLOGY**

**COURSE DURATION: TWO YEARS**

SNo	Subject Code	Subject
I YEAR		
1	EEE001-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE001-02	GENERAL ENGINEERING
3	EEE001-03	ELECTRICAL TECHNIQUES
4	EEE001-04	ELECTRONICS TECHNIQUES
5	EEE001-05	PRACTICAL - I
6	EEE001-06	PRACTICAL - II
7	EEE001-07	PRACTICAL - III
8	EEE001-08	PRACTICAL - IV
II YEAR		
9	EEE001-09	WIRING SYSTEMS & ELECTRICAL MACHINES
10	EEE001-10	TV & COMPUTER SERVICING
11	EEE001-11	ADVANCED ELECTRICAL & ELECTRONICS PRODUCTS
12	EEE001-12	PRACTICAL - V
13	EEE001-13	PRACTICAL - VI
14	EEE001-14	PRACTICAL - VII

**COURSE CODE: EEE002**

**COURSE NAME: BSS DIPLOMA IN ELECTRONICS & COMMUNICATION TECHNOLOGY**

**COURSE DURATION: TWO YEARS**

SNo	Subject Code	Subject
I YEAR		
1	EEE002-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE002-02	GENERAL ENGINEERING
3	EEE002-03	ELECTRONICS DEVICES
4	EEE002-04	COMMUNICATION DEVICES
5	EEE002-05	PRACTICAL - I
6	EEE002-06	PRACTICAL - II
7	EEE002-07	PRACTICAL - III
8	EEE002-08	PRACTICAL - IV
II YEAR		
9	EEE002-09	COMMUNICATION EQUIPMENTS
10	EEE002-10	COMPUTER & ANTENNA SERVICING

11	EEE002-11	ADVANCED ELECTRONICS & COMMUNICATION PRODUCTS
12	EEE002-12	PRACTICAL - V
13	EEE002-13	PRACTICAL - VI
14	EEE002-14	PRACTICAL - VII

**COURSE CODE: EEE004**

**COURSE NAME: BSS DIPLOMA IN RADIO AND TELEVISION SERVICE**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE004-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE004-02	BASIC ELECTRONICS
3	EEE004-03	RADIO & TELEVISION REPAIRING
4	EEE004-04	PRACTICAL - I
5	EEE004-05	PRACTICAL - II
6	EEE004-06	PRACTICAL - III

**COURSE CODE: EEE006**

**COURSE NAME: BSS DIPLOMA IN INDUSTRIAL ELECTRONICS TECHNOLOGY**

**COURSE DURATION: TWO YEARS**

SNo	Subject Code	Subject
I YEAR		
1	EEE006-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE006-02	BASIC ELECTRONICS
3	EEE006-03	ELECTRONICS MACHINERIES
4	EEE006-04	ELECTRONICS CONTROLLING SYSTEM
5	EEE006-05	PRACTICAL - I
6	EEE006-06	PRACTICAL - II
7	EEE006-07	PRACTICAL - III
8	EEE006-08	PRACTICAL - IV
II YEAR		
9	EEE006-09	MICROPROCESSORS
10	EEE006-10	MEDICAL ELECTRONICS
11	EEE006-11	ADVANCED INDUSTRIAL ELECTRONICS
12	EEE006-12	PRACTICAL - V
13	EEE006-13	PRACTICAL - VI
14	EEE006-14	PRACTICAL - VII

**COURSE CODE: EEE008**

**COURSE NAME: BSS DIPLOMA IN CONSUMER ELECTRONICS MAINTENANCE**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE008-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE008-02	BASIC ELECTRONICS
3	EEE008-03	CONSUMER ELECTRONICS MAINTENANCE
4	EEE008-04	PRACTICAL - I
5	EEE008-05	PRACTICAL - II
6	EEE008-06	PRACTICAL - III

**COURSE CODE: EEE009**

**COURSE NAME: ELECTRICIAN**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE009-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE009-02	ELECTRICAL MAINTENANCE
3	EEE009-03	WIRING SYSTEMS
4	EEE009-04	PRACTICAL - I
5	EEE009-05	PRACTICAL - II
6	EEE009-06	PRACTICAL - III

**COURSE CODE: EEE010**

**COURSE NAME: HEAVY ELECTRICAL MOTOR WINDER**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE010-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE010-02	HEAVY ELECTRICAL MOTORR WINDING TECHNIQUES
3	EEE010-03	PRACTICAL - I
4	EEE010-04	PRACTICAL - II

**COURSE CODE: EEE011**

**COURSE NAME: BSS DIPLOMA IN AIR CONDITIONING AND REFRIGERATION**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE011-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE011-02	BASIC ELECTRONICS
3	EEE011-03	REFRIGERATION MAINTENANCE, SERVICE & TROUBLE SHOOTING
4	EEE011-04	AIRCONDITIONING MAINTENANCE, SERVICE & TROUBLE SHOOTING

5	EEE011-05	PRACTICAL - I
6	EEE011-06	PRACTICAL - II
7	EEE011-07	PRACTICAL - III
8	EEE011-08	PRACTICAL - IV

**COURSE CODE: EEE012**

**COURSE NAME: BSS DIPLOMA IN ADVANCED MOBILE PHONE TECHNOLOGY**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE012-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE012-02	BASIC ELECTRONICS
3	EEE012-03	MOBILE PHONE DRAWINGS
4	EEE012-04	MAINTENANCE OF CIRCUITS
5	EEE012-05	ADVANCED MOBILE PHONE SERVICING
6	EEE012-06	PRACTICAL - I
7	EEE012-07	PRACTICAL - II
8	EEE012-08	PRACTICAL - III
9	EEE012-09	PRACTICAL - IV
10	EEE012-10	PRACTICAL - V

**COURSE CODE: EEE019**

**COURSE NAME: BSS DIPLOMA IN DOMESTIC ELECTRONIC EQUIPMENT SERVICING**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE019-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE019-02	ELECTRONICS, DRAFTING, CONSTRUCTION TECHNIQUES AND SERVING PRINCIPLES
3	EEE019-03	ELECTRONICS CIRCUITS AND PRINCIPLES
4	EEE019-04	AUDIO SYSTEMS
5	EEE019-05	ELECTRONIC APPLIANCES AND GADGETS
6	EEE019-06	PROJECTION EQUIPMENTS
7	EEE019-07	PRACTICAL - I
8	EEE019-08	PRACTICAL - II
9	EEE019-09	PRACTICAL - III
10	EEE019-10	PRACTICAL - IV
11	EEE019-11	PRACTICAL - V
12	EEE019-12	PRACTICAL - VI

**COURSE CODE: EEE022**

**COURSE NAME: BSS DIPLOMA IN INVERTOR, UPS TECHNOLOGY**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE022-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE022-02	BASIC ELECTRONICS
3	EEE022-03	INVERTOR MECHANISM
4	EEE022-04	UPS MECHANISM
5	EEE022-05	PRACTICAL - I
6	EEE022-06	PRACTICAL - II
7	EEE022-07	PRACTICAL - III
8	EEE022-08	PRACTICAL - IV

**COURSE CODE: EEE024**

**COURSE NAME: BSS DIPLOMA IN DTH TECHNOLOGY**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE024-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE024-02	BASIC ELECTRONICS
3	EEE024-03	DTH TECHNOLOGY
4	EEE024-04	PRACTICAL - I
5	EEE024-05	PRACTICAL - II
6	EEE024-06	PRACTICAL - III

**COURSE CODE: EEE026**

**COURSE NAME: ELECTRONICS TECHNICIAN**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE026-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE026-02	BASIC ELECTRONICS
3	EEE026-03	ELECTRONICS DURABLES & SERVICE
4	EEE026-04	PRACTICAL - I
5	EEE026-05	PRACTICAL - II
6	EEE026-06	PRACTICAL - III

**COURSE CODE: EEE027**

**COURSE NAME: EMBEDDED SYSTEM & PLC TECHNICIAN**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
-----	--------------	---------

1	EEE027-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE027-02	BASIC ELECTRONICS
3	EEE027-03	EMBEDDED SYSTEM & PLC TECHNIQUES
4	EEE027-04	PRACTICAL - I
5	EEE027-05	PRACTICAL - II
6	EEE027-06	PRACTICAL - III

**COURSE CODE: EEE028**

**COURSE NAME: ELECTRICAL POWER DRIVES TECHNICIAN**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE028-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE028-02	BASIC ELECTRICAL THEORY
3	EEE028-03	ELECTRICAL POWER DRIVES TECHNIQUES
4	EEE028-04	PRACTICAL - I
5	EEE028-05	PRACTICAL - II
6	EEE028-06	PRACTICAL - III

**COURSE CODE: EEE029**

**COURSE NAME: BSS DIPLOMA IN ELECTRICAL MOTOR REWINDING**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE029-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE029-02	BASIC ELECTRICAL THEORY
3	EEE029-03	ELECTRICAL MOTOR REWINDING TECHNIQUES
4	EEE029-04	PRACTICAL - I
5	EEE029-05	PRACTICAL - II
6	EEE029-06	PRACTICAL - III

**COURSE CODE: EEE030**

**COURSE NAME: CERTIFICATE IN INDUSTRIAL ELECTRONICS**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE030-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	EEE030-02	BASIC ELECTRONICS
3	EEE030-03	ELECTRONICS MECHINERIES
4	EEE030-04	ELECTRONICS CONTROLLING SYSTEM
5	EEE030-05	PRACTICAL - I

6	EEE030-06	PRACTICAL - II
7	EEE030-07	PRACTICAL - III
8	EEE030-08	PRACTICAL - IV

**COURSE CODE: EEE032**

**COURSE NAME: BSS DIPLOMA IN H.V.A.C. TECHNICIAN**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE032-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS (MS-OFFICE)
2	EEE032-02	TOOLS MATERIAL SAFETY
3	EEE032-03	ENGINEERING DRAWING
4	EEE032-04	REFRIGERATION MAINTENANCE, SERVICE & TROUBLE SHOOTING
5	EEE032-05	AIRCONDITIONING MAINTENANCE, SERVICE & TROUBLE SHOOTING
6	EEE032-06	PRACTICAL - I
7	EEE032-07	PRACTICAL - II
8	EEE032-08	PRACTICAL - III
9	EEE032-09	PRACTICAL - IV
10	EEE032-10	PRACTICAL - V

**COURSE CODE: EEE034**

**COURSE NAME: BSS DIPLOMA IN GENERATOR OPERATION & SERVICE TECHNOLOGY**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE034-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS
2	EEE034-02	GENERATOR OPERATION TECHNIQUES
3	EEE034-03	GENERATOR SERVICE TECHNIQUES
4	EEE034-04	PRACTICAL - I
5	EEE034-05	PRACTICAL - II
6	EEE034-06	PRACTICAL - III

**COURSE CODE: EEE035**

**COURSE NAME: AIR CONDITIONING & REFRIGERATION MECHANISM**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE035-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS
2	EEE035-02	TOOLS MATERIAL SAFETY
3	EEE035-03	ENGINEERING DRAWING
4	EEE035-04	REFRIGERATION MAINTENANCE,SERVICE & TROUBLE SHOOTING

5	EEE035-05	AIRCONDITIONING MAINTENANCE, SERVICE & TROUBLE SHOOTING
6	EEE035-06	PRACTICAL - I
7	EEE035-07	PRACTICAL - II
8	EEE035-08	PRACTICAL - III
9	EEE035-09	PRACTICAL - IV
10	EEE035-10	PRACTICAL - V

**COURSE CODE: EEE037**

**COURSE NAME: BSS DIPLOMA IN CCTV TECHNOLOGY & SURVEILLANCE**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE037-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS (MS-OFFICE)
2	EEE037-02	GUIDE TO CCTV TECHNOLOGIES
3	EEE037-03	SETTING OBJECTIVES AND REQUIREMENTS
4	EEE037-04	ELEMENTS OF VIDEO SURVEILLANCE SYSTEM & DIGITAL VIDEO PROCESSING AND MONITORING
5	EEE037-05	VIDEO MANAGEMENT SYSTEM & TRANSMISSION MEDIA
6	EEE037-06	CCTV CAMERA LENSES AND LIGHTING
7	EEE037-07	MULTI PLEXERS
8	EEE037-08	INTRUDER ALARM SYSTEM
9	EEE037-09	PRACTICAL - I
10	EEE037-10	PRACTICAL - II
11	EEE037-11	PRACTICAL - III
12	EEE037-12	PRACTICAL - IV
13	EEE037-13	PRACTICAL - V
14	EEE037-14	PRACTICAL - VI
15	EEE037-15	PRACTICAL - VII
16	EEE037-16	PRACTICAL - VIII

**COURSE CODE: EEE039**

**COURSE NAME: DIPLOMA IN HEAT VENTILATION & AIR CONDITION ENGINEERING**

**COURSE DURATION: ONE YEAR**

SNo	Subject Code	Subject
1	EEE039-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS (MS-OFFICE)
2	EEE039-02	AIR CONDITIONING AND REFRIGERATION-I
3	EEE039-03	HEATING SYSTEM
4	EEE039-04	COMFORT AND PSYCHOMETRICS
5	EEE039-05	AIR CONDITIONING AND REFRIGERATION-II
6	EEE039-06	ADVANCED TROUBLE SHOOTING
7	EEE039-07	PRACTICAL - I



8	EEE039-08	PRACTICAL - II
9	EEE039-09	PRACTICAL - III
10	EEE039-10	PRACTICAL - IV
11	EEE039-11	PRACTICAL - V
12	EEE039-12	PRACTICAL - VI

**COURSE CODE: EEE047**

**COURSE NAME: ELECTRICAL & ELECTRONICS TECHNOLOGY**

**COURSE DURATION: TWO YEARS**

SNo	Subject Code	Subject
I YEAR		
1	EEE047-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS (MS-OFFICE)
2	EEE047-02	GENERAL ENGINEERING
3	EEE047-03	ELECTRICAL TECHNIQUES
4	EEE047-04	ELECTRONICS TECHNIQUES
5	EEE047-05	PRACTICAL - I
6	EEE047-06	PRACTICAL - II
7	EEE047-07	PRACTICAL - III
8	EEE047-08	PRACTICAL - IV
II YEAR		
9	EEE047-09	WIRING SYSTEMS & ELECTRICAL MACHINES
10	EEE047-10	TV & COMPUTER SERVICING
11	EEE047-11	ADVANCED ELECTRICAL & ELECTRONICS PRODUCTS
12	EEE047-12	PRACTICAL - V
13	EEE047-13	PRACTICAL - VI
14	EEE047-14	PRACTICAL - VII