

AC and DC Machines Lab

S. No.	Name of the item	Qty
1	DC Shunt motor with loading Set 1.GCE/EEE/2014-2015/NC-1/P-01/S-1/1/2 2. GCE/EEE/2014-2015/NC-1/P-01/S-1/2/2	2
2	DC Series Motor with Loading set GCE/EEE/2014-2015/NC-1/P-02/S-2/1/1	1
3	DC Compound motor with Loading Set GCE/EEE/2014-2015/NC-1/P-03/S-3/1/1	1
4	DC shunt motor with Shunt Generator set GCE/EEE/2014-2015/NC-1/P-04/S-4/1/1	1
5	DC shunt motor with Compound Generator set GCE/EEE/2014-2015/NC-1/P-05/S-5/1/1	1
6	DC Shunt Motor with 3 Phase Alternator set GCE/EEE/2014-2015/NC-1/P-06/S-6/1/1	1
7	3 Phase induction motor (Cage) with loading set GCE/EEE/2014-2015/NC-1/P-07/S-7/1/1	1
8	Single Phase induction motor with loading set GCE/EEE/2014-2015/NC-1/P-08/S-8/1/1	1
9	3 phase induction motor (wound) with Loading set GCE/EEE/2014-2015/NC-1/P-09/S-9/1/1	1
10	Single Phase Transformers 2KVA-2 Nos 1 KVA- 2 Nos 1.GCE/EEE/2014-2015/NC-1/P-10/S-10/1/4 2. GCE/EEE/2014-2015/NC-1/P-10/S-10/2/4 3. GCE/EEE/2014-2015/NC-1/P-10/S-10/3/4 4. GCE/EEE/2014-2015/NC-1/P-10/S-10/4/4	4
11	1.Single Phase Auto Transformer (0-270V) 1.5 Amps – 1 No GCE/EEE/2014-2015/NC-1/P-11/S-1/1/1 2. Three Phase Auto Transformer (0-270V) 1.5 Amps – 1 No GCE/EEE/2014-2015/NC-1/P-11/S-2/1/1	2
12	3 Phase AC-DC rectifier (200Amps) GCE/EEE/2014-2015/NC-1/P-11/S-1/1/1	1
13	Portable DC Moving Coil Ammeter 0-2.5A, Accuracy-1 1. GCE/EEE/2014-2015/NC-1/P-15/S-1/1/5 2. GCE/EEE/2014-2015/NC-1/P-15/S-1/2/5 3. GCE/EEE/2014-2015/NC-1/P-15/S-1/3/5 4. GCE/EEE/2014-2015/NC-1/P-15/S-1/4/5 5. GCE/EEE/2014-2015/NC-1/P-15/S-1/5/5	5
14	Portable DC Moving Coil Ammeter 0-5A, Accuracy-1 1. GCE/EEE/2014-2015/NC-1/P-15/S-2/1/5 2. GCE/EEE/2014-2015/NC-1/P-15/S-2/2/5 3. GCE/EEE/2014-2015/NC-1/P-15/S-2/3/5	5

	4. GCE/EEE/2014-2015/NC-1/P-15/S-2/4/5 5. GCE/EEE/2014-2015/NC-1/P-15/S-2/5/5	
15	Portable DC Moving Coil Ammeter 0-10A, Accuracy-1 1. GCE/EEE/2014-2015/NC-1/P-15/S-3/1/5 2. GCE/EEE/2014-2015/NC-1/P-15/S-3/2/5 3. GCE/EEE/2014-2015/NC-1/P-15/S-3/3/5 4. GCE/EEE/2014-2015/NC-1/P-15/S-3/4/5 5. GCE/EEE/2014-2015/NC-1/P-15/S-3/5/5	5
16	Portable DC Moving Coil Ammeter 0-20A, Accuracy-1 GCE/EEE/2014-2015/NC-1/P-15/S-4/1/10 To GCE/EEE/2014-2015/NC-1/P-15/S-4/10 /10 (10 Numbers)	10
17	Portable DC Moving Coil Ammeter 0-30A, Accuracy-1 1. GCE/EEE/2014-2015/NC-1/P-15/S-5/1/5 2. GCE/EEE/2014-2015/NC-1/P-15/S-5/2/5 3. GCE/EEE/2014-2015/NC-1/P-15/S-5/3/5 4. GCE/EEE/2014-2015/NC-1/P-15/S-5/4/5 5. GCE/EEE/2014-2015/NC-1/P-15/S-5/5/5	5
18	Portable Wattmeter LPF Single Phase,150/300/600 V, 2.5/5A TPDC GCE/EEE/2014-2015/NC-1/P-15/S-6/1/8 to GCE/EEE/2014-2015/NC-1/P-15/S-6/8/8 (8 Number)	8
19	Portable Wattmeter LPF Single Phase,150/300/600 V, 5/10A TPDC GCE/EEE/2014-2015/NC-1/P-15/S-7/1/8 to GCE/EEE/2014-2015/NC-1/P-15/S-7/8/8 (8 Number)	8
20	Portable AC Moving Iron Voltmeter Single phase, 0-15/30V Accuracy GCE/EEE/2014-2015/NC-1/P-16/S-1/1/6 to GCE/EEE/2014-2015/NC-1/P-16/S-1/6/6 (6 Number)	6
21	Portable AC Moving Iron Voltmeter Single phase, 0-30/60V Accuracy GCE/EEE/2014-2015/NC-1/P-16/S-2/1/6 to GCE/EEE/2014-2015/NC-1/P-16/S-2/6/6	6
22	Portable AC Moving Iron Voltmeter Single phase, 0-150/300V Accuracy GCE/EEE/2014-2015/NC-1/P-16/S-3/1/6 to GCE/EEE/2014-2015/NC-1/P-16/S-3/6/6	6
23	Portable AC Moving Iron Voltmeter Single phase, 0-300V Accuracy GCE/EEE/2014-2015/NC-1/P-16/S-4/1/8 to GCE/EEE/2014-2015/NC-1/P-16/S-4/8/8	8

24	Portable AC Moving Iron Voltmeter Single phase, 0-150/300/600V Accuracy GCE/EEE/2014-2015/NC-1/P-16/S-10/1/10 to GCE/EEE/2014-2015/NC-1/P-16/S-10/10/10	10
25	Portable AC Moving Iron Voltmeter Single phase, 0-600V Accuracy GCE/EEE/2014-2015/NC-1/P-16/S-6/1/6 to GCE/EEE/2014-2015/NC-1/P-16/S-6/6/6	6
26	Portable AC Moving Iron Ammeter Single phase, 0-1/2A Accuracy GCE/EEE/2014-2015/NC-1/P-16/S-7/1/6 to GCE/EEE/2014-2015/NC-1/P-16/S-7/6/6	6
27	Portable AC Moving Iron Ammeter Single phase, 0-5A Accuracy GCE/EEE/2014-2015/NC-1/P-16/S-8/1/6 to GCE/EEE/2014-2015/NC-1/P-16/S-8/6/6	6
28	Portable AC Moving Iron Ammeter Single phase, 0-10A Accuracy GCE/EEE/2014-2015/NC-1/P-16/S-9/1/10 to GCE/EEE/2014-2015/NC-1/P-16/S-9/10/10	10
29	Portable AC Moving Iron Ammeter Single phase, 0-20A Accuracy GCE/EEE/2014-2015/NC-1/P-16/S-10/1/10 to GCE/EEE/2014-2015/NC-1/P-16/S-10/10/10	10
30	Portable AC Moving Iron Ammeter Single phase, 0-15/30A Accuracy GCE/EEE/2014-2015/NC-1/P-16/S-11/1/6 to GCE/EEE/2014-2015/NC-1/P-16/S-11/6/6	6
31	Portable DC moving coil Voltmeter 0-15 V,Accuracy-1 GCE/EEE/2014-2015/NC-1/P-17/S-1/1/6 to GCE/EEE/2014-2015/NC-1/P-17/S-1/6/6	6
32	Portable DC moving coil Voltmeter 0-30 V,Accuracy-1 GCE/EEE/2014-2015/NC-1/P-17/S-2/1/6 to GCE/EEE/2014-2015/NC-1/P-17/S-2/6/6	6
33	Portable DC moving coil Voltmeter 0-60 V,Accuracy-1 GCE/EEE/2014-2015/NC-1/P-17/S-3/1/6 to GCE/EEE/2014-2015/NC-1/P-17/S-3/6/6	6
34	Portable DC moving coil Voltmeter 0-150/300 V,Accuracy-1 GCE/EEE/2014-2015/NC-1/P-17/S-4/1/10 to GCE/EEE/2014-2015/NC-1/P-17/S-4/10/10	10
35	Portable DC moving coil Voltmeter 0-300 V,Accuracy-1 GCE/EEE/2014-2015/NC-1/P-17/S-5/1/10 to GCE/EEE/2014-2015/NC-1/P-17/S- 5/10/10	10
36	Portable Wattmeter UPF Single phase.300/600V,5/10A DPDC	10

	GCE/EEE/2014-2015/NC-1/P-17/S-6/1/10 to GCE/EEE/2014-2015/NC-1/P-17/S-6/10/10	
37	Portable Wattmeter UPF Single phase.150/300/600V,10/20A TPDC GCE/EEE/2014-2015/NC-1/P-17/S-7/1/10 to GCE/EEE/2014-2015/NC-1/P-17/S-7/10/10	10
38	Portable Wattmeter UPF Single phase.75V/150/300V,2.5/5A TPDC GCE/EEE/2014-2015/NC-1/P-17/S-8/1/6 to GCE/EEE/2014-2015/NC-1/P-17/S-8/6/6	6
39	Rheostats 50 ohm/5A (Tubular) GCE/EEE/2014-2015/NC-1/P-21/S-1/1/15 to GCE/EEE/2014-2015/NC-1/P-21/S-1/1/15	15
40	Rheostats 300 ohm/1.7A (Tubular) GCE/EEE/2014-2015/NC-1/P-21/S-2/1/15 to GCE/EEE/2014-2015/NC-1/P-21/S-2/1/15	15
41	Rheostats 500 ohm/1.2A (Tubular) GCE/EEE/2014-2015/NC-1/P-21/S-3/1/10 to GCE/EEE/2014-2015/NC-1/P-21/S-3/1/10	10
42	Wattmeter 75/150/300V,5/10A UPF 1.GCE/EEE/2015-2016/NC-1/P-25/S-7/1/2 2. GCE/EEE/2015-2016/NC-1/P-25/S-7/2/2	2
43	Voltmeter (0-300/600V)AC GCE/EEE/2015-2016/NC-1/P-25/S-8/1/1	1
44	Isolation Transformer 1KVA 1.GCE/EEE/2015-2016/NC-1/P-32/S-1/1/5 2. GCE/EEE/2015-2016/NC-1/P-32/S-1/2/5 3. GCE/EEE/2015-2016/NC-1/P-32/S-1/3/5 4. GCE/EEE/2015-2016/NC-1/P-32/S-1/4/5 5. GCE/EEE/2015-2016/NC-1/P-32/S-1/5/5	5
45	Single Phase Auto Transformer (240 V/0-270V,10A) 1.GCE/EEE/2015-2016/NC-1/P-32/S-2/1/3 2. GCE/EEE/2015-2016/NC-1/P-32/S-2/2/3 3. GCE/EEE/2015-2016/NC-1/P-32/S-2/3/3	3
46	Synchronous Induction Motor GCE/EEE/2015-2016/NC-1/P-33/S-1/1/1	1
47	DC shunt Motor Coupled with 3phase Alternator GCE/EEE/2015-2016/NC-1/P-34/S-1/1/1	1
48	Single Phase Autotransformer 10A 1.GCE/EEE/2015-2016/NC-1/P-35/S-1/1/4 2. GCE/EEE/2015-2016/NC-1/P-35/S-1/2/4 3. GCE/EEE/2015-2016/NC-1/P-35/S-1/3/4	4

	4. GCE/EEE/2015-2016/NC-1/P-35/S-1/4/4	
19	Three Phase Auto Transformer 15A 1.GCE/EEE/2015-2016/NC-1/P-35/S-2/1/3 2. GCE/EEE/2015-2016/NC-1/P-35/S-2/2/3 3. GCE/EEE/2015-2016/NC-1/P-35/S-2/3/3	3
50	SPST Knife Switch 1.GCE/EEE/2015-2016/NC-1/P-35/S-3/1/4 2. GCE/EEE/2015-2016/NC-1/P-35/S-3/2/4 3. GCE/EEE/2015-2016/NC-1/P-35/S-3/3/4 4. GCE/EEE/2015-2016/NC-1/P-35/S-3/4/4	4
51	TPST Knife Switch 1.GCE/EEE/2015-2016/NC-1/P-35/S-4/1/2 2.GCE/EEE/2015-2016/NC-1/P-35/S-4/2/2	2
52	Single Phase resistive Load bank 5KW 1.GCE/EEE/2015-2016/NC-1/P-36/S-1/1/4 2. GCE/EEE/2015-2016/NC-1/P-36/S-1/2/4 3. GCE/EEE/2015-2016/NC-1/P-36/S-1/3/4 4. GCE/EEE/2015-2016/NC-1/P-36/S-1/4/4	4
53	Three Phase Resistive Loading Bank 7.5KW 1.GCE/EEE/2015-2016/NC-1/P-36/S-2/1/4 2. GCE/EEE/2015-2016/NC-1/P-36/S-2/2/4 3. GCE/EEE/2015-2016/NC-1/P-36/S-2/3/4 4. GCE/EEE/2015-2016/NC-1/P-36/S-2/4/4	4
54	BLDC motor with controller 40Watt,24VDC, 3000 RPM GCE/EEE/2015-2016/NC-1/P-37/S-1/1/1	1
55	Tachometer-Digital 1.GCE/EEE/2015-2016/NC-1/P-37/S-2/1/4 2. GCE/EEE/2015-2016/NC-1/P-37/S-2/2/4 3. GCE/EEE/2015-2016/NC-1/P-37/S-2/3/4 4. GCE/EEE/2015-2016/NC-1/P-37/S-2/4/4	4
56	Tachometer-Analog 1.GCE/EEE/2015-2016/NC-1/P-37/S-3/1/2 2.GCE/EEE/2015-2016/NC-1/P-37/S-3/2/2	2
57	Capacitor Load 3Phase, 10Amps GCE/EEE/2015-2016/NC-1/P-37/S-4/1/1	1
58	DC Shunt Motor Coupled with Three Phase Alternator set GCE/EEE/2015-2016/NC-1/P-43/S-1/1/1	1
59	3 Phase Induction motor (squirrel Cage) with Loading Set GCE/EEE/2015-2016/NC-1/P-45/S-1/1/1	1
60	3 Phase Induction motor (Wound Cage) with Loading Set GCE/EEE/2015-2016/NC-1/P-45/S-1/1/1	1
61	DC Shunt Motor with Compound Generator Set GCE/EEE/2015-2016/NC-1/P-46/S-1/1/1	1
62	Single Phase Induction motor with Loading Set 1.GCE/EEE/2015-2016/NC-1/P-47/S-1/1/2 2. GCE/EEE/2015-2016/NC-1/P-47/S-1/2/2	2

63	DC Shunt Motor with Loading Set GCE/EEE/2015-2016/NC-1/P-48/S-1/1/1	1
64	JainsonSamrat 16-Wire Crimping Tool GCE/EEE/2015-2016/NC-1/P-50/S-1	1
65	Clamp meter 999A AC Fluke Model: 305 GCE/EEE/2015-2016/NC-1/P-51/S-2	1
66	Fluke Make 5 KV Digital Insulation Tester with Standard accessories Model: Fluke 1550C GCE/EEE/2015-2016/NC-1/P-53/S-1	1
67	Phase Sequence indicator 1.GCE/EEE/2020-2021/NC-1/P-62/S-2/1/2 2. GCE/EEE/2020-2021/NC-1/P-62/S-2/1/2	2
68	Portable Single Phase wattmeter with reversible switch UPF 1.GCE/EEE/2020-2021/NC-1/P-62/S-3/1/2 2. GCE/EEE/2020-2021/NC-1/P-62/S-3/1/2	2
69	Portable Single Phase wattmeter with reversible switch LPF 1.GCE/EEE/2020-2021/NC-1/P-62/S-3/1/2 2. GCE/EEE/2020-2021/NC-1/P-62/S-3/1/2	2
70	Digital Multi meter with True RMS and indicate distorted wave form GCE/EEE/2020-2021/NC-1/P-78/S-1/1/10 to GCE/EEE/2020-2021/NC-1/P-78/S-1/10/10	10
71	AC/DC Clamp meter GCE/EEE/2020-2021/NC-1/P-78/S-2/1/5 to GCE/EEE/2020-2021/NC-1/P-78/S-2/5/5	5
72	High sensitivity miniature AC/DC clamp meter GCE/EEE/2020-2021/NC-1/P-78/S-3/1/1	1
73	1 KV digital insulation tester GCE/EEE/2020-2021/NC-1/P-78/S-4/1/1	1
74	Phase indicator GCE/EEE/2020-2021/NC-1/P-79/S-9/1/1	1
75	Control Panel for AC/DC Machines	10
76	DC Shunt Motor Coupled With Alternator With Powder Coated MS Base Plate along with Experiment Setup GCE/EEE/2020-2021/NC-1/P-91/S-1/1/1	1
77	THREE PHASE TRANSFORMER GCE/EEE/2020-2021/NC-1/P-91/S-2/1/1	1
78	THREE PHASE INDUCTIVE LOAD GCE/EEE/2020-2021/NC-1/P-91/S-3/1/1	1
79	DPDT SWITCH 1.GCE/EEE/2020-2021/NC-1/P-91/S-4/1/2 2. GCE/EEE/2020-2021/NC-1/P-91/S-4/2/2	2
80	5HP Fully Automatic Star Delta Starter 1.GCE/EEE/2020-2021/NC-1/P-91/S-5/1/2 2. GCE/EEE/2020-2021/NC-1/P-91/S-5/2/2	2

81	Hydraulic Scissors Truck GCE/EEE/2014-2015/NC-1/P-24/S-24/1/1	1
82	DC rectifier and distribution panel GCE-DPI /EEE/2021-2022/NC-1/P-111/S-1/1/1	1
83	Electrodynamo meter type wattmeter(Three Phase, Double Element UPF) GCE-DPI /EEE/2021-2022/NC-1/P-112/S-1/1/1	
84	35 KVA isolation Transformer and its wiring for machines lab GCE-DPI /EEE/2021-2022/NC-1/P-113/S-1/1/1	1
85	3 Phase Isolation Transformer-5 KVA GCE-DPI/EEE/2022/NC-1/P-113/S-02/1/1	1
86	Electrodynamo meter type Power factor meter(Three Phase, Three wire) GCE-DPI/EEE/2022/NC-1/P-113/S-03/1/1	1
87	Electrodynamometer type power factor meter (Single phase) GCE-DPI/EEE/2022/NC-1/P-113/S-04/1/1	1
88	Manual Transformer winding machine GCE-DPI/EEE/2022/NC-1/P-114/S-01/1/1	1
89	Ceiling fan winding machine GCE-DPI/EEE/2022/NC-1/P-115/S-01/1/1	1
90	Manual winding machine GCE-DPI/EEE/2022/NC-1/P-115/S-2/1/1	1
91	Cut section of DC shunt motor GCE-DPI/EEE/2022/NC-1/P-116/S-01/1/1	1
92	4 Stroke grass cutter GCE-DPI/EEE/2022/NC-1/P-116/S-02/1/1	1
93	Cut section of Three Phase Slip Ring AC motor GCE-DPI/EEE/2022/NC-1/P-117/S-01/1/1	1
94	Cut Section of Three phase Squirrel Cage AC motor GCE-DPI/EEE/2022/NC-1/P-118/S-01/1/1	1
95	Control Panel for EEE Labs	11
96	Transformer Oil BDV Test Kit	1
97	Electric Vehicle Test Setup	1