

RENEWABLE ENERGY SYSTEMS

Sl No.	Lect No.	Topic Name	Lecture Details	Date	Status
1	1/1	Introduction to Renewable Energy	Environmental consequences of fossil fuel use	14.02.2023	Completed
2	1/2	Importance of renewable sources of energy		15.02.2023	Completed
3	1/3	Sustainable Design and development.		16.02.2023	Completed
4	1/4	Type of RE sources		17.02.2023	Continue
5	1/5	- do -		20.02.2023	Completed
6	1/6	Limitations of RE sources		21.02.2023	Completed
7	1/7	Present Indian and International energy scenario of conventional and RE sources.		22.02.2023	Completed
8	2/1	Solar Energy	Solar Photovoltaic System - operating principle.	23.02.2023	Continue
9	2/2	- do -		24.02.2023	Completed
10	2/3	Photovoltaic cell concepts		27.02.2023	Completed
11	2/4	Cell, Module, array		28.02.2023	Completed
12	2/5	Series and parallel connections		1.3.2023	Completed

Sl. NO.	Lect. No.	Topic Name	Lecture Details	Date	Status
13	2/6		Maximum power point tracking (MPPT)	2.3.2023	Continue
14	2/7		- do -	3.3.2023	Completed
15	2/8		Classification of energy sources	6.3.2023	Continue
16	2/9		- do -	9.3.2023	Completed
17	2/10		Extra terrestrial Radiation	10.3.2023	Completed
18	2/11		Terrestrial Radiation.	13.3.2023	Completed
19	2/12		Azimuth Angle.	14.3.2023	Completed
20	2/13		Zenith Angle.	15.3.2023	Completed
21	2/14		Hour Angle.	16.3.2023	Completed
22	2/15		Irradiance	17.3.2023	Completed
23	2/16		Solar constant.	20.3.2023	Completed
24	2/17		Solar Collectors.	21.3.2023	Completed
25	2/18		Types and performance characteristics.	22.3.2023	Continue
26	2/19		- do -	23.3.2023	Completed
27	2/20		Applications: Photovoltaic battery charger.	24.3.2023	Completed

1. The first part of the document is a list of names and dates. The names are written in a cursive hand, and the dates are in a more formal, printed style. The list appears to be a record of some kind, possibly a list of students or members of an organization.

2. The second part of the document is a list of names and dates, similar to the first part. The names are written in a cursive hand, and the dates are in a more formal, printed style. The list appears to be a record of some kind, possibly a list of students or members of an organization.

3. The third part of the document is a list of names and dates, similar to the first two parts. The names are written in a cursive hand, and the dates are in a more formal, printed style. The list appears to be a record of some kind, possibly a list of students or members of an organization.

4. The fourth part of the document is a list of names and dates, similar to the first three parts. The names are written in a cursive hand, and the dates are in a more formal, printed style. The list appears to be a record of some kind, possibly a list of students or members of an organization.

5. The fifth part of the document is a list of names and dates, similar to the first four parts. The names are written in a cursive hand, and the dates are in a more formal, printed style. The list appears to be a record of some kind, possibly a list of students or members of an organization.

6. The sixth part of the document is a list of names and dates, similar to the first five parts. The names are written in a cursive hand, and the dates are in a more formal, printed style. The list appears to be a record of some kind, possibly a list of students or members of an organization.

7. The seventh part of the document is a list of names and dates, similar to the first six parts. The names are written in a cursive hand, and the dates are in a more formal, printed style. The list appears to be a record of some kind, possibly a list of students or members of an organization.

8. The eighth part of the document is a list of names and dates, similar to the first seven parts. The names are written in a cursive hand, and the dates are in a more formal, printed style. The list appears to be a record of some kind, possibly a list of students or members of an organization.

9. The ninth part of the document is a list of names and dates, similar to the first eight parts. The names are written in a cursive hand, and the dates are in a more formal, printed style. The list appears to be a record of some kind, possibly a list of students or members of an organization.

10. The tenth part of the document is a list of names and dates, similar to the first nine parts. The names are written in a cursive hand, and the dates are in a more formal, printed style. The list appears to be a record of some kind, possibly a list of students or members of an organization.

Sl No.	Lecture No.	Topic Name	Lecture Details	Date	Status
41	3/12		Grid connected and self excited induction generator operation.	06/04/23	Continue
42	3/13		-do-	08/04/23	Completed
43	3/14		Constant Voltage and Constant Frequency generation with power electronic control.	08/04/23	Continue
44	3/15		-do-	08/04/23	Completed
45	3/16		single and double output systems.	08/04/23	Continue
46	3/17		-do-	09/04/23	Completed
47	3/18		Characteristics of Wind power plant.	09/04/23	Continue
48	3/19		-do-	09/04/23	Completed
49	4/1	Biomass Power	Energy from Biomass	09/04/23	Completed
50	4/2		Biomass as Renewable Energy source.	10/04/23	Continue
51	4/3		-do-	10/04/23	Completed

Sl. No.	Lect. No.	Topic Name	Lecture Details	Date	Status
52	4/4		Types of Biomass fuels - Solid, Liquid and Gas.	10/04/23	Continue
53	4/5		-do-	11/04/23	Completed
54	4/6		Combustion and Fermentation	11/04/23	Continue
55	4/7		-do-	11/04/23	Completed
56	4/8		Anaerobic digestion.	12/04/23	Continue
57	4/9		-do-	12/04/23	Completed
58	4/10		Types of biogas digester	13/04/23	Continue
59	4/11		-do-	14/04/23	Completed
60	4/12		Wood gasifier	15/04/23	Completed
61	4/13		Pyrolysis	17/04/23	Completed
62	4/14		Applications: Biogas, Bio diesel.	18/04/23	Completed
63	5/1	Other Energy Sources	Tidal Energy: Energy from the tides, Barrage and Non Barrage Tidal power systems.	19/04/23	Completed
64	5/2		-do-	19/04/23	Completed

Sl. No.	Topic Name	Lecture Details	Date	Status
65	5/3	Clean Thermal Energy Conversion (CTEC)	02/05/23	Continue
66	5/4	-dc-	03/05/23	Completed
67	5/5	Renewable Energy - Classification	03/05/23	Continue
68	5/6	-dc-	04/05/23	Completed
69	5/7	Hybrid Energy Systems	05/05/23	Continue
70	5/8	-dc-	07/05/23	Completed
71	5/9	Need for Hybrid Systems	10/05/23	Completed
72	5/10	Diesel - PV	11/05/23	Completed
73	5/11	Wind - PV	12/05/23	Completed
74	5/12	Microhydel - PV	13/05/23	Completed
75	5/13	Electric and hybrid electric vehicles	15/05/23	Completed

Control System Engineering

SL No	Lech. No	Topic Name	Subject details	Date	Remarks
1	1/1	fundamentals of control system	classification of control system	14.2.23	completed
2	1/2		open loop system and closed loop system and its compensation	16.2.23	completed
3	1/3		Effects of feedback	17.2.23	completed
4	1/4		standard test signals (step, ramp, parabolic, impulse function)	20.2.23	Completed
5	1/5		11 Servomechanism	21.2.23	Completed
6	1/1	mathematical model of a system	transfer function and impulse response	23.2.23	Completed
7	1/1		properties, advantages and disadvantages of transfer function	24.2.23	completed
8	1/3		poles and zeros of transfer function	27.2.23	Completed

Sl. No.	Course No.	Topic	Sample problems of practical work or assignments	Date	Remarks
1	1/1		Simple problems of practical work or assignments	10/3/23	Completed
			Mathematical modeling of electrical systems (R/L/C Analogue systems)		
2	1/2	Control Systems	Components of Control Systems	12/3/23	Completed
	1/2		"	13/3/23	Completed
3	1/3		Crytoscope, Synchros, tachometer, DC Servomotors, AC Servomotors	16/3/23	Completed
4	1/4	Block Diagram	Distinction, basic elements of block diagram	19/3/23	Completed
			Signal flow graph		
5	1/5		Canonical form of closed loop systems	10/3/23	Completed
6	1/6		Block Diagram reduction	13/3/23	Completed

16	1/2	Procedure for reduction of block diagram	14.3.23	Completed
17	1/5	Simple problems for equivalent transfer function	16.3.23	Completed
18	1/6	Basic definition in signal flow graph and impedances	17.3.23	Completed
19	1/7	Construction of signal flow graph from block diagram	20.3.23	Completed
20	1/8	Mason's Gain formula	21.3.23	Completed
21	1/9	Simple problems in signal flow graph for network	23.3.23	Completed
22	1/1	Time response of control system.	24.3.23	Completed
23		Time response analysis Step signal Ramp signal Parabolic signal Impulse signal	27.3.23	Completed
24	1/2	Standard test signal	28.3.23	Completed
25	1/3	Time response of first order system with	31.3.23	Completed
	1/4	Unit step response Unit impulse response	04/04/23	

SL No	Lesson	Topic	subject details	Date	Status
26	1/4		Time response of second order systems in the band step response.	06/04/23	Completed
27	1/5		Time response specifications Derivation of expression for Rise, peak time, peak overshoot, settling time and steady state error.	11/04/23	Completed
28	1/6		Derivation of expression for Rise time, peak time, peak overshoot, settling time and steady state error.	18/04/23	Completed
29	1/7		Steady state error and error constants	18/04/23	Completed
30	1/8		Types of control systems	20/04/23	Completed
31	1/9		Effect of adding poles and zero to transfer function	25/04/23	Completed
32	1/10		Response with P, PI, PD and PID Controller	25/04/23	Completed
33	4/1	Analysis of stability by root locus technique	Root locus concept	27/04/23	Completed

S. No.	Lab No.	Topic	Subject details	Date	Status
24	1/2		Contribution of root loci.	27/04/23	Completed
25	1/3		"		
26	1/4		"		
27	1/5		"		
35	1/6		Rules for construction of the root locus	1/05/23	Completed
39	1/7		"		
40	1/8		"		
41	1/9		Effect of adding poles and zeros to G(s) and H(s)	1/05/23	Completed
42	1/10		"		
43	1/1	Frequency Response Analysis	Relationship between time response and frequency response	2/05/23	Completed
44	1/2		polar plots	2/05/23	Completed
45	1/3		Bode plots	2/05/23	Completed
46	1/4		"		
47	1/5		All pass and minimum phase system	04/05/23	Completed

48	116		Computation of gain margin and phase margin	04/05/23	Completed
49	117		"		"
50	118		log magnitude Versus phase plot	04/05/23	Completed
51	119		"		"
52	120		closed loop frequency response	08/05/23	Completed
53	1/1	Nyquist plot	principle of argument	08/05/23	Completed
53	1/2		Nyquist stability criterion	08/05/23	Completed
54	113		Nyquist stability criterion applied to root locus plot	09/05/23	Completed
55	114		Effect of addition of poles and zero to $G(s)$, $H(s)$ on the shape of Nyquist plot	09/05/23	Completed
56	115		Assessment of relative stability	09/05/23	Completed
57	116		"		"
58	1/7		Constant M and N circle		
59	118		"		"

Electrical installation and estimating

S.LNO	LechNO	Topic	Subject details	Date	Status
1	1/1	Indian Electricity Rules	Definitions, Ampere, Apparatus, Accessible, Bare Cable, Circuit, "	14.2.23	Completed
2	1/2		Circuit breaker, Conductor Voltage (Low, medium, high, FA), live, dead, Cut-out, Conduit, System	15.2.23	Completed
3	1/3		General safety precautions, Rule 29, 30, 31, 32, 33, 34, 35, 36, 40, 41, 43, 44, 45,	16.2.23	Completed
4	1/4		General Conditions relating to supply and use of energy - rule 47, 48, 49, 50, 51,	17.2.23	Completed
5	1/5		OH lines: Rule 74, 75, 76, 77, 78, 79, 80, 86, 87, 88, 87, 88, 89, 90, 91	20.2.23	Completed
6	1/1	Electrical Installations	Electrical installations domestic, industrial, wiring system, internal distribution	21.2.23	Completed
7	1/2		Voltage grading of cables	22.2.23	Completed

6	113	Accessories man Switch and distribution boards, cord etc	23.2.23 completed
7	114	Conduct assessments of fitting, lighting accessories and fittings	24.2.23 completed
10	115	Is spec. directives regarding earthing of electrical installations	27.2.23 completed
11	116	Lighting scheme: Aspects of good lighting Sensors,	28.2.23 completed
12	117	Material required for GIS pipe earthing	1.3.23 completed
13	118	wire, fuse units, earthing conductors earthing	2.3.23 completed
14	119	determination of total load,	3.3.23 completed
15	110	determination of number of sub-circuit	6.3.23 completed

16	12	material zone	prepare material zone	9-3-23	completed
17	13		finish zone strip one half material zone	10-3-23	completed
18	14		finishing, check advances, comparison and applications	12-3-23	completed
19	15		prepare one estimate of material required for CTS	14-3-23	completed
20	16		bring in small discrete installation of one room and one vertical within 20m ² with green light.	15-3-23	completed
21	17		prepare one estimate of material required for CTS	16-3-23	completed
22	18		prepare one estimate material required for concrete wing	17-3-23	completed
23	19		prepare one estimate of material required for concrete wing	20-3-23	completed

24	1/9		Installation of poles Towers and line hardware	22/3/23	Completed
25	1/10		Prepare site layout of materials required for completed items for purchase	22-3/23	Completed
26	1/11		Small workshop consultation about 30m ² and load width limits	03/04/23	Completed
27	1/12		The advantages and disadvantages comparison and application	04/04/23	Completed
28	1/1	Site head installation	main components of overhead lines	05/04/23	Completed
29	1/2		heights covering height of pole	06/04/23	Completed
30	1/3		conductor materials	10/04/23	Completed
31	1/4		determination of size of conductor for overhead	11/04/23	Completed

32	115	<p>material line items 20/03</p> <p>types of materials</p> <p>lighting materials</p>	Completed
33	116	<p>Spacing and die</p> <p>characteristics; Spacing</p> <p>layers</p>	12/04/23, Completed
34	117	<p>deformation of size</p> <p>of conductors for overhead transmission line</p>	13/04/23, Completed
35	118	<p>steel guards, heads of</p> <p>Jumpers, Jumps,</p> <p>etc. etc., guarding of overhead</p>	17/04/23, Completed
36	119	<p>prepare an estimate</p> <p>of materials required</p> <p>for LT distribution line</p> <p>within load of 100</p> <p>kW</p>	18/04/23, Completed
37	1110	<p>prepare an estimate</p> <p>of material required</p> <p>for LT distribution</p> <p>line within load of</p> <p>100, (current carrying</p> <p>capacity)</p>	19/04/23, Completed
38	1111	<p>prepare an estimate</p> <p>of material required for</p> <p>LT distribution</p>	20/04/23, Completed

42	1/10	Preparation of samples for chemical analysis of 2/10/22 with the following items 1. 100g of soil	
43	1/10	Preparation of samples of 2/10/22 for chemical analysis of 1. 100g of soil (analysis) 2. 100g of soil	
44	1/11	Analysis of soil samples at 20/01/22 for the following items 1. 100g of soil	
45	1/13	Species inventory 1. 100g of soil 2. 100g of soil 3. 100g of soil	26/01/22
46	1/14	Preparation of samples 27/01/22 for chemical analysis for 100g	
47	1/15	Chemical analysis of samples	27/01/22
48	1/16	Species inventory 27/01/22	

46	1/7	prepare one estimate of materials	01/05/23	Completed
47	1/8	prepare one estimate of material required for service connection for factory building with 1st KW	02/05/23	Completed
48	1/9	prepare one estimate of material required for service	03/05/23	Completed
49	1/10	Arrive base, service support, energy bin and sockets	04/05/23	Completed
50	1/11	double sided building having separate	08/05/23	Completed
51	1/12	one estimate of material required for service connection	09/05/23	Compl
52	1/1	prepare one estimate	10/05/23	
53	1/2	document Substation	11/05/23	

57	113	Estimating Im	pole mounted substation	12/05/23	Completed
55		distribution			
56		Substations			
57			Plinth Mounted Substation	15/05/23	Completed
58					
59			dB		
60			in-pave plinth mounted substation		

Switchgear and Protection

SL-NO	LECONS	TOPIC NAME	LECTURE DETAILS	DATE	STATUS
01.	1/1	Introduction to Switchgear	Introduction to Switchgear Essential features of Switchgear.	1.2.23	Completed
02	1/2.		Switchgear Equipment	13.2.23	Completed
03	1/3.		Bus-Bar Arrangement	17.2.23	Completed
04	1/4		Switchgear Accommodation.	20.2.23	Completed
05	1/5.		short circuit.	20.2.23	Completed
06	1/6.		short circuit.	21.2.23	Completed
07.	1/7.		Faults in a power system.	23.2.23	Completed
08.	2/1	Fault Calculator	Symmetrical faults on 3-phase system	24.2.23	Completed
09.	2/2.		Limitation of Fault Current.	25.2.23	Completed
10.	2/3.		Percentage Reactance	27.2.23	Completed
11	2/4.		Percentage Reactance and Base KVA.	28.2.23	Completed
12	2/5.		short-circuit kVA.	31.2.23	Completed
13	2/6.		Reactor Control of short circuit currents.	2.3.23	Completed

20	2/12	Introduction to Fuses	10.3.23	Completed
21	2/13	Introduction to Fuses	11.3.23	Completed
22	2/18	Current carrying capacity of fuses and fault calculations	12.3.23	Completed
23	2/19	Safe working practices in 11kV systems and symmetrical faults	13.3.23	Completed
24	3/1	Destructive characteristics of fuse element	14.3.23	Completed
25	3/2	Fuse element materials	15.3.23	Completed
26	3/3	Types of fuses and important terms used for fuses.	16.3.23	Completed
27	3/4	Low and high voltage fuses	17.3.23	Completed
28	3/5	Current carrying capacity of fuse element	18.3.23	Completed
29	3/6	Difference between a fuse and circuit breaker.	19.3.23	Completed
30	4/1	Circuit Breakers Definition and principle of Circuit Breaker	20.3.23	Completed
31	4/2	Arc phenomenon and principle of Arc Extinction.	21.3.23	Completed

			DATE	STATUS
31	4/12	Methods of Arc Extinction.	23.3.23	Completed
32	4/14	Definitions of Arc voltage, Re-striking voltage and Recovery voltage.	24.3.23	Completed
33	4/15	Classification of circuit Breaker.	25.3.23	Completed
34	4/16	Oil circuit Breaker and its classification.	27.3.23	Completed
35	4/17	Plain Break oil circuit Breaker, Arc control oil Circuit Breaker.	28.3.23	Completed
36	4/18	Low oil circuit Breaker, Maintenance of oil circuit Breaker.	31.3.23	Completed
37	4/19	Tutorial.	3/04/23	Completed
38	5/1	Air-Blast circuit Breaker and its classification.	4/04/23	Completed
39	5/2	(SF ₆) Circuit Breaker.	6/04/23	Completed
40	5/3	Vacuum circuit Breakers.	8/04/23	Completed
41	5/4	Switchgear Component.	10/04/23	Completed
42	5/5	Tutorial.	11/04/23	Completed
43	5/6	Resistance Switching.	12/04/23	Completed
44	5/7	Circuit Breaker Rating.	15/04/23	Completed
45	5/8	Protective Relays: Definition of Protective Relay.	17/04/23	Completed
46	5/9	Fundamental requirement of protective relay.	18/04/23	Completed
47	5/10	Basic Relay operation Electromagnetic attraction type induction type.	19/04/23	Completed

Sl. No.	Topic	Lecture No.	Date	Status
42	Pick up current setting.		20/04/23	Completed
43	Classification of relays		21/04/23	Completed
44	Tutorial.		21/04/23	Completed
45	Induction type over current ^{Relays}		24/04/23	Completed
46	Induction type directional ^{Reverse Relay}		25/04/23	Completed
47	Induction type directional ^{Over Current Relay}		26/04/23	Completed
48	Current differential Relay.		26/04/23	Completed
49	Tutorial.		26/04/23	Completed
50	Types of Protection ^{Equipment}		27/04/23	Completed
51	Protection of electrical ^{Equipment}		27/04/23	Completed
52	Differential protection of ^{A Alternator}		28/04/23	Completed
53	Protection system for tourist		01/05/23	Completed
54	Tutorial.		02/05/23	Completed
55	Protection of Bus-bar		04/05/23	Completed
56	Different pilot wire ^{Line} protection of Transmission		05/05/23	Completed
57	Explain protection of feeder by over current.		06/05/23	Completed
58	Protection Against over voltage and Lightning voltage surge.		08/05/23	Completed
59	Tutorial.		09/05/23	Completed
60	Static Relay Advantage of static relay instantaneous over current relay. Principle of IDMT Relay.		10/05/23	Completed

LIFE SKILL

Lesson Topic/Name	Details	Date	Status
1/1	Social Skill Society, Social Structure, Develop Sympathy and Empathy. SWOT Analysis - Concept.	15.2.2023	Completed
1/2	How to make use of SWOT.	22.2.2023	Completed
1/3	Inter personal Relations; Sources of conflict, resolution of conflict.	1.3.2023	Completed
1/4	Ways to enhance interpersonal relation.	15.3.2023	Completed
2/1	Problem Solving Steps of Problem Solving; Identify and Clarify the Problem	22.3.2023	Completed
2/2	Information gathering related to problem.	29.3.2023	Completed
2/3	Evaluate the evidence.	05/04/23	Completed
2/4	Consider alternative solutions and their implications.	12/04/23	Completed
2/5	Choose and implement the best alternative.	19/04/23	Completed
2/6	Review	19/04/23	Completed
2/7	Problem Solving techniques: 1) Trial and error. 2) Brain storming 3) Lateral thinking.	26/04/23	Completed

Sl. No.	Topic Name	Details	Date	Status
3/2	Presentation Skill	Body language, Dress like the audience, Posture, Gestures, Eye Contact and Facial expression.	02/05/23	Completed
3/2		STAGE FRONT	11	Completed
3/3		Voice and Language - Volume, Pitch, Inflection, Speed, Pause, Pronunciation, Articulation, Language, Practice of Speech.	10/05/23	Completed
4		Use of AV aids such as Laptop with LCD projector, White board.	10/05/23	Completed
1	Group Discussion and Interview Techniques	Group Discussion: Introduction, Ways to carry out group discussion, Parameters - Content, body language, analytical and logical thinking, decision making.		
2		Interview Technique: Dress, Posture, Gestures, Facial expression, Approach, Tips of handling common questions.		
1	Working in Team	Understand and work within the dynamics of a groups.		
		Tips to work effectively in teams.		

Sl. No. / Lect. No.	Topic Name	Details	Date	Status
20	5/3	Establish good rapport, interest with others and work effectively with them to meet common objectives.		
21	5/4	Tips to provide and accept feedback in a constructive and considerate way.		
22	5/5	Leadership in teams.		
23	5/6	Handling frustrations in group.		
24	6/1	Task Management		
		Introduction.		
5	6/2	Task Identification.		
6	6/3	Task Planning.		
7	6/4	Organizing and execution.		
8	6/5	closing the task.		
9	6/6	Mock Interview.		
30	6/7	Seminar Presentation.		

Electrical Workshop Practice

S/N	Topic Name	Details	Date	Status
1/1		Demonstration of Identification of single core (SC), twin core (TC), three cores (3C), four cores (4C), copper and aluminium PVC, VIR and weather proof (WP) wire and prepare Britannia	20.2.23	Completed ✓
1/2		Identification twin core TC and Practical of single core, three copper (3C), four cores (4C) copper and aluminium PVC, VIR and weather proof (WP) wire and prepare Britannia T Joint and Manned joint.	24.2.23	Completed ✓
1/3		Observation of single core (SC), twin core (TC), three cores (3C), four cores 4C copper and aluminium PVC, VIR and weather proof (WP) wire and prepare Britannia T Joint and Manned joint	27.2.23	Completed ✓
1/1		Demonstration of cutting copper and aluminium cable and crimping by different 2.5 mm ² to 6 mm ² cross section.	6.3.23	Completed ✓
2		Practical of cutting copper and aluminium cable and crimping by different 2.5 mm ² to 6 mm ² cross section.	10.3.23	Completed ✓

Practical

General concepts

Date

status

Demonstration of the construction and working of fluorescent tube lamp, high pressure Hg lamp, sodium vapour lamp, CFL and halogen metal lamps - measure induction lux meters in each case prepare the table.

12.3.23

completed

Observation of the construction and working of fluorescent tube light, high pressure Hg lamp, sodium vapour lamp, H.L lamp, CFL and halogen metal lamps - measure induction lux meters in each case prepare table.

12.3.23

completed

Practical of the above Experiment

20.3.23

completed

3
Demonstration of the 24-3-23 completed
3 phase battery charging and
control system installed
and functional
charging voltage control
and safety (battery)

4
Practical of the study 27-3-23 completed
battery charging and
control charging of lead
acid battery

5
Observation of the study 31-3-23 completed
battery charging and
control charging of lead
acid battery

6
Demonstration of the 05/04/23
Installation of residential
building wiring by CTS
and conduct wiring
system using main two
points and test installation
by test loop method
and wiring.

7
Practical of the installation 10/04/23
of residential building
wiring by CTS and
conduct wiring system

Construction of the

13/04/23

Execution of the electrical
building survey by CIS and
Cable tracing System
using tracer two points and
loop method and
3 mags.

Demonstration of the
fault finding and repairing
of ceiling fan

17/04/23

Practical of the fault
finding and repairing
of ceiling fan

20/04/23

Observation of the fault
finding and repairing of
ceiling fan

24/04/23

Demonstration of the bond
out the fault of D.C
generator, repair, and test
it to run

27/04/23

Practical of the bond out the
fault of D.C generator,
repair, and test it to run

31/04/23

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Production of the
components of the head
on the 'head & C'
specimen. 11/05/22
head in to cut

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Demonstration of the
head of DC motor
standards and DC motor
standards - prepare an
inventory list of parts
used in different standards

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Production of the head out
of DC motor standards and
DC motor standards prepare
an inventory list of
parts used in different
standards.

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observation of the head out
of DC motor standards and
DC motor standards prepare
an inventory list of
parts used in different
standards

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Demonstration of the
disassemble, over haul
and assemble a single phase
induction motor, test and
run it, preparing an inventory
list

25	Practical of dismantle over haul and assemble a single phase induction motor, start and running it.	13/05/23
26	observation of the dismantle, over haul and haul like a single phase induction motor testing and running it.	13/05/23
27	Obser Dem construction of Dismantle over haul and assemble a three phase squirrel cage and phase wound motor	15/05/23
28	Practical of dismantle over haul and assemble a three phase squirrel cage and phase wound motor	15/05/23
	Dem construction of the overhaul a single phase and 3-phase variac.	17
29	Practical of the overhaul a single phase and 3- phase variac.	17

PROJECT WORK - II

Sl. No.	Topic Name	Details	Date	Status
1	1/1 Cover Page	Title of the Project	14.2.23	Completed
2	1/2	- do -	16.2.23	Completed
3	1/3	- do -	12.2.23	Completed
4	2/4	Submitted in Partial fulfillment of the requirements for the Diploma in <Branch Name>	20.2.23	Completed
5	1/5	- do -	21.2.23	Completed
6	1/6	- do -	23.2.23	Completed
7	1/7	By Name of the student	24.2.23	Completed
8	1/8	- do -	25.2.23	Completed
9	1/9	- do -	27.2.23	Completed
10	1/10	Logo of the Institution	28.2.23	Completed
11	1/11	- do -	2.3.23	Completed
12	1/12	- do -	4.3.23	Completed
13	1/13	Branch Name	16.3.23	Completed
14	1/14	Department Name	23.3.23	Completed
15	1/15	Institution Name with address.	01/04/23	Completed

S.No.	lect No.	Topic Name	Details	Date	Status
16	1/16		Academic Year	11/04/23	Continue
17	1/17		- do -	11/04/23	Completed
18	2/1	1st Semester Page	1st Semester Page Certificate	18/04/23	Continue
19	2/2	Certificate	- do -	"	Continue
20	2/3		- do -	"	Completed
21	3/1	2nd Semester Page	Acknowledgement by the Students	25/04/23	Continue
22	3/2		- do -	"	Completed
23	3/3		- do -	"	Completed
24	4/1	Contents	Contents	02/05/23	Continue
25	4/2		- do -	"	Completed
26	5/1	Reports	Chapterwise arrangement of Reports	04/05/23	Continue
27	5/2		- do -	"	Continue
28	5/3		- do -	"	Completed
29	6/1	Last Chapter	Conclusion	"	Continue
30	6/2		- do -	"	Completed

Sl. No.	Lect. No.	Topic Name	Details	Date	Status
31	6/3		(i) Conclusion	09/05/23	Continue
32	6/4		- do -	"	Continue
33	6/5		- do -	"	Completed
34	6/6		(ii) Limitations	11/05/23	Continue
35	6/7		- do -	"	Continue
36	6/8		- do -	"	Completed
37	6/9		(iii) Scope for further improvement	11/05/23	Continue
38	6/10		- do -	"	Completed
39	7/1	References	References	"	Continue
40	7/2		- do -	"	Completed