

Gharelu Vidyut Upkaran Seva Udyami

Course Code NARQ40016-PROCESS: Session Plan

Day	Session	Subject
01	I	Registration & Inauguration
	II	About the Institute, rules & regulations of training/institute
	III & IV	Micro lab – Ice breaking exercise
02	I	Achievement Motivation – Confidence building
	II	Why self employment – Advantages over wage employment, Entrepreneurship Development – What, Why & How?– Introduction
	III & IV	Entrepreneurial competencies – Importance, explanation with examples, case study for identification of different competencies
03	I	Problem solving – Explanation through case studies and exercises, Creativity – Creative thinking
	II	Time management
	III & IV	Risk taking and goal setting - Ring Toss exercise
04	I	Fundamentals of electricity – Safety measure and precautions, first aid
	II	Electricity, conductor, insulator and resistance
	III	Types of power stations
	IV	Tools and equipment for appliances repair and wiring system
05	I	Definition and testing procedure of Voltage, current, power, MCB and bus bars -theory
	II	Volt meter and ammeter, wiring connections – Practical
	III	Types of switches, socket, fuse rating and extension boxes
	IV	Uses of Multi meter - Practical
06	I	House wiring –Types of PVC copper wires, aluminum service wires
	II	Introduction to different types of switches and sockets
	III	The methodology of house wiring – Precautions

	IV	Types of Domestic wiring & introduction to casing, capping & concealed wiring
07	I	Series and parallel connections – Theory and practical
	II	Meter board block diagram – Description
	III & IV	Single room wiring - Location of lamp control, switches and socket point - Theory & practical
08	I	2 way switches wiring system
	II	Stair case wiring and Godown wiring – Theory
	III	Tower Building – Eradicating dependency syndrome
	IV	Stair case and godown wiring – Practical
09	I	CFL Light - Theory
	II	CFL Light – Practical
	III & IV	LED Lamp – Theory & Practical
10	I	Circuit diagram of house wiring with AEH – Theory
	II	Over head service wiring from lighting main board – Theory
	III & IV	Practical for the above theory
11	I	Magnets, types of magnets – Working principles and characteristics of electro magnet
	II	Poles and RPM system in electrical motors
	III	Working principle of single phase motors
	IV	Effective Communication
12	I & II	Single phase capacitor run motor – Theory
	III & IV	Wiring session - Practical
13	I & II	Ceiling fan – Winding, servicing and maintenance
	III & IV	Ceiling fan – Winding, servicing and maintenance – Practical
14	I to III	Table fan – Theory winding, servicing and maintaining Table fan – Practical
	IV	Market Survey – Theory

15	I to III	Market Survey – Collection of information and field visits
	IV	Market survey – Report writing, presentation, group discussion and analysis
16	I	Repairs & servicing of immersion coil & electrical stoves -Theory
	II	Induction heater repairs and maintenance
	III & IV	Electric stoves - Practical
	Post evening	Mid - term evaluation
17	I	Repairs and maintenance of room heater
	II	Repairs and servicing of voltage stabilizer
	III	Room heater – Practical
	IV	Voltage stabilizer – Practical
18	I & II	Repairs and servicing of electric instant geyser – Theory
	III	Geyser repairs & servicing, Setting of thermostat – Practical
	IV	Business Game – Boat Building Exercise
19	I & II	Single phase capacitor, START motors, working principle of start capacitor and centrifugal switch - Theory
	III	Working principles and characteristics of single phase electric motors – 2880 RPM, 1440 RPM, motor rewinding block diagram
	IV	24 and 32 slot motors rewinding circuit diagram.
20	I to IV	Single phase mono block motor - Practical
21	I & II	Universal motor theory
	III	Marketing – 4 Ps of Marketing, managing the customers
	IV	Hair drier, tiles, cutting, machines, hand drilling, machine repairs and maintenance
22	I to III	Mixer grinder assembling - Demonstration and practical
	IV	DTH Dish - Installation and service

23	I & II	Wet grinder – Theory & Practical
	III	Trouble shooting of universal motor
	IV	Trouble shooting of wet grinder
24	I	Repairing and servicing of Air Coolers
	II	Assembling of Air Cooler
	III	Armature winding with balancing
	IV	Tube choke making
25	I & II	Repairs and servicing of emergency lamps
	III & IV	Repairs and servicing of washing machines
26	I to IV	Sound system, lighting decorations
27	I	Effective communication Skills & Human Relations
	II to IV	Repairs and servicing of washing machines (continued)
28	I & II	Earthing system – Types of earthing
	III	Human relations
	IV	Interaction with successful entrepreneur
29	I	Costing, pricing, fixed cost, variable cost, breakeven point etc.
	II & III	Banking – Deposits & advances, lending schemes/Government schemes
	IV	Business plan/project report preparation
30	I	Maintenance of records & book keeping – Methodology
	II	Launching formalities – Steps in launching of an enterprise Pitfalls and their control
	III	Final Evaluation Test
	IV	Feedback and valedictory