

GOVERNMENT OF KARNATAKA
DEPARTMENT OF INDUSTRIAL TRAINING & EMPLOYMENT
IMC OF GOVT. ITI (WOMEN) MANGALORE

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 Ref. No. GITIW/IMC/STRIVE/PUR/Enq-4/2023-24 Dated: 19-05-2023

Sl.No	Category	DGET SYLLABUS SL.NO	Name of Items	Specification	Total requirement
1	2	3	4	5	9
1	Tools	2	Combination Plier insulated	200mm	21 Nos.
2	Tools	3	Screw driver insulated	4mm X 150mm Diamond head	21 Nos.
3	Tools	9	Knife double bladed electrician	100mm	21 Nos.
4	Tools	10	Neon Tester	500 Volts	21 Nos.
5	Tools	26	Scissors Blade SS	200mm	4 Nos.
6	Tools	28	Crimping Tool	1.5 sq.mm to 16 sq.mm	2 Nos.
7	Tools	28	Crimping Tool	16 sq.mm to 95 sq.mm	2 Nos.
8	Tools	30	Mallet Hard wood	0.50 KG	4 Nos.
9	Tools	37	Pliers Long Nose insulated	150mm	4 Nos.
10	Equipment	60	Contactor and Axillary contacts	3 phase, 415 V, 25A with 2NO and 2NC	2 Nos.
11	Equipment	61	Contactor and Axillary contacts	3 phase, 415 V, 32A with 2NO and 2NC	2 Nos.
12	Equipment	62	Limit Switch liver operated	2A, 500V, 2 contacts	2 Nos.
13	Equipment	63	Rotary Switch	16A / 440V	2 Nos.
14	Equipment	64	Cut out Relay	16A / 440V	2 Nos.
15	Equipment	64	Reverse current Relay	16A / 440V	2 Nos.
16	Equipment	64	Over current Relay	16A / 440V	2 Nos.
17	Equipment	64	Under Voltage Relay	360 V -440 V	2 Nos.
18	Instrument	66	Hydrometer	--	2 Nos.
19	Equipment	156	Motorised Bench Grinder with stand	3 H.P, 3 phase, 440 V with DOL starter, double side with smooth and rough wheel tool base.	1 No.
20	Equipment	69	Load Bank Lamp type with switch and different watt lamps	6KW, 3 phase	1 No.
21	Equipment	73	Thermometer Digital	0°C to 150° C	1 No.
22	Equipment	75	Knife Switch DPDT fitted with fuse terminals	16A / 230 V	4 Nos.
23	Equipment	76	Knife Switch TPDT fitted with fuse terminals	16A / 440V	4 Nos.
24	Equipment	77	Miniature circuit Breaker	16A	2 Nos.
25	Equipment	80	MCCB	100A, 3P	1 No.
26	Material	90	Rubber Mat	2 X 4 X 1	2 Nos.
27	Material	91	Electrician Helmet	yellow colour	2 Nos.
28	Material	95	Digital multimeter	DC 200 MV, 1000V, 0-10A, AC	3 Nos.
29	Instrument	95	Digital multimeter	DC 200 MV, 750V, 0-10A, Resistance 0-20MΩ and 3 1/2 digit.	3 Nos.
30	Instrument	96	AC Voltmeter MI, Analog Portable type housed in Bakelite case	Multi Range 75 V- 150 V-300V- 600V	3 Nos.
31	Instrument	97	Milli Voltmeter, centre zero, analog portable	100 - 0 - 100 MV	1 No.
32	Instrument	98	Ammeter MC Analog portable type	MC 0-5A	1 No.
33	Instrument	98	Ammeter MC Analog portable type	MC 0-25A	1 No.
34	Instrument	98	Ammeter MC Analog portable type	MC 0-500mA	2 Nos.
35	Instrument	99	Ammeter MI Analog portable type	0-1A	2 Nos.

36	Instrument	99	Ammeter MI Analog portable type	0-25A	1 No.
37	Instrument	99	Ammeter MI Analog portable type	0-5A	1 No.
38	Instrument	100	Kilo wattmeter Analog	0-1-5-3KW pressure coil rating, 240V / 440V, current rating 5A/10A analog	1 No.
39	Instrument	101	Digital wattmeter	230V, 1KW, 50HZ	2 Nos.
40	Instrument	102	AC Energy Meter	Single phase, 10A, 240V, Induction type	1 No.
41	Instrument	103	AC Energy Meter	Three Phase 15A, 440V, Induction Type	1 No.
42	Instrument	104	Power factor meter digital	440V, 20A, Three phase portable box type	2 Nos.
43	Instrument	105	Frequency Meter	45 to 55 HZ	1 No.
44	Instrument	108	Tachometer Analog Type	10000 R.P.M	1 No.
45	Instrument	110	Tong Tester / Clamp meter	0-100A, Digital type	1 No.
46	Instrument	111	Megger Analog	0-500V	2 Nos.
47	Instrument	114	Wheatstone Bridge with Galvanometer and Battery		1 No.
48	Equipment	115	Single Phase variable Auto Transformer	0-270V, 10A (air cooled)	1 No.
49	Instrument	116	Phase Sequence Indicator	3 phase, 415V	2 Nos.
50	Instrument	119	Oscilloscope dual trace	20MHZ	1 No.
51	Instrument	122	Temperature control soldering Iron	50W, 230V	2 Nos.
52	Instrument	123	Discrete component trainer	with regulated power supply +5, 0-5V, +12, 0-12V	1 No.
53	Appliance	126	Electric Induction Plate	1500W, 240V	1 No.
54	Equipment	132	Current Transformer	415V, 50HZ, CT ratio 25/5A, 5VA	1 No.
55	Equipment	133	Potential Transformer	415V, 50HZ, PT ratio 440V/110V, 10VA	1 No.
56	Equipment	150	Single Phase Transformer core type air cooled	1 KVA, 240V/415V, 50HZ	2 Nos.
57	Equipment	151	Three Phase Transformer Shell type oil cooled with delta/star	3 KVA, 415V/240V, 50HZ	1 No.
58	Equipment	81	ELCB	25A double plate	1 No.
59	Equipment	81	RCCB	25A double plate	1 No.
60	Equipment	82	Fuses HRC type		4 Nos.
61	Equipment	82	Fuses rewirable Type		4 Nos.
62	Instrument	83	Rheostat sliding type	0-25ohm, 2A	1 No.
63	Instrument	83	Rheostat sliding type	0-480ohm, 2A	1 No.
64	Instrument	83	Rheostat sliding type	0-1ohm, 10A	1 No.
65	Instrument	83	Rheostat sliding type	0-10ohm, 5A	1 No.
66	Equipment	68	portable electric drilling machine	0-12 mm capacity 750w, 240v with chuck and key	1 No.
67	Equipment	68	Manual motor coil winding machine	with step arbor	1 No.
68	Equipment	68	Ceiling fan coil winding machine	250v 50Hz, single phase with speed control	1 No.
69	Equipment	68	Primary current injection set	220v, 50Hz, single phase, output current-200A(min) with timer	1 No.
70	Equipment	68	Single phase smart energy meter	250v	1 No.
71	Equipment	68	Three phase smart energy meter	250 v	1 No.
72	Equipment	68	EV charger	Three phase	1 No.
73	Equipment	68	EV charger (home)	single phase	1 No.
74	Equipment	68	A table fan	68w, 230v	1 No.
75	Equipment	68	HP mercury vapour lamp with fittings	250v, 250w	1 No.
76	Equipment	68	High pressure sodium lamp with fittings	250v, 250w	1 No.
77	Equipment	68	low pressure sodium lamp with fittings	250v, 250w	1 No.
78	Equipment	68	Desoldering gun	Heat proof nozzel, PVC type, 250mm 40w 220V	4 Nos.

79	Tools	68	Wire stripper	150mm	4 Nos.
80	Instrument	68	Wire guage imperial stainless steel marked in SWG and mm	Wire Guage- Metric	4 Nos.
81	Tools	68	File flat	200mm 2nd cut with handle	4 Nos.
82	Tools	68	File half round	200mm 2nd cut with handle	4 Nos.
83	Tools	68	File round	200mm 2nd cut with handle	4 Nos.
84	Tools	68	File flat bastard	250mm with handle	4 Nos.
85	Equipment	134	Solar panel with battery	18w	1 No.


Secretary
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