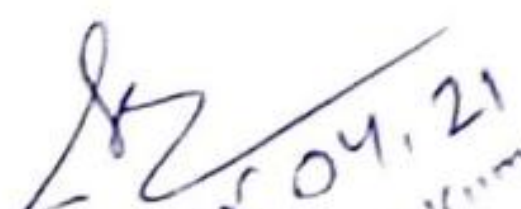



Discipline: ELECTRICAL ENGG	Semester:6TH	Name of the Teaching Faculty: J. BINOD KUMAR
Subject: ELECTRICAL WORKSHOP	No. of Days/per week class allotted: 06	Semester From Date: 15.04.21 To Date: 13.03.21 No. of Weeks 15
Week	Class Day	
1st	01	identification of single core (SC), twin core (TC), three cores (3c), four cores (4c); copper and aluminum PVC, VIR & Weather proof (WP) wire and prepare Britannia Tjoint and Married joint.
	02	identification of single core (SC), twin core (TC), three cores (3c), four cores (4c); copper and aluminum PVC, VIR & Weather proof (WP) wire and prepare Britannia Tjoint and Married joint.
2th	01	Cutting copper and aluminum cable and crimping lug to them from 2.5mm ² to 6 mm ² cross section
	02	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 .
3 rd	01	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 .
	02	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 .
4 th	01	Study battery charger and make charging of lead acid battery (record charging voltage, current and specific gravity)
	02	Study battery charger and make charging of lead acid battery (record charging voltage, current and specific gravity)
5 th	01	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.
	02	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.
6 th	01	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.


 15.04.21
 J. Binod Kumar
 Lecturer in Electrical Engg.
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7 th	02	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.
	01	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.
8 th	02	Fault finding & repairing of Ceiling Fan – prepare an inventory list of parts
	02	Fault finding & repairing of Ceiling Fan – prepare an inventory list of parts
9 th	02	Fault finding & repairing of Ceiling Fan – prepare an inventory list of parts
	02	Fault finding & repairing of Ceiling Fan – prepare an inventory list of parts
10 th	02	Find out fault of D.C. generator, repair and test it to run.
	01	Find out fault of D.C. generator, repair and test it to run.
	01	Find out fault of D.C. generator, repair and test it to run.
11 th	02	Find out fault of D.C. motor starters and A.C motor starter – prepare an inventory list of parts used in different starters
	01	Find out fault of D.C. motor starters and A.C motor starter – prepare an inventory list of parts used in different starters
	02	Find out fault of D.C. motor starters and A.C motor starter – prepare an inventory list of parts used in different starters
12 th	01	Dismantle, over haul and assemble a single phase induction motor. Test and run it. – prepare an inventory list
	02	Dismantle, over haul and assemble a single phase induction motor. Test and run it. – prepare an inventory list
13 th	01	Dismantle, over haul and assemble a single phase induction motor. Test and run it. – prepare an inventory list
	02	Dismantle over haul and assemble a three phase squirrel cage and phase wound motor. Test and run them
14 th	01	Dismantle over haul and assemble a three phase squirrel cage and phase wound motor. Test and run them
	02	Dismantle over haul and assemble a three phase squirrel cage and phase wound motor. Test and run them
15 th	01	Overhaul a single phase and 3-phase variac
	02	Overhaul a single phase and 3-phase variac


 (15.04.21) Shod Kumar
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