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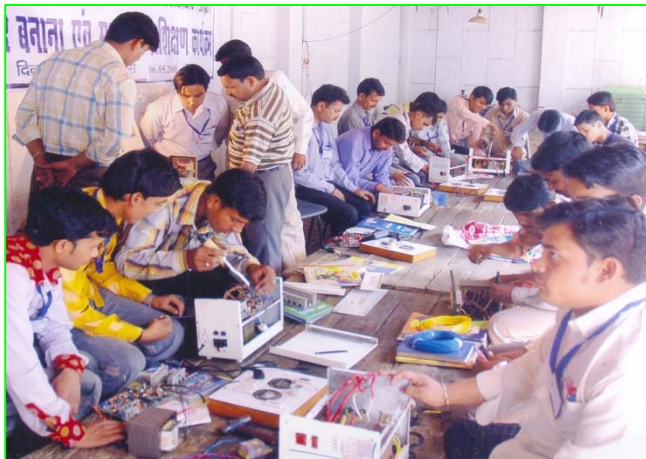
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MODULE - I

INTRODUCTION & BEHAVIORAL ASPECTS

CONTENTS AND METHODS:

Subject	Content	Methodology	No. of sessions
About the Institute	Objectives of the training programme, activities of the institute, usefulness of the programme, highlighting the success stories	Lecture, presentations, interaction, video	1
Micro lab	Ice breaking - Breaking the barriers, sharing of thoughts, improving interpersonal skills, heterogeneous to homogeneous group	Game, skit, role play, sharing experience & thoughts	2
Achievement motivation	Empowerment - Developing self confidence, motivation, removing inferiority and low self esteem, importance of positive attitude & human values	Lecture, story telling, interactions, audio & videos	1
Entrepreneurial Development	Dynamics of entrepreneurship - Description, importance and relevance	Lecture, story telling, interactions, audio & videos	1
Entrepreneurial Competencies	Description of 15 competencies & their importance - Narrations with examples	Lecture, interactions, case study	2
Self Rating Questionnaire (SRQ)	Self evaluation - Identification of competencies - Internalization of competencies	Self Rating Questionnaire	Post evening
Ring Toss exercise	Competencies - Risk taking & Goal setting	Administering the game and its analysis, interaction/discussions	2
Boat Building exercise	Competencies - Systematic planning and efficiency orientation, concern for quality	Administering the game and its analysis, interaction/discussions	2

Subject	Content	Methodology	No. of sessions
Tower Building exercise	Competencies - Developing self confidence, eradication of dependency syndrome	Administering the game and its analysis, interaction/discussions	1
Problem Solving	Diagnosis of problems, their types, use of creativity for finding alternative solutions	Lecture, games and exercises	1

MODULE - II

SKILL ACQUISITION/TECHNICAL INFORMATION

CONTENTS AND METHODS:

Subject	Content	Methodology	No. of sessions
Skill Training - Technical information and knowledge	Technical inputs depending on the type of training programme. The sequencing and the duration of this training will be as per the details furnished in the respective time table	Interactive lecture sessions, demonstrations, discussions, hands on experience, field visit, presentations, Audio and video interaction, Theory & Practical	As per the respective timetable

MODULE - III

ENTERPRISE LAUNCHING ASPECTS

CONTENTS AND METHODS:

Subject	Content	Methodology	No. of sessions
Market Survey	Methodology, need and importance, process of conducting marketing survey, key components, questionnaire, tips for effective market survey, collection of data, analysis of data and report preparation, defining the size of the activity	Lecture, interaction, field visits, collection of data, report preparation, group discussions, presentation & analysis	7

Subject	Content	Methodology	No. of sessions
Business Plan Preparation	Why & what of business plan?, format - process of preparation, understanding the concepts i.e. Fixed cost, Variable cost, break even point, assessment of working capital - Practical preparation	Lecture, exercise, group discussions, presentations, analysis, evaluation	2
Banking	Banking - Background & its services, deposits & advances, lending schemes, Government schemes, supporting facilities for entrepreneurs	Lecture & interaction with Branch Manager/s	2
Insurance	Need for insurance and its advantages, types, schemes, coverage, premium, exclusion clause, claim settlement	Lecture & interaction	1
Interaction with successful entrepreneur/ visit to successful unit	Experience sharing, first hand information for starting the enterprise, strategies for problem solving, logistics, clarification of doubts	Lecture, interaction & visits - practical field exposure	1
Launching Formalities	Viability of selected project, selection of place, source of funds, licensing & logistics, supply of electricity & water, fixing of furniture/equipment, labour, raw materials, suppliers & procurement, production/servicing, identifying the customer group, marketing, profit, evaluation	Lecture, exercise, group discussions, presentations, lecture, exercise, group discussions, presentations	1
Pitfalls in Launching	Improper selection of project & place, inadequacy of knowledge/ skill/ information, supporting factors, situational factors, change of technology, inadequate infrastructure, changing market trend, Government policies, improper finance, misutilisation of funds	Lecture, exercise, group discussions, presentations, lecture, exercise, group discussions, presentations	1

MODULE - IV

MANAGERIAL ASPECTS

CONTENTS AND METHODS:

Subject	Content	Methodology	No. of sessions
Marketing Management	Marketing aspects - Marketing strategy, 4Ps of marketing, marketing of services, importance of USP in marketing of service oriented activities	Lecture, discussions, interaction	1
Costing & pricing	Fixed cost, variable cost, break even point, profit	Lecture, interaction & exercises	1
Book Keeping & accountancy	Accounts - Revenue, capital, cash accounts, sales & purchase - Methods in book keeping	Lecture, interaction & exercises	2
Time Management	Importance, efficient time management techniques, correlation between time & stress, delegation of work, commitment to work contract, etc	Lecture and exercises	1
Effective Communication skills	Need and importance of effective communication, types of communication, body language, listening skills, art of convincing and negotiation	Lecture, exercises, demonstration, role play.	1
Human Relations	Need, importance & tips for better human relations, human values, networking, Self interest vs. selfishness, honesty and integrity, positive thinking	Lecture and exercises,	1

1. *After entrepreneurial competencies, other behavioural inputs may be spread in between other inputs to reinforce the competencies.*
2. *In skill Development programmes, the General EDP inputs will be distributed in a specific sequence as denoted in the respective modules.*

ELECTRIC MOTOR REWINDING & PUMPSET MAINTENANCE

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 electrical equipments, electricity, current, voltage & power
	II	Safety precautions in electrical repairs
	III	Resistance, Conductor, Insulator & Semi-conductor
	IV	Tools and equipments for motor rewinding
05	I	Types of Power Generation
	II	Voltage testing procedures
	III	Transformer - Busbar - Circuit breakers
	IV	Voltmeter & Ammeter connections - Theory & Practical
06	I	Series and Parallel Connection - Theory & Practical
	II	Assembly switches (MCB, ELCB & TP)
	III & IV	IPs & MPs set Panel board wiring - Theory & Practical
07	I	Magnet - Types of Magnets, poles
	II	RPM in motors
	III	Tower building - Eradicating dependency syndrome
	IV	Types of poles and RPM (2,4,6,8)
08	I	Working Principles of Poles & Pole system in Electric Motor
	II	Dividing Coils in poles
	III	Preparation of Testing Board - Demo with Practical
	IV	Three phase Electric Induction Motor- Theory & Demo
09	I	Two poles motor winding connection diagram - Theory
	II	Four poles motor winding connection diagram - Theory
	III	Different types of slots in a three phase Motor
	IV	24,36,48,54,60,72 slots electric motor winding connections
10	I	Star & Delta Connections
	II	Introduction of circuit diagrams-Three phase motor rewinding-block diagram
	III	Types of winding in three phase induction motors
	IV	Chain winding - Types, single layer chain winding- Theory
11	I	Double layer Chain winding - Block Diagram - Theory
	II to IV	Single layer 2880 RPM, 24 slots chain winding-Demonstration & Practical
12	I & II	Double layer chain winding 2886 RPM/1440 RPM/960 RPM/710 RPM/600 RPM motors - Block Diagram
	III & IV	Correcting the wrong rewinding in electrical motors

Day	Session	Subject
13	I & II	Double layer winding - Demonstration & Practical
	III	Concentric winding - Theory
	IV	Single Layer concentric wiring 2880 RPM, 24 slot motor
14	I	Experience sharing - Interaction with successful entrepreneur
	II & III	Double layer winding - Practical
	IV	Market survey - Theory
15	I to IV	Market survey - Collection of information, field work
	Post evening	Mid term evaluation test
16	I & II	Market survey - Report writing, presentation, group discussion & analysis
	III	Concentric winding in different RPMs (2880,1440,710,960,600 RPMs)
	IV	Business game - Boat Building exercise
17	I & II	Concentric winding - Practical (contd.)
	III & IV	Induction Motor Pump Section - Troubleshooting & Repairs
18	I & II	Concentric winding - Practical
	III & IV	Submersible Motor - Description, types of windings in submersible motor, Demo & Practical
19	I & II	Submersible Motor - Demo & Practical (Contd.)
	III & IV	Induction Motor and Submersible Motor - Practical
20	I	Submersible pump maintenance - Demo & Practical
	II	Balancing of induction motor - Theory
	III & IV	Induction motor and submersible motor - Practical
21	I	Effective communication skills
	II & III	Switchgears & Starters - Theory & Practical
	IV	DOL Starter - Theory & Practical
22	I & II	Marketing management - 4Ps of marketing, managing the customers
	III & IV	Semi-automatic star delta starter - Theory & Practical
23	I & II	Fully automatic star delta starter - Theory & Practical
	III	Timer & Single phase Preventer working in auto starter
	IV	Induction Motor and Submersible Motor - Practical (contd.)
24	I	Single phase motor - Theory
	II & III	Types of single phase motors - Working principle & characteristics
	IV	Induction Motor and Submersible Motor - Practical (contd.)
25	I & II	Single phase capacitor run motor - Ceiling fan & table fan- Theory & Practical
	III & IV	Single phase capacitor start motor-Universal motor, mixer & grinder-Theory & Practical
26	I	Working principle of Centrifugal Switch
	II	Universal motor - Theory
	III & IV	Armature winding - Theory & practical
27	I	Gauge Combination
	II	Capacitors in KVAR
	III	Capacitors used in Single phase & three phase motors
	IV	Combinations of bearings of different companies
28	I & II	Trouble shooting & Fault finding
	III	Purchasing of training kit and tools - Theory
	IV	Final evaluation test

DOMESTIC ELECTRICAL APPLIANCES REPAIR (DEAR)

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	Hospital and lodge wiring - Theory
	II	Traffic signal light - Theory
	III & IV	Hospital, lodge and Traffic signal light - 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	House wiring - Practical (contd.)

Day	Session	Subject
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 & II	Table fan - Theory winding, servicing and maintaining
	III	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 test
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 management - 4Ps 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
	II to IV	Repairs and servicing of washing machines (continued)
28	I & II	Earthing system - Types of earthing

REFRIGERATION AND AIRCONDITIONING

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 & II	An introduction to Basic electrical Refrigeration
	III & IV	Introduction to refrigeration - Domestic, commercial and centralized
05	I & II	Refrigeration cycle - Domestic, commercial and centralized
	III	Refrigeration - Copper tubes and their usage
	IV	Refrigerants (Eco friendly gases, HFC, HC blends)
06	I & II	Refrigerants (Eco friendly gases, HFC, HC blends) (Contd.).
	III & IV	Parts of refrigerator and its functions
07	I	Tower building - Eradicating dependency syndrome
	II to IV	Tools used for refrigeration (Eco friendly kit) - Description
08	I	Brazing - Theory
	II to IV	Brazing copper tubes - Practical
09	I to IV	Tube flaring and tube swedging - Practical
10	I & II	Types and importance of Compressors
	III & IV	Compressor functions and demonstration of various parts
11	I	Effective communication skills
	II	Compressor assembling - Theory
	III & IV	Compressor assembling - Practical
12	I & II	Compressor assembling - Practical - (Contd.)
	III & IV	Gas charging - Theory and assembling of parts
13	I to IV	Gas charging - Practical
14	I & II	Introduction to air conditioning - Split and windows
	III & IV	Components of an air conditioner
15	I & II	Dismantling of air conditioner
	III	Experience sharing - Interaction with successful entrepreneur
	IV	Theoretical aspects on Automobile air conditioning
	Post evening	Mid term evaluation test
16	I & II	Theoretical aspects on Automobile air conditioning
	III	Dismantling of Window Air Conditioner
	IV	Market survey - Theory
17	I to IV	Market survey - Collection of information and field visits
18	I & II	Market survey - Report writing, presentation, group discussion & analysis

Day	Session	Subject
	III & IV	Assembling of Window Air Conditioner
19	I & II	Theoretical aspects on wiring of Split/Window Air conditioner
	III & IV	Practical aspects on wiring of Split/Window Air conditioner
20	I & II	Practical aspects on wiring of split/window Air conditioner (contd.)
	III	Split Air Conditioner - Description,
	IV	Business game - Boat building exercise
21	I & II	Common problems and solutions of split Air Conditioners
	III & IV	Split A/C - dismantling and assembling
22	I & II	Split A/C - dismantling and assembling (contd.)
	III & IV	Refrigerant control mechanism
23	I & II	Common problems of flow controls and remedies
	III & IV	Introduction and working of deep freezer with practical
24	I	Marketing management - 4Ps of marketing, managing the customers
	II & III	Global warming and Green House gas release
	IV	Practical on charging of gas for deep freezer
25	I & II	Practical on charging of gas for deep freezer (Contd.)
	III & IV	Air Conditioner Wiring - practical feedback
26	I & II	Visit to servicing units of successful entrepreneurs.
	III & IV	Visit to commercial & centralized Air Condition Plants
27	I	Alternative sources of energy to run Air Conditioner
	II to IV	Theoretical aspects of Commercial Air Conditioner
28	I to III	Working of commercial Air Conditioner - demonstration
	IV	Final evaluation test
29	I	Costing, pricing - Fixed Cost- Variable Cost, Break even point etc.
	II	Business plan/project report preparation
	III & IV	Banking-Deposits & advances, lending schemes/Government schemes
30	I	Human Relations
	II	Maintenance of records & book keeping - methodology
	III	Launching formalities - steps in launching of an enterprises Pitfalls and their control
	IV	Feedback & Valedictory

Space for updations/additions:

TRACTOR SERVICING, MAINTENANCE AND REPAIRS

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	Tractor servicing - Scope
	II	Safety precautions in handling machines & equipments in a workshop
	III & IV	Selection and identification of tools and equipments - Theory & demonstration
05	I to IV	Tractor types based on uses, functions and importance
06	I to IV	Tractor - Different parts, their functions and assembling
07	I & II	Working principles of engine - Four stroke - Theory and demonstration
	III & IV	Eradicating dependency syndrome - Tower building exercise
08	I & II	Study of different sub assemblies of tractor - Demonstration
	III & IV	Correct procedure for dismantling of engine - Theory and practical
09	I & II	Inspection of various parts of a tractor
	III & IV	Inspection of various parts of a tractor- contd.
10	I & II	Assessment of wear & tear - piston ring, connecting rod etc.
	III & IV	Study of cylinder head, re-conditioning, adjustments, repair and troubleshooting - Top overhauling
11	I to IV	Study of cylinder head, re-conditioning, adjustments, repair and troubleshooting - Top overhauling (continued)
12	I to IV	Study of reconditioning, adjustments, minimum permissible wear and tear in different parts of engine - Complete overhauling
13	I	Effective communication skills
	II to IV	Fuel supply, intake and exhaust system - Dismantling and study of all parts, repairing & trouble shooting
14	I	Experience sharing - Interaction with successful entrepreneur
	II & III	Lubricating system - Dismantling and study of all parts & trouble shooting
	IV	Market survey -Theory
15	I to IV	Market Survey - Collection of information and field visits
16	I & II	Market Survey - Report writing, presentation, group discussion & analysis
	III	Cooling system - Dismantling and study of all parts & trouble shooting
	IV	Systematic planning & efficiency orientation - Boat building exercise
17	I to IV	Assembling of engine as per specifications
	Post evening	Mid term evaluation test
18	I to IV	Transmission - Clutch system - Dismantling and study of all parts & trouble shooting

Day	Session	Subject
19	I to IV	Gear box and PTO - Dismantling and study of all parts & trouble shooting
20	I to IV	Dismantling and study of differential and final drive systems, adjustment of clearance & troubleshooting
21	I & II	Dismantling and study of brake and steering function - Theory
	III & IV	Adjustment and troubleshooting - Practical
22	I to III	Dismantling and study of auto electrical system
	IV	Service and maintenance of auto electrical equipments
23	I to IV	Study of hydraulic system with three point linkage
24	I	Marketing management - 4Ps of marketing, managing the customers
	II to IV	Periodical maintenance jobs of tractors
25	I & II	Fuel saving tips - Tractor and irrigation pumps
	III & IV	Visit to servicing units of successful entrepreneurs.
26	I to IV	Practical training in work shop in association with leading tractor dealers
27	I to IV	Practical training in work shop (continued)
28	I to IV	Practical training in work shop (continued)
	Post evening	Final evaluation test
29	I	Costing, pricing, fixed cost, variable cost, breakeven point etc.
	II	Business plan/project report preparation
	III & IV	Banking-Deposits & advances, lending schemes/Government schemes
30	I	Human Relations
	II	Maintenance of records & book keeping - Methodology
	III	Launching formalities - Steps in launching of an enterprise.Pitfalls and their control
	IV	Feedback & Valedictory

Space for updations/additions:

TWO WHEELER SERVICING

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	Identification of Tools and equipments - Knowhow, nomenclature
	II & III	Tools/Hand tools/equipments required for opening a new two wheeler workshop - Identification of spares & spare parts of all two wheelers, nomenclature
	IV	Origin and history of automobile, following safety measures and precaution, providing first aid in workshop for accident victims
05	I & II	Servicing of vehicles - High pressure washing/hand washing, care to be taken - Demonstration and practical
	III & IV	Lubrication of two wheelers - Demonstration and practical
06	I	Vulcanizing of tyres and tubes - Demonstration and practical
	II	Lubricants - Description of different grades
	III & IV	Welding, brazing and soldering
07	I	Method of polishing chromium and other parts of two wheelers
	II	Spark plug cleaning & gap adjustment, front and rear tyre pressure checking of different two wheelers
	III	Wheel dismantling and assembling of front and back wheels - Care to be taken - Demonstration and practical
	IV	Dismantling and assembling of front fork, care to be taken - Demonstration and practical
08	I & II	Dismantling and assembling of front fork - Care & precautions
	III & IV	Front fork, change race bearing kit, checking roller bearing balls, greasing, oiling of telescopic shock absorbers - Practical
09	I & II	Lighting systems - Range of bulbs of different voltage/wattage used in two wheelers
	III & IV	Electrical system of two wheelers - Demonstration and practical
10	I to III	Carburetors -Types and adjustments, dismantling, refitting - Demonstration and practical
	IV	Business game - Boat building exercise
11	I	Experience sharing - Interaction with successful entrepreneur
	II to IV	Chain sprocket kit - Working details, cleaning aspects, overhauling of disk and drum breaks - Theory and practical,
12	I	Effective communication skills
	II to IV	Braking system - Types, description, removing and refitting of brake liners, adjustment of clutch, brake etc. - Theory and practical

Day	Session	Subject
13	I to IV	Decarburizing of engine - Theory and practical
14	I to IV	Engine details - Bore, Piston, rings, connecting rod, crank shaft, Top Dead Centre and Bottom Dead Centre, etc. of two stroke and four stroke engines, Valve timing, cleaning of bore and re-bore procedure - Practical
	Post evening	Mid term evaluation test
15	I to III	Clutch - Types, details of usage, removing and refitting, care to be taken while dismantling & assembling
	IV	Market Survey - Theory
16	I to IV	Market Survey - Collection of information and field visits
17	I & II	Market survey - Report writing, presentation, group discussion & analysis
	III & IV	Gear box - Types, gear box oil - Description, theory
18	I	Tower building - Eradicating dependency syndrome
	II to IV	Removing and refitting of gear box & engine
19	I to IV	Ignition system, generating system - Various types and timing, checking of Ignition and generating system
20	I	Marketing management - 4Ps of marketing, managing the customers
	II to IV	Servicing - General servicing
21	I to IV	Dismantling and assembling of Hero Honda four stroke engine, care to be taken while overhauling the engine.
22	I to IV	Dismantling and refitting of Bajaj Scooter engine (two stroke), care to be taken while overhauling
23	I & II	Removing and refitting TVS Moped engine
	III & IV	Visit to a reputed two wheeler dealer workshop
24	I	Identification of engine parts (Bajaj Pulsar, Honda Activa, Kinetic Honda, etc.)
	II to IV	Overhauling of Motor Cycle without gear engines like Honda Activa, Sujuki Access, TVS Scooty, etc.
25	I to IV	Dismantling and assembling of complete body of any one Motor cycle without gear like Honda Activa, Sujuki Access, TVS Scooty, etc.
26	I to IV	Practice on wiring of two stroke and four stroke vehicles (select popular brand of the area)
27	I to IV	Overhauling the four stroke engine head (popular brand of the area)
28	I & II	Visit to servicing units of successful entrepreneurs.
	III & IV	Practice on Swing arm shock absorber and electrical system
	Post evening	Final evaluation test
29	I	Costing, pricing, fixed cost, variable cost, breakeven point etc.
	II	Business plan/project report preparation
	III & IV	Banking-Deposits & advances, lending schemes/Government schemes
30	I	Human Relations
	II	Maintenance of records & book keeping - Methodology
	III	Launching formalities - Steps in launching of an enterprise Pitfalls and their control
	IV	Feedback & Valedictory

INVERTER & UPS MANUFACTURING AND SERVICING

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 to III	Inverter - Basic introduction, use of basic electronics, tools & testing holder - Theory
	IV & Post Evening	Risk taking and goal setting - Ring Toss exercise
04	I	Difference between an Inverter and a Generator
	II to IV	All about relay, condenser, transformer 909, HT 2 lead, PCB components & PCB components
05	I	Tower building - Eradicating dependency syndrome
	II to IV	Knowledge of PCB components
06	I	Effective Communication Skills
	II to IV	PCB components assembling and use
07	I to IV	PCB components assembling and use - Contd.
08	I to IV	PCB assembling and wiring
09	I to IV	Use of component & PCB assembling/mounting Inverter fitting, transformer relay, HT2 rocker
10	I	Problem solving - Explanation through case studies and exercises, Creativity - Creative thinking
	II to IV	Inverter wiring theory, PBC components soldering
11	I	Experience sharing - Interaction with successful entrepreneur
	II & III	PCB component soldering
	IV	Market Survey - Theory
12	I to III	Market Survey - Collection of information and field visits
	IV	Market Survey - Report writing, presentation, group discussion & analysis
13	I to IV	PCB component soldering
14	I	Marketing Management - 4 Ps of marketing, managing the customers
	II to IV	Wiring, transformer, relay and soldering complete
	Post Evening	Business game - Boat Building exercise
15	I	Time Management
	II to IV	Inverter wiring testing and fault finding - Theory
16	I to IV	Inverter checking and repairing, Battery maintenance and field wiring
	Post evening	Human Relations - Importance, principles & methodology
17	I to IV	Inverter fault finding repairing - Practical

LIGHT MOTOR VEHICLE (LMV) DRIVING

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	Qualities of a good driver - Attitude, patience, responsibility, self-confidence, anticipation, concentration, courtesy, Etiquette & Mannerism
	II	Basic rules of driving - Introduction, defensive driving, Knowledge of vehicle controls, Maintenance & simple mechanism, Motor vehicle Act signs and symbols
	III & IV	Knowledge of vehicle controls - Major & Minor controls
	Post Evening	Risk taking and goal setting - Ring Toss exercise
04	I	Response of controls - Accelerator, brake, clutch & steering - Practical
	II	Pre-driving checks - Before stepping in to the driver's seat and subsequently - Practical
	III	Holding steering wheel - Push & pull method practice, on the move, gear changing, turning, sounding horn, operating dash board switches, signaling, emergencies - Practical
	IV	Gear changing - Double de-clutching, Gear up & Gear down procedures - Practical
05	I	Tower Building - Eradicating dependency syndrome
	II	Driving - First to Fourth gear, reverse gear & overdrive
	III & IV	Manoeuvring - Passing, merging, diverging, overtaking, crossing, turning, cornering, reversing & parking - Practical
06	I	Problem Solving - explanation through case studies and exercises, Creativity - Creative thinking
	II	Stopping - Normal stopping, emergency stopping, use of engine brake / exhaust brake, stopping & following distance- reaction distance, braking distance, two seconds time rule method
	III	IPDE principle - Identification, precaution, decision & execution
	IV	Defensive driving techniques - Judgment, anticipation & escape route
07	I & II	Emergency manoeuver - Practical
	III	Driving under special conditions - Wet weather, dawn, dusk, misty roads & dense traffic - Practical
	IV	Effective communication skills
08	I	Knowledge about roads - Functional classification, design speeds, surface types & characteristics
	II to IV	Driving procedures in different road conditions - Types of road junctions, driving procedures in bye pass, subways, over bridge & fly over - Practical
09	I	Time Management

Day	Session	Subject
	II	Types of road markings - White line (Continuous and broken), yellow line, lane marking, zebra crossing, stop line, parking markings & sense of road signals
	III	Automatic light signals
	IV	Driving Practices - Practical (Three Wheeler)
10	I	Road user characteristics - Pedestrians - types (drunkards, children, blind, aged people, deaf & dumb etc). Accidents - Types, causes, preventions, driver's duties and responsibilities on the occurrence of accidents - Theory
	II	First Aid - Introduction, structure and functions of the body, dressing and bandaging, wounds and hemorrhage, shock, respiration etc.
	III & IV	Driving practices - Practical (Three Wheeler)
11	I	Business game - Boat Building exercise
	II & III	Driving practices - Practical (Four Wheeler)
	IV	Market Survey - Theory
12	I & II	Important provisions in Motor vehicles Act, 1988 (59 of 1988), Central Motor Vehicles Rules, 1989, and the State Motor Vehicles Rules.
	III & IV	Driving practices - Practical (Four Wheeler)
13	I	Vehicle Maintenance - Engine tuning up, wheel alignment checking, brake adjustment, accelerator adjustment etc.
	II & III	Driving practices - Practical (Four Wheeler)
	IV	Final evaluation test
14	I	Vehicle maintenance - Effects of bad and negligent driving on vehicle condition, day to day maintenance, tyre & battery maintenance etc.
	II	Business plan/ project report preparation
	III & IV	Banking - Deposits & advances, lending schemes/Government schemes
15	I	Human Relations - Importance, principles & methodology
	II	Maintenance of records & book keeping - Methodology
	III	Launching formalities - Steps in launching of an enterprise, pitfalls and their control
	IV	Feedback & Valedictory

Space for updations/additions:

SERVICING OF TV/DVD AND OTHER DIGITAL ELECTRONICS

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 & II	Basic electronics - Introduction
	III	Precautions and safety measures in handling electronics equipments
	IV	Soldering, de-soldering, hot gun - Practical
05	I & II	AC, DC, Oscillators, Amplifiers
	III	Use of Multimeter (Digital and Analog)
	IV	Electronic spare Parts, Symbols & methodology, checking
06	I	Electronic spare Parts, Symbols & methodology, checking (contd.)
	II	AM, FM Transmission - Theory
	III	Signals & waves Block diagram
	IV	Amplifiers - Mono, Stereo, 5.1 Audio, USB kit - Theory & practical
07	I & II	Amplifiers - Mono, Stereo, 5.1 Audio, USB kit - Practical (contd.)
	III	Tower building - Eradicating dependency syndrome
	IV	Assembly of 2.1/5.1 Home theatre Audio systems with USB Kit / FM
08	I & II	Additions in current electronic equipments (Casio, USB) and substitution of equivalent parts
	III	Integrated circuit (IC)
	IV	DVD / VCD - Theory & practical
09	I	DVD / VCD - Theory & practical (contd.)
	II & III	Antenna/cable/DTH installation & its functioning
	IV	Block diagram of TV & its working principle
10	I	Effective communication skills
	II	B &W, colour Tube working principle
	III & IV	B &W, colour Tube checking method and remote control servicing
11	I & II	Types of Power supply (Regulated, SMPS, STR, MOSFET, IC)
	III & IV	Types of Power supply - working principle & fault finding.
12	I & II	Video IF section circuit diagram -Theory & Practical
	III & IV	Sound IF section circuit diagram -Theory & Practical
13	I	Experience sharing - Interaction with successful entrepreneur
	II to IV	Chroma section circuit diagram -Theory & Practical
14	I & II	RGB output circuit diagram -Theory & Practical
	III	Sync separator circuit diagram - Theory & Practical
	IV	Market survey - Theory

Day	Session	Subject
15	I to IV	Market Survey - Collection of information and field visits
16	I & II	Market Survey - Report writing, presentation, group discussion & analysis
	III	Vertical output section circuit diagram -Theory & practical
	IV	Business game - Boat Building exercise
17	I & II	Horizontal Driver, Output and EHT section circuit diagram-theory & practical
	III & IV	Yoke related problems
	Post evening	Mid term evaluation test
18	I & II	Fault analysis of all sections (flow chart)
	III & IV	Voltage measurement & fault finding in all sections of TV
19	I	Marketing management - 4Ps of marketing, managing the customers
	II to IV	Voltage measurement & fault finding in all sections of TV (Contd)
20	I & II	Practical use of hot gun for replacement of SMD IC's
	III & IV	Fault analysis of advanced TV kit
21	I & II	SMD IC used TV kit - Theory & practical
	III & IV	Detection & servicing - Faults of latest brands of TV
22	I & II	Introduction to LCD & HD TV
	III & IV	Trouble shooting of latest brands of TV
23	I to IV	Service mode details of all brands of TV
24	I to IV	Voltage measurement & fault finding in all sections of TV
25	I to IV	Study of different types of TV circuit diagrams on OHP/projector
26	I	Emergency lights (CFL/LED)
	II to IV	UPS, Inverters - Theory & practical
27	I & II	Interaction with branded company service engineers (2 to 3 different brands)
	III & IV	Internet update for TV servicing information
28	I & II	Market information of spare parts & circuit diagram
	III & IV	Visit to servicing units of successful entrepreneurs.
	Post evening	Final evaluation test
29	I	Costing, pricing - Fixed Cost, variable cost, breakeven point etc
	II	Business plan/project report preparation
	III & IV	Banking- Deposits & advances, lending schemes/Government schemes
30	I	Human Relations
	II	Maintenance of records & book keeping - Methodology
	III	Launching formalities - Steps in launching of an enterprise Pitfalls and their control
	IV	Feedback & Valedictory

Space for updations/additions:

MULTI PHONE SERVICING

(Coin Phone, Cell Phone, Cord less Phone & EPABX)

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	Introduction to basic electronics
	II	Theoretical aspects of power, voltage and frequency - Demonstration
	III	Usage of digital multimeter
	IV	Resistors
05	I	Capacitors and coils
	II	Diodes and transistors
	III	Varistor, Crystal, ICs and SMD's
	IV	Identification of components of different phones
06	I	Checking of components and circuit board
	II & III	Soldering and de-soldering - Theory & Practical
	IV	Introduction to Coin phones
07	I	Tower building - Eradicating dependency syndrome
	II	Software programming - Coin phone
	III & IV	Coin phone wiring connection - Practical
08	I	Assembling and disassembling of validator
	II to IV	Speech, ringer, dialing and display related complaints - Practical
09	I	Introduction to cordless phones and EPABX
	II	Trouble shooting in cordless phones and EPABX -Theory
	III & IV	Trouble shooting in cordless phones and EPABX - Practical
10	I	Effective communication skills
	II	Introduction to GSM and CDMA technology in cell phones
	III	Cell phones - Identification, study of service providers
	IV	Introduction to Hardware and materials - Identification
11	I	Mother Boards in GSM and CDMA phones - Identification
	II	Components in GSM and CDMA phones - Identification
	III	ICs in GSM and CDMA phones - Identification
	IV	Practical of the above sessions
12	I	Cell phone in GSM and CDMA technology - Types of sections
	II	GSM and CDMA phones - Types of network problems
	III & IV	Fault finding and servicing network sections in GSM and CDMA phones
13	I	Experience sharing - Interaction with successful entrepreneur

Day	Session	Subject
	II & III	Study of Antenna switch, PF, RF and Filters
	IV	Practical of the above sessions
14	I	Introduction to Power section in GSM and CDMA phones
	II	Fault finding and tracing of power section in GSM and CDMA phones
	III & IV	Practical
	Post evening	Mid term evaluation test
15	I	Introduction to Audio section in GSM and CDMA phones
	II	Study of Mic, speaker, vibrator and ringer or buzzer
	III	Practical of the above sessions
	IV	Market survey - Theory
16	I to IV	Market survey - Collection of information and field visits
17	I & II	Market survey - Report writing, presentation, group discussion & analysis
	III	Introduction to LCD and LED section in GSM and CDMA phones
	IV	Fault finding and tracing of LCD and LED section
18	I	Key pad LEDs fault finding - Practical
	II	Introduction to key pad section in GSM and CDMA phones
	III	Fault finding and tracing key pad section in GSM and CDMA phones, on and off section - Practical
	IV	Business game - Boat building exercise
19	I & II	Cell phone strips problem in GSM and CDMA phones, fault finding and tracing strips problems - Theory & Practical
	III & IV	Introduction to SIM problems in GSM and CDMA phones, fault finding and tracing SIM related problems - Theory & Practical
20	I	Marketing management - 4Ps of marketing and managing the customers
	II to IV	Introduction to MMC problems in GSM and CDMA phones, fault finding and tracing of MMC related problems - Theory & Practical
21	I & II	Introduction to charging problem in GSM and CDMA phones, Fault finding and tracing of charging section - Theory & Practical
	III & IV	Introduction to Camera problems in GSM and CDMA phones, Fault finding and tracing of Camera related problems - Theory & Practical
22	I	Introduction to touch screen and hands free technologies - Identification of problems
	II	Fault finding and tracing of touch screen and hands free problems
	III	Fault finding and tracing of Bluetooth and gallery related problems
	IV	Practical of the above sessions
23	I & II	Fault finding and tracing of dead phones
	III	Assembling and disassembling phones
	IV	Complaints related to Boot IC
24	I & II	Visit to servicing units of successful entrepreneurs.
	III & IV	Practical of the above sessions
25	I	Introduction to Software service and equipments in GSM phones
	II	Identification of software and hardware problems in GSM phones
	III	Software complaints in Nokia DCT-4 and BB-5 models
	IV	Nokia DCT-4 and BB-5 models by UFS and JAF box - Practical

COMPUTER BASICS

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 to IV	Basic Information, Fundamentals of Computers
05	I	Difference between Hardware & Software
	II	Types of Printers
	III & IV	Computer - Block Diagram, MS-DOS
06	I to IV	MS-DOS - Commands & Practical
07	I & II	Introduction of Windows XP
	III	Notepad & WordPad - Theory
	IV	Note Pad & WordPad - Practical
08	I	Making of File and Folder
	II	Note pad, Word pad - Practical
	III	Tower building - Eradicating dependency syndrome
	IV	Note pad, Word pad - Practical
09	I	Short cut Key
	II	Calculator, Wallpaper - Theory & Practical
	III	Evaluation Test
	IV	Calculator, Wallpaper - Practical (Contd)
10	I to IV	Introduction to Office 2007 & Microsoft Word
11	I & II	MS Word - Home Menu - Demo
	III	MS Word - Home Menu - Practical
	IV	Typing Tutor - Practical
12	I to III	MS Word - Insert & Page Layout Menu
	IV	Typing Tutor - Practical
13	I	Mail Merge - Demo & Practical
	II	Alignment & Reference Menu
	III & IV	Typing Tutor - Practical
14	I	Mail Merge - Practical
	II	Review Menu - Demo & Practical
	III	Typing Tutor - Practical
	IV	Market Survey - Theory
15	I to IV	Market Survey - Collection of information and field visits

Day	Session	Subject
16	I	Market Survey - Report writing, presentation, group discussion & analysis
	II & III	View menu & Design menu, Introduction to MS- Excel
	IV	Mid term evaluation test
17	I	MS Excel - Function & Formula
	II	MS - Excel - Short curt Key
	III	Formula - Find, Cross Value
	IV	Quantity & Chart Wizards
18	I to III	Formula - Sum, Average, Multiply
	IV & Post Evening	Business Game - Boat Building Exercise
19	I	Formula - Logical, Conditional
	II to IV	Mathematics - Formula
20	I & II	MS Excel - Data Menu
	III & IV	Filter & Random Number - Practical
21	I	Introduction to MS-Power Point
	II & III	MS -Word, Ms-Excel - Practical
	IV	Marketing Management - 4 Ps of marketing, managing the customers
21	I	AMT Exercise
	II	MS - Power Point - Animation
	III & IV	Designing Slides & Custom action
22	I	Types of Animations
	II & III	Transition of Slide show with Mouse Click and Automatically
	IV	Introduction to MS-Access
23	I	MS PowerPoint - Practical
	II	MS-Access - Home Menu
	III & IV	MS-Access - Practical
24	I	MS Power Point - Practical
	II & III	MS-Access - RDBMS - Theory & Practical
	IV	Creating Table & Insert Field
25	I & II	MS Access - External Data
	III & IV	Import & Export file, Other Menu
26	I to IV	Report & Query Form
27	I	Effective communicational skills
	II to IV	Data Sheet & relationship menu
28	I & II	MS Access - Practical
	III	Interaction with successful Entrepreneur
	IV	Final evaluation test
29	I	Costing, pricing - Fixed cost, variable cost, Break even point etc.
	II	Business plan / project report preparation
	III & IV	Banking - Deposits & advances, lending schemes/ Government schemes
30	I	Human Relations - Importance, principles & methodology
	II	Maintenance of records & book keeping - Methodology
	III	Launching formalities - Steps in launching of an enterprise
	IV	Feedback & Valedictory

COMPUTER DESKTOP PUBLICATION (DTP)

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 to IV	Basics of Computer Hardware & Software in Digital Designing and Publication, Uses of Computer, Block Diagram of Computer, History of Computer. Hardware: Input Devices, Output Devices, Storage Devices, Difference between old computer and latest computer. RAM, ROM, Different Drives, Modem, Internet uses. Software: Application software, General purposes software, Development Software, System Software.
05	I to IV	Introduction to windows XP, Word pad, windows explorer-Creating New folders, copying and pasting, renaming, searching files.
06	I to IV	Scope of DDP, Printing Types: Letter Press, Offset Printing, Screen Printing, Digital Printing.
07	I to IV	Introduction to MS Word, Page Setting, Font style, Making Bold, Italic, Underlining, superscript, subscript, text wrapping,
08	I	Tower building - Eradicating dependency syndrome
	II to IV	Inserting picture / clip arts, Drop caps, using word art, drawing tools, Giving water background, Header and footer
09	I to IV	Introduction to MS Excel, Creating Marks sheet, salary sheet, creating pie/ bar charts
10	I to IV	Introduction to Adobe Pagemaker, Understanding the first screen of Pagemaker
11	I to IV	Uses of Tool Box, Alignment /document setting
12	I to IV	Use of Control Palate, Magazine Creation in English
13	I	Effective communication skills
	II to IV	Scanning Operation using photoshop and simple editing photos
14	I to IV	Typing of Local Language Software (Kannada/Telgu/Hindi etc) using NUDI, Baraha, Ankur Packages
15	I to IV	Book Printing - Page Setup, Page Numbering, Header and footing, Auto flow
16	I to IV	News Paper Designing & Designing of Classified Advertisements
17	I to IV	Job work & Printing - Brochures, letter heads, bill books, pamphlets
18	I to IV	Introduction to Adobe Photoshop (Latest available version)
19	I to IV	Understanding of Photoshop first screen
20	I to III	Uses of Adobe Photoshop tool box
	IV	Business Game - Boat Building Exercise

Day	Session	Subject
21	I	Experience sharing - Interaction with successful entrepreneur
	II to IV	Photo editing, color correction, black and white to color conversion,
22	I to IV	Passport size Printing, changing backgrounds, wedding mixing
	Post evening	Mid term evaluation test
23	I to III	Mixing using Photoshop standard document (PSD) background
	IV	Market Survey - Theory
24	I to IV	Market Survey - Collection of information and field visits
25	I & II	Market survey-Report writing, presentation, group discussion & analysis
	III & IV	Flex Board Designing / Advertisement board designing
26	I to IV	Magazine cover page designing
27	I to IV	Understanding and uses of shortcut keys of Adobe Photoshop
28	I to IV	Test-1 of PageMaker and Photoshop, addition of inputs if necessary
29	I to IV	Introduction to Corel Draw 14
30	I to IV	Understanding the first screen Corel Draw 14
31	I to IV	Uses of tool box of Corel Draw
32	I to IV	Understanding and uses of shortcut keys of Corel Draw
33	I to IV	Types of Design Compositions
34	I to IV	Composing of multi color visiting cards
35	I to IV	Composing of Visiting Cards Using Cliparts/scanned images/Signatures
36	I to IV	Composing of Business Cards
37	I to IV	Composing of Marriage Cards, invitation Cards, using of photo mixing
38	I to IV	Composing of Pamphlets
39	I to IV	Composing of Flex Boards
40	I to IV	Composing of Flex Boards / Momentum
41	I	Marketing management - 4Ps of marketing, managing the customers
	II to IV	Logo Creation
42	I to IV	CD Writing, Introduction to Internet, Email ID Creation, Sending Email, Receiving email, attaching files/pictures, searching required information, uploading and downloading
43	I to III	Visit to offset printer shop
	IV	Final evaluation test
44	I	Costing, pricing, fixed cost, variable cost, breakeven point etc.
	II	Business plan/project report preparation
	III & IV	Banking-Deposits & advances, lending schemes/Government schemes
45	I	Human Relations
	II	Maintenance of records & book keeping - Methodology
	III	Launching formalities - Steps in launching of an enterprise Pitfalls and their control
	IV	Feedback & Valedictory

Space for updations/additions:

COMPUTER HARDWARE (A+) AND NETWORKING (N+)

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	Introduction to Electronics (Digital & Analog)
	II	Components - Explaining the Basics of Electronics
	III	Identification of Resistor, Capacitor, Diodes & their functions
	IV	Digital Electronics - Basics of logic gates (AND,OR,NOT), Multiplexer etc.
05	I to IV	Definition of Computer - Block diagram of computer, history of computer
06	I to IV	Computer Parts - Identification and description, assembling of PC
07	I to IV	Operating System - Introduction and its working, types of operating systems
08	I	Business Game - Boat Building Exercise
	II to IV	Booting a PC, POST, System files, CD/Pen drive/DVD/Floppy booting
09	I to IV	Understanding Bios Setup, Identification of Processor, RAM, Hard disk, Motherboard type and speed, Setting a Boot Sequence/Boot order
10	I	Effective Communication Skills
	II to IV	Introduction to DOS, Using F-disk/DM, Creating Partition (Primary/ Secondary Partition), Understanding FAT, FAT32, NTFS file system.
11	I to IV	Partition using Windows XP and installation of operating system (XP/Vista/ Windows 7/Win 2003) - any other latest versions
12	I	Experience Sharing - Interaction with successful entrepreneur
	II to IV	Understanding the difference between 32 bit and 64 bit operating systems
13	I to IV	Installation of Device Drivers, Display, Sound, LAN, TV Card etc
14	I to IV	Installation and working knowledge of Ms Office Packages
15	I to IV	Installation of DTP Packages and working knowledge of these packages
16	I to IV	Installation and use of Antivirus and updating Antivirus package
17	I to IV	CD Writing and DVD Writing using Nero, Windows XP and other writing software, difference between Multi session and single session
18	I to IV	Installation of Multimedia Software and its uses, codec technology for playing DVD, region settings
19	I to IV	Creating users, assigning permission, assigning password etc
20	I to III	Types of printers and their installations, Trouble shooting
	IV	Tower building - Eradicating dependency Syndrome
21	I to IV	Processors: Types of processors, understanding 8086,8088, 80286, 80386, 80486, Pentium 1, Pentium 2, Pentium 3, Pentium IV, Pentium IV Dual Core, Pentium IV Core2 Duo, Centrino, and Quad Core, different AMD processors, Cyrix processor

Day	Session	Subject
22	I to III	Types of Motherboards - Socket 7, 810, 845, 915, 945, DG31.
	IV	Market Survey - Theory
23	I to IV	Market Survey - Collection of information and field visits
24	I & II	Market Survey - Report writing, presentation, group discussion & analysis
	III & IV	Types of Memory, RAM Types - EDO RAM, SDRAM, DDR1, DDR2 & their problems - Trouble shooting
25	I to IV	Introduction to Keyboard and its types (Normal, ps2, USB, cordless) & their problems - Trouble shooting
	Post evening	Mid term evaluation test
26	I to IV	Introduction to Mouse and its types (Normal, ps2, USB, cordless) & their problems - Trouble shooting
27	I to III	FDD, working Principle of FDD, CD, HDD & their problems - Trouble shooting
	IV	Marketing management - 4Ps of marketing, managing the customers
28	I to IV	Installation of Scanner driver and Scanning problems
29	I to IV	Types of SMPS: AT and ATX & their problems - Trouble shooting
30	I to IV	Introduction to UPS, working principle and connecting to Computer
31	I to IV	Types of Monitors - Latest types - Working principles & their problems - Trouble shooting
32	I to IV	Introduction to Hard disk, Connection of hard disk, IDE, SATA, SCSI, USB and transferring of data between two hard disks, jumper setting and its necessity - Problems & trouble shooting.
33	I to IV	Introduction to Modem, types of modems, drivers installation, dial up & broad band installation
34	I to IV	Uses of Internet and E-mail, creation, sending/receiving email, searching information, downloading software/antivirus, firewall setting, auto update setting
35	I to IV	Introduction to networking, types of networking, LAN, WAN, MAN
36	I to IV	Crimping of LAN, understanding of color coding, system to system, system to switch
37	I to IV	Configuration of LAN, IP address, subnet mask, default gateway, DNS, DHCP
38	I to IV	Setting user permission, printer & Internet sharing, net meeting, remote computer access.
39	I	Visit to shop of successful entrepreneurs
	II to IV	Installation of Windows 2003 server operating system
40	I to IV	User management and assigning different permission
41	I to IV	Understanding backup using Acronics, Norton ghost
42	I to IV	Repairing Winxp using bootable disk and installation of XP without loosing data XP
43	I to IV	Installation of two operating system, linux introduction, difference between linux and windows
	Post evening	Final evaluation test
44	I	Costing, pricing, fixed cost, variable cost, breakeven point etc.
	II	Business plan/project report preparation
	III & IV	Banking-Deposits & advances, lending schemes/Government schemes
45	I	Human Relations
	II	Maintenance of records & book keeping - Methodology
	III	Launching formalities-Steps in launching of an enterprisePitfalls and their control
	IV	Feedback & Valedictory

BEAUTY PARLOUR MANAGEMENT

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	The concept of Beautification in women - what, why& how?
	II to IV	Threading & Eye brow shaping - Theory, demonstration & practical
05	I to IV	Waxing - Theory, demonstration and Practical
06	I to IV	Manicure & Pedicure - Theory, demonstration and Practical
07	I to IV	Bleaching of face (cream method) - Theory, demonstration and Practical
08	I to IV	Herbal cream facial - Theory, demonstration and Practical
09	I to IV	Herbal fruits & vegetable facial - Theory, demonstration and Practical
10	I	Business Game - Boat Building Exercise
	II to IV	Galvanic high frequency vat removal - Theory, demonstration and practical
11	I to IV	Aroma Therapy & Acne Treatment - Facial
12	I	Effective communication skills
	II to IV	Hair cutting - Theory, demonstration and practical (Adult)
13	I	Experience sharing - Interaction with successful entrepreneur
	II to IV	Hair cutting - Theory, demonstration and practical (Children)
14	I to III	Advanced Hair cuttings - Theory, demonstration and practical
	IV	Market Survey - Theory
15	I to IV	Market Survey - Collection of information and field visits
16	I & II	Market survey - Report writing, presentation, group discussion & analysis
	III & IV	Hair massage & Body massage - Theory, demonstration and practical
	Post evening	Mid term evaluation test
17	I to IV	Hair straightening (chemical) cum ironing - Theory, demonstration & practical
18	I to IV	Perming - Theory, demonstration and practical
19	I to III	Henna for hair - Theory, demonstration and practical
	IV	Tower building - Eradicating dependency syndrome
20	I to III	Hair colour, hair dye highlights - Theory, demonstration and practical
	IV	Marketing management - 4Ps of marketing, managing the customers
21	I to IV	Spa Treatment - Theory, demonstration and practical
22	I to IV	Bridal Mehandi - Preparation, designing and application - Theory, demonstration and practical
23	I to IV	Make-up & Dressing - Casual, Day, Night, Waterproof - Theory, demonstration and practical

MEN'S PARLOUR MANAGEMENT

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	Hair cutting - Theory & practical
	II to IV	Advanced hair cutting - Theory & Practical
05	I to IV	Hair straightening & re bonding - Theory Hair straightening & re bonding - Practical Hair highlighting & weighting - Theory & Practical
06	I to IV	Facial & Massage - Gold Facial & Silver Facial
07	I to IV	Facial - Shahnaz Hussain facial, Herbal facial, Fruit facial
08	I to IV	Herbal treatment, Removing Dandruff, Treatment for pimple
09	I	Make up -Theory
	II to IV	Normal Make up, Marriage makeup
10	I	Effective communication skills
	II & III	Hair coloring, Hair curling, Hair colour with developers - Laurel (Demo), Hair colour with developers - Streaks - Practical
	IV	Business game - Boat building exercise
11	I	Hair highlighting
	II to IV	Weighting with developers, Hair straitening (Demo)
12	I to IV	Waxing - Theory and practical
13	I & II	Facial - Practical
	III & IV	Waxing - Practical
14	I to IV	Threading - Theory & Practical
	Post Evening	Mid term evaluation Test
15	I to III	Threading - Theory & Practical (Contd.)
	IV	Market Survey - Theory
16	I to IV	Market Survey - Collection of information and field visits
17	I & II	Market Survey - Report writing, presentation, group discussion & analysis
	III & IV	Eye brow shaping - Theory, Eye brow shaping - Practical
18	I & II	Manicure - Theory & Practical
	III & IV	Pedicure - Theory, Demonstration & Practical
19	I to III	Hair Dye - Demonstration & Practical
	IV	Tower Building- Eradicating dependency syndrome

Day	Session	Subject
20	I	Marketing Management - 4 Ps of marketing and managing the customers
	II to IV	Types of hair styles, Hair dye - Demonstration & Practical
21	I to IV	Hair styles - Practical (Contd.)
22	I to IV	Hair cutting - Demonstration
23	I & II	Hair cutting - Practice on artificial hair (wings)
	III & IV	Hair cutting - Practical (Contd.)
24	I to IV	Body massage - Theory & Practical
25	I to IV	Body massage - Herbal Oil / power preparation - Demonstration & Practical
26	I to IV	Bridal make up
27	I & II	Head oil massage, Nutrition and body care
	III & IV	Hair cutting, Hair style & Waxing - Practical
28	I to IV	Facial, Manicure and Pedicure - Practical
	Post Evening	Final evaluation test
29	I	Costing, pricing - Fixed cost, Variable cost, Break even point etc.
	II	Business plan / Project report preparation
	III & IV	Banking - Deposits & advances, lending schemes/ Government schemes
30	I	Human Relations - Importance, principles & methodology
	II	Maintenance of records & book keeping - Methodology
	III	Launching formalities - Steps in launching of an enterprise
	IV	Feedback & Valedictory

Space for updations/additions:

PLUMBING & SANITARY WORKS

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 & II	Types of pipes, materials and fittings used in domestic installation systems - Water supply system
	III & IV	Site Drainage system - Blockage, use of chemicals
05	I	Examining the sketches, drawings and specifications
	II to IV	Use and maintenance of plumbing tools such as a file, hacksaw, spirit level, plumb bob, hammer and chisel, rawl plug chisel, stocks and dies, pipe cutter, still son wrench, pipe bending machine
06	I to IV	Adhesives - Types & application. Pipes - Types, Dimension, uses. Joints - Types, uses, applications and bathroom fittings
07	I	Tower building - Eradicating dependency syndrome
	II to IV	Chamber connection - Chasing
08	I to IV	Installing PVC pipe work including selection of pipes, measurement of pipes and fitting, bending of pipes to given specification, making joints by using adhesive or couplings.
09	I to IV	Methods of laying pipes in building through floors, beams and columns.
10	I	Effective communication skills
	II to IV	Locating and marking pipe positions, pipe connections, holes for pipes in walls and floors
11	I to IV	Methodology of cutting for openings in walls and floors for accommodating pipes/pipe fittings using hand/power tools
12	I to IV	Cut openings in walls and floors to accommodate pipes and pipe fittings using hand or power tools
13	I	Significance of ventilation of fresh water pipes and soil pipes
	II to IV	Assembling and installing sanitary fixtures including installation of sinks, bath tubs, water closets with cistern
14	I	Experience sharing - Interaction with successful entrepreneur
	II to IV	Cutting and threading pipes of different sizes & materials
15	I to III	Installation of domestic water pumps - Adjusting of ball valves to prevent overflow, connection to soil pipes
	IV	Market survey - Theory
16	I to IV	Market survey - Collection of information and field visits
17	I & II	Market survey - Report writing, presentation, group discussion & analysis

Day	Session	Subject
	III & IV	Rules, regulations, procedures and specification of products by the Municipality/ Corporation regarding the standards of plumbing
	Post evening	Mid term evaluation test
18	I to III	Assembling, installing, & repairing pipes, fittings and fixtures of heating, water, sanitary and drainage systems as per the required specifications
	IV	Business Game - Boat building exercise
19	I to IV	Joining pipes using threaded fittings, flanged fittings, methods of flared, wiped, slip, sleeve or clamp joints, using solder, plastic solvent and cox joints
20	I to IV	Assembling and installing valves, pipe fitting and pipes composed of materials such as iron, steel, brass, copper, lead and non metals such as vitrified clay, cement, plastic or PVC using hand tools & power tools.
21	I	Marketing management - 4Ps of marketing, managing the customers
	II to IV	Test systems by water or air and reading pressure gauges to determine the fulfilling of the specification of the system. Determination of the faults if any.
22	I to IV	Installing and repairing plumbing fixtures such as sinks, WC suites, bath tubs & water heaters
23	I to IV	Installing and repairing plumbing fixtures such as water tanks, bidets, showers, urinals, water drainage systems, gutters, fall pipes and soil pipes - Connection of chambers.
24	I & II	Working at heights - Use of ladders and scaffolds, safe working practices including material storage, manual lifting, inspection of tools. Working of stepladders, scaffold towers, ladders, bamboo scaffold etc.
	III & IV	Pipe support and pipe fixing brackets
25	I to IV	Orientation to plumbing works in commercial/industrial setup
26	I to IV	Installation of rainwater harvesting system
27	I to IV	Carrying out simple system design work and estimating installation cost and repair cost
28	I & II	Visit to servicing units of successful entrepreneurs.
	III & IV	Installation of Solar water system
	Post evening	Final evaluation test
29	I	Costing, pricing, fixed cost, variable cost, breakeven point etc.
	II	Business plan/project report preparation
	III & IV	Banking-Deposits & advances, lending schemes/Government schemes
30	I	Human Relations
	II	Maintenance of records & book keeping - Methodology
	III	Launching formalities - Steps in launching of an enterprise.Pitfalls and their control
	IV	Feedback & Valedictory

Space for updations/additions:

BASIC PHOTOGRAPHY & VIDEOGRAPHY

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 & II	Introduction to Photography, History of Photography / camera, Development of cameras (Pin hole camera to digital SLR camera)
	III & IV	Camera care and safety precautions
05	I	Tower building - Eradicating dependency syndrome
	II	Camera and its accessories
	III	Types of lenses and its aspects
	IV	Picture composition and its various stages - Theory with feedback
06	I to IV	Digital Photography - Introduction
07	I	Effective Communication skills
	II to IV	Parts of DSLR camera and their functions
08	I to IV	Lightings and its sources - Theory & Practical
09	I to IV	Outdoor photography under controlled lighting - Theory & Practical
10	I to IV	Studio management - Setting up of a studio, furnishing & Indoor lighting system
11	I to IV	Digital dark room (Computer scanner, printer, storage and software)
12	I & II	Introduction to Photoshop and photo editing tools
	III & IV	Designing of karizma albums and different templates
13	I	Experience sharing - Interaction with successful entrepreneur
	II	Picture composition and its various stages - Practical
	III & IV	Picture storage in different modular - Practical
14	I to IV	Portrait photography - Theory & Practical
15	I & II	Photo Journalism and divisions
	III & IV	Maintenance of cameras & equipments
	Post evening	Business game-Boat Building Exercise
16	I	Market survey - Theory
	II to IV	Market Survey - Collection of information and field visits
17	I	Market Survey- Report writing, presentation, group discussion & analysis
	II	Introduction to Videography
	III & IV	Types of Video cameras and their accessories
18	I	Marketing management - 4Ps of marketing, managing the customers
	II	Functioning of Video camera

SEWING MACHINE REPAIR

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 & II	Sewing machines - Types, availability, spares, tools - Theory and Demonstration
	III & IV	Comparison between tailor model and Commercial model machines
	Post Evening	Risk taking and goal setting - Ring Toss exercise.
04	I to IV	Dismantling of sewing machines -Tailor model - Usha, singer, Rama, ORTEM etc. - Practical
05	I	Tower building - Eradicating dependency syndrome
	II to IV	Assembling of sewing machines - Tailor model - Practical
06	I & II	Dismantling of Commercial model - TA-1 machine
	III & IV	Common problems, general maintenance and working on sewing machines
07	I	Problem solving - Explanation through case studies and exercises, creativity - Creative thinking
	II to IV	Reassembling Commercial model machine
08	I & II	Major problems in sewing machines - Hookset, regulator settings & Gear settings
	III & IV	Comparison between commercial model & Link model machine
09	I	Time Management
	II	Power machines - Garments Industrial sewing machine- High speed - Spares - Demonstration
	III & IV	Dismantling of power machines, cleaning and replacing - Theory and demonstration
10	I to IV	Reassembling power machines - Practical. Comparison between power machines and commercial machines (manual TA-1)
11	I	Business game - Boat Building exercise
	II & III	Functioning of Zig-Zag machine - Demonstration
	IV	Market Survey - Theory
12	I & II	Dismantling of Zig-zag embroidery machine, cleaning - Practical
	III & IV	Reassembling of a Zig-zag machine - Theory and practical
13	I	Experience sharing - Interaction with successful entrepreneur
	II to IV	Maintenance of Zig-Zag machine - Problems & eradication
14	I	Dismantling Fashion maker (disk model) cleaning and reassembling
	II	Business plan/project report preparation
	III & IV	Banking - Deposits & advances, lending schemes/Government schemes
	Post evening	Final evaluation test
15	I	Human Relations
	II	Maintenance of records & book keeping - Methodology
	III	Launching formalities - Steps in launching of an enterprise, pitfalls and their control
	IV	Feedback & Valedictory

ALUMINIUM FABRICATION

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	Introduction to aluminum work and details of aluminum channel
	II & III	Measurement details of aluminum work
	IV & Post Evening	Risk taking and goal setting - Ring Toss exercise
04	I & II	Cutting & joints
	III & IV	Measurement details of Aluminum work - Introduction to cutting machine
05	I	Tower building - Eradicating dependency syndrome
	II to IV	Drawing, preparation of plan & estimates of fixed section
06	I	Effective Communication
	II to IV	Measurement details
07	I to IV	Drawing, preparation of plan & estimates of fixed section
08	I & II	Door section (sintex type door also)
	III & IV	Super sliding window - Drawing
09	I & II	Super sliding window - Plan & estimates
	III & IV	Ordinary sliding - Drawing
10	I	Problem solving - Explanation through case studies and exercises, Creativity - Creative thinking
	II to IV	Ordinary sliding window - Plan & estimates
11	I	Experience sharing - Interaction with successful entrepreneur
	II & III	Super sliding window
	IV	Market survey - Theory
12	I to III	Market Survey - Collection of information and field visits
	IV	Market Survey- Report writing, presentation, group discussion & analysis
13	I & II	Ordinary sliding window
	III & IV	Ceiling section (drawing)
14	I	Marketing management - 4Ps of marketing, managing the customers
	II & III	Ceiling section (plan & estimate)
	IV	Ceiling section (drawing)
15	I & II	Hand rails (drawing)
	III & IV	Hand rails (plan & estimate)
16	I & II	Hand rails (sit out)
	III & IV	Hand rails (staircase)
	Post Evening	Business game - Boat Building exercise

