

Discipline Electrical Engg.	Semester: - 6 th (1st shift)	Name of the Teaching Faculty: - Rojalin Choudhury & Amita Basti
Subject: - ELECTRICAL WORKS PRACTICE	No of Days/per Week Class Allotted: - 6p/week	Semester From: 16 th april 2021 to 30 th june 2021
Week	Class Day	Theory/ Practical Topics
1 st	11/3/22	1. Identification of single core (SC), twin core (TC), three cores (3c), four cores (4c);copper and aluminium PVC, VIR & Weather proof (WP) wire and prepare Britannia T joint and Married joint.(Theory)
	14/3/22	1. Identification of single core (SC), twin core (TC), three cores (3c), four cores (4c); copper and aluminium PVC, VIR & Weather proof (WP) wire and prepare Britannia T joint and Married joint.(Practical)
2 nd	21/3/22	1. Identification of single core (SC), twin core (TC), three cores (3c), four cores (4c); copper and aluminium PVC, VIR & Weather proof (WP) wire and prepare Britannia T joint and Married joint.(Practical) (contd.)
	28/3/22	1. Identification of single core (SC), twin core (TC), three cores (3c), four cores (4c); copper and aluminium PVC, VIR & Weather proof (WP) wire and prepare Britannia T joint and Married joint.(Practical) (contd.)
3 rd	04/04/22	2. Cutting copper and aluminium cable and crimping lug to them from 4mm ² to 25mm ² cross section. .(Theory)
	08/04/22	2. Cutting copper and aluminium cable and crimping lug to them from 4mm ² to 25mm ² cross section. (Practical)
4 th	11/4/22	3. Connection and testing of fluorescent tube light, high pressure M.V. lamp, sodium vapor lamp, M.H lamp, CFL and latest model lamps – measure inductance, Lux/ lumens (intensity of illumination) in each case prepare lux table.(Theory)
	18/4/22	3. Connection and testing of fluorescent tube light, high pressure M.V. lamp, sodium vapor lamp, M.H lamp, CFL and latest model lamps – measure inductance, Lux/ lumens (intensity of illumination) in each case prepare lux table(practical) (contd.)
5 th	22/4/22	3. Connection and testing of fluorescent tube light, high pressure M.V. lamp, sodium vapor lamp, M.H lamp, CFL and latest model lamps – measure inductance, Lux/ lumens (intensity of illumination) in each case prepare lux table(practical) (contd.)
	25/4/22	3. Connection and testing of fluorescent tube light, high pressure M.V. lamp, sodium vapor lamp, M.H lamp, CFL and latest model lamps – measure inductance, Lux/ lumens (intensity of illumination) in each case prepare lux table(practical) (contd.)
6 th	06/5/22	4. Study battery charger and make charging of lead acid battery (record charging voltage, current and specific gravity). (Theory)
	09/5/22	4. Study battery charger and make charging of lead acid battery (record charging voltage, current and specific gravity). (Practical)
7 th	20/5/22	5. Erection of residential building wiring by CTS and conduit wiring system using main two points and test installation by test lamp method and a meggar. (Theory)
	23/5/22	5. Erection of residential building wiring by CTS and conduit wiring system using main two points and test installation by test lamp method and a meggar. (Practical)
8 th	3/5/22	Holiday
	4/5/22	5. Erection of residential building wiring by CTS and conduit wiring system using main twopoints and test installation by test lamp method and a meggar. (Practical)(Contd.)
9 th	10/5/22	5. Erection of residential building wiring by CTS and conduit wiring system using main twopoints and test installation by test lamp method and a meggar. (Practical)
	11/5/22	6. Fault finding & repairing of Fan – prepare an inventory list of parts. (Theory)
10 th	17/5/22	6. Fault finding & repairing of Fan – prepare an inventory list of parts. (practical)
	18/5/22	6. Fault finding & repairing of Fan – prepare an inventory list of parts. (practical)(contd.)
11 th	24/5/22	7. Find out fault of D.C. generator, repair and test it to run. (Theory)
	25/5/22	7. Find out fault of D.C. generator, repair and test it to run. (practical)
12 th	31/5/22	8. Find out fault of D.C. motor starters and A.C motor starter – prepare an inventory list of parts used in different starters. (Theory)
	1/6/22	8. Find out fault of D.C. motor starters and A.C motor starter – prepare an inventory list of parts used in different starters. (Practical)
13 th	7/6/22	9. Dismantle, over haul and assemble a single-phase induction motor. Test and run it. – prepare an inventory list. (Theory)
	8/6/22	9. Dismantle, over haul and assemble a single-phase induction motor. Test and run it. – prepare an inventory list. (Practical)
14 th	Extra class	10. Dismantle over haul and assemble a three-phase squirrel cage and phase wound

		motor. Test and run them. (Theory)
	Extra class	10. Dismantle over haul and assemble a three-phase squirrel cage and phase wound motor. Test and run them. (Practical)
15 th	Extra class	11. Overhaul a single phase / 3 phase variac. (Theory)
	Extra class	11. Overhaul a single phase / 3 phase variac. (Practical)

Signature of Teaching Faculty

Discipline Electrical Engg.	Semester: - 6th (2nd shift) Gr-2	Name of the Teaching Faculty: - Lucky Rani Behuria & Amita Basti
Subject: - ELECTRICAL WORKS PRACTICE	No of Days/per Week Class Allotted: - 6p/week	Semester From: 10 th Mar 2022 to 10 th Jun 2022
Week	Class Day	Theory/ Practical Topics
1 st	10/3/22	1. Identification of single core (SC), twin core (TC), three cores (3c), four cores (4c);copper and aluminium PVC, VIR & Weather proof (WP) wire and prepare Britannia T joint and Married joint.(Theory)
	11/3/22	1. Identification of single core (SC), twin core (TC), three cores (3c), four cores (4c); copper and aluminium PVC, VIR & Weather proof (WP) wire and prepare Britannia T joint and Married joint.(Practical)
2 nd	17/3/22	1. Identification of single core (SC), twin core (TC), three cores (3c), four cores (4c); copper and aluminium PVC, VIR & Weather proof (WP) wire and prepare Britannia T joint and Married joint.(Practical)
	18/3/22	Hoilday
3 rd	24/3/22	1. Identification of single core (SC), twin core (TC), three cores (3c), four cores (4c); copper and aluminium PVC, VIR & Weather proof (WP) wire and prepare Britannia T joint and Married joint.(Practical)
	25/3/22	2. Cutting copper and aluminium cable and crimping lug to them from 4mm ² to 25mm ² cross section. .(Theory)
4 th	31/3/22	2. Cutting copper and aluminium cable and crimping lug to them from 4mm ² to 25mm ² cross section. (Practical)
	1/4/22	Hoilday
5 th	7/4/22	3. Connection and testing of fluorescent tube light, high pressure M.V. lamp, sodium vapor lamp, M.H lamp, CFL and latest model lamps – measure inductance, Lux/ lumens (intensity of illumination) in each case prepare lux table.(Theory)
	8/4/22	3. Connection and testing of fluorescent tube light, high pressure M.V. lamp, sodium vapor lamp, M.H lamp, CFL and latest model lamps – measure inductance, Lux/ lumens (intensity of illumination) in each case prepare lux table(practical)
6 th	14/4/22	Hoilday
	15/4/22	Hoilday
7 th	21/4/22	3. Connection and testing of fluorescent tube light, high pressure M.V. lamp, sodium vapor lamp, M.H lamp, CFL and latest model lamps – measure inductance, Lux/ lumens (intensity of illumination) in each case prepare lux table(practical)contd
	22/4/22	4. Study battery charger and make charging of lead acid battery (record charging voltage, current and specific gravity). (Theory)
8 th	28/4/22	4. Study battery charger and make charging of lead acid battery (record charging voltage, current and specific gravity). (Practical)
	29/4/22	5. Erection of residential building wiring by CTS and conduit wiring system using main twopoints and test installation by test lamp method and a meggar. (Theory)
9 th	5/5/22	5. Erection of residential building wiring by CTS and conduit wiring system using main twopoints and test installation by test lamp method and a meggar. (Practical)
	6/5/22	5. Erection of residential building wiring by CTS and conduit wiring system using main twopoints and test installation by test lamp method and a meggar. (Practical)
10 th	12/5/22	5. Erection of residential building wiring by CTS and conduit wiring system using main twopoints and test installation by test lamp method and a meggar. (Practical)
	13/5/22	5. Erection of residential building wiring by CTS and conduit wiring system using main twopoints and test installation by test lamp method and a meggar. (Practical)
11 th	19/5/22	6. Fault finding & repairing of Fan – prepare an inventory list of parts. (Theory)
	20/5/22	6. Fault finding & repairing of Fan – prepare an inventory list of parts. (practical)
12 th	26/5/22	6. Fault finding & repairing of Fan – prepare an inventory list of parts. (practical)
	27/5/22	7. Find out fault of D.C. generator, repair and test it to run. (Theory)
13 th	9/6/22	7. Find out fault of D.C. generator, repair and test it to run. (practical)
	10/6/22	8. Find out fault of D.C. motor starters and A.C motor starter – prepare an inventory list of parts used in different starters. (Theory)

14 th	Extra class	8. Find out fault of D.C. motor starters and A.C motor starter – prepare an inventory list of parts used in different starters. (Practical)
	Extra class	9. Dismantle, over haul and assemble a single-phase induction motor. Test and run it. – prepare an inventory list. (Theory)
15 th	Extra class	9. Dismantle, over haul and assemble a single-phase induction motor. Test and run it. –
	Extra class	prepare an inventory list. (Practical)
16 th	Extra class	10. Dismantle over haul and assemble a three-phase squirrel cage and phase wound motor. Test and run them. (Theory)
	Extra class	10. Dismantle over haul and assemble a three-phase squirrel cage and phase wound motor. Test and run them. (Practical)
17 th	Extra class	11. Overhaul a single phase / 3 phase variac. (Theory)
	Extra class	11. Overhaul a single phase / 3 phase variac. (Practical)

Signature of Teaching Faculty

