

Smt Sindhutai Jadhao Arts and Science Mahavidyalaya, Mehkar

Bachelor of Vocation (B.Voc.)

Program Outcomes (PO's)

PO1. The B.Voc. Programme is focused on universities and colleges providing undergraduate studies which would also incorporate specific job roles and their NOSs along with broad based general education.

PO2. This would enable the graduates completing B.Voc. to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge.

Programmes Specific Outcomes (PSO's)

Bachelor of Vocation (B.Voc.) Degree in Agriculture

PSO1. Bachelor of Vocation (B.Voc.) Degree in Agriculture will train students in areas such as – Garden and Nursery Raising, Garden Designing & Maintenances, Agri Warehouse Management, Cold Storage Management, Industrial Organization & Management, Analysis Report Generation.

Bachelor of Vocation (B.Voc.) Degree in Automobiles

PSO1. Bachelor of Vocation (B.Voc.) Degree in Automobiles will train students in areas such as – Basics of Automobiles in Vehicle Testing, Workshop Technology, Engine System and Testing, Mechatronics engineering, Electrical & Electronics System, Motor Vehicle Rules, Supervisory Skills, Vehicle System

Bachelor of Vocation (B.Voc.) Degree in Tourism & Hospitality

PSO1. Bachelor of Vocation (B.Voc.) Degree in Tourism & Hospitality will train students in areas such as – Front Desk Operation, Basics of Hospitality Service, Customer Query and Complaint Management, Hospitality and Tourism Products, Guest Handling and Team Management, Hospitality Supervisory Skills

Bachelor of Vocation (B.Voc.) Degree in Medical Laboratory Technology

PSO1. Bachelor of Vocation (B.Voc.) Degree in Medical Laboratory Technology will train students in areas such as – Medical Laboratory Technology, Introduction to Microbiology, Biochemistry and Hematology; fundamentals of anatomy & physiology, Advanced Laboratory Science Techniques and Testing Process, Safety Protocols & Corporate Diagnostic Lab Management, Introduction to Blood Banking,

Bachelor of Vocation (B.Voc.) Degree in Accounting & Financial Services

PSO1. Bachelor of Vocation (B.Voc.) Degree in Accounting & Financial Services will train students in areas such as – Insurance Agent, Application Processing, Post Policy Services, - Record Keeping, Communications & Service Orientation, Mutual Funds: Marketing and Selling, Purchase of Mutual Fund & Post Sales Services, Communication & Customer Satisfaction, Team Climate & Company's Policy, Tax Compliance, Payroll Function, Advice Statements and PF, TAX on Salary, Receipt & Payment Voucher, Payment Records, Reconciliation and BRS Worksheet, Credit Purchases and Sale.

Course Outcomes (CO's)

Bachelor of Vocation (B.Voc.) Degree in Agriculture

Semester:-I

Garden and Nursery Rising,

CO-1 Students will be able to identify plants and seeds and maintain cleanliness

CO-2 Students will be able to know Seed bed preparation and maintenance

CO-3 Students will be able to know Green House Activities and Maintenance

Garden Designing & Maintenances,

CO-1 Students will be able to know Water Resource, Supply & Waste Water Management

CO-2 Students will be able to know Propagation Techniques and other practices for Nursery

CO-3 Students will be able to know Floriculture

Semester:-II

Agri Warehouse Management,

CO-1 Students will be able to know Seasonal Gardening and Ground Maintenance and Disease Management

CO-2 Students will be able to know Health and Safety at Workplace

CO-3 Students will be able to know Developing entrepreneurship skills

Plan and monitor receipt and dispatch of agri commodities

CO-1 Students will be able to explore strategic Aspects of Warehousing.

CO-2 Students will be able to expertise Legislations, standards, policies and procedures applicable to workplace.

CO-3 Students will be able to Interact act with Reporting Manager.

Semester:-III

Agriculture Extension Activities Correspondent-I

CO-1 Students will be able to identify the extension services required in the particular area.

CO-2 Students will be able to analyze the problems and difficulties adaptation of technology.

CO-3 Students will be able to create awareness about the changes that are occurring in the market.

Frontline Demonstrations and Follow up of Training

CO-1 Students will be able Select appropriate and proven technologies to be demonstrated

CO-2 Students will be able to Conduct Frontline Demonstrations.

CO-3 Students will be able to learn about record keeping.

Semester:-IV

Plan and monitor receipt and dispatch of agri commodities-ii

CO-1 Students will be able to devise and implement procurement strategy
CO-2 Students will be able to monitoring and Reassessment of the Procurement Strategy.
CO-3 Students will be able to Managing Contracts with Suppliers.

Semester:-V

Cold Storage Management,

CO-1 Students will be able to financial management of Cold storage.
CO-2 Students will be able to managing Company Policies.
CO-3 Students will be able to coordination with market partners & delivery of the produce.

Health and Safety at Cold Storage

CO-1 Students will be able to Maintenance of Cold Storage Workers Safety.
CO-2 Students will be able to identify health risks to Cold storage workers and bystanders and actions to be taken to reduce these risks.
CO-3 Students will be able to check Quality Standard Management.

Semester:-VI

Industrial Organization & Management,

CO-1 Students will be able to study the crop and report analysis
CO-2 Students will be able to data Collection from National Reports and communication
CO-3 Students will be able to monitoring factors affecting commodity supply and demand

Analysis Report Generation.

CO-1 Students will be able to Report Generation & Sharing
CO-2 Students will be able to do Documentation
CO-3 Students will be able to Documentation of tools of data collection and reports generation.

Bachelor of Vocation (B.Voc.) Degree in Automobiles

Semester-I

Basics of Automobiles in Vehicle Testing,

CO-1 Students will be able to know Testing of different components of vehicle.
CO-2 Students will be able to know Testing of vehicle systems
CO-3 Students will be able to Differentiate between various tests done on various vehicles

Semester –II

Workshop Technology,

CO-1 Students will be able to learn about General machineries
CO-2 Students will be able to know Air Compressor, Fly press, Pipe bending M/c, Wheel aliment M/c, Wheel balancer
CO-3 Students will be able to learn manufacturing process heat treatment: Plating, Casting, Defects, Forging.

Engine System and Testing,

CO-1 Students will be able to Study of Fuel Supply System for Petrol Engine and Diesel Engine
CO-2 Students will be able to Study of Cooling System: Function and use of components

CO-3 Students will be able to Study of Ignition System: Function and use of components, Circuits.

Semester-III

Mechatronics engineering,

CO-1 Students will be able to measure systems control system Sensors & transducers Types of sensors.

CO-2 Students will be able to learn Pneumatics, electro pneumatics hydraulic actuators

CO-3 Students will be able to know about Ohms Law, voltage, power, current (AC/DC) resistance, magnetism,

Electrical & Electronics System,

CO-1 Students will be able to know about Actuator Electromechanical actuators

CO-2 Students will be able to know DC servomotor, stepper motor, relay, solenoid, speaker, light emitting diode (LED).

CO-3 Students will be able to know Advance electronic used in farm harvesting machines.

Semester-IV

Motor Vehicle Rules,

CO-1 Students will be able to Knowledge about Motor Vehicle Act

CO-2 Students will be able to Road Safety Signs - Traffic signs. & their symbols, Registration mark

CO-3 Students will be able to Difference between Assurance & Insurance, different types of insurance

Supervisory Skills,

CO-1 Students will be able to Service supervisor work in workshop, over repair, maintenance work in the workshop, function, activity, necessary, for achieving the target ,purpose the sector, area of work.

CO-2 Students will be able to Work effective in a team, Repair and replace of parts.

CO-3 Students will be able to make Decision making, plan and organize, customer centricity, problem solving,

Semester-V

Vehicle System

CO-1 Students will be able to Test Facilities Sealed Housing

CO-2 Students will be able to Control System Engine Dynamometer Test Facilities

CO-3 Students will be able to Vibration Test, Thermal shock test & CAE / Simulation

ELECTRICAL & ELECTRONICS SYSTEM

CO-1 Students will be able to learn Actuator Electromechanical actuators, Electrical machines

CO-2 Students will be able to know DC servomotor, stepper motor, relay, solenoid, speaker, light emitting diode (LED)

CO-3 Students will be able to learn Advance electronic used in farm harvesting machines.

Semester-VI

TESTING OF ENGINE SYSTEM- 2

CO-1 Students will be able to practice Lubrication System, objects of lubrication system properties and additives of lubricants various types of lubrication system various components of lubrication system various trouble shooting in lubrication system

CO-2 Students will be able to know Hydraulic & Pneumatic System.

CO-3 Students will be able to maintain Trouble Shootings of Battery System.

Bachelor of Vocation (B.Voc.) Degree in Tourism & Hospitality

Semester-I

Front Desk Operation,

CO-1 Students will be able to learn introduction to Bell Desk Operations.

CO-2 Students will be able to Greeting guest as per SOP-Type of Guest-Types of rooms- Room allotment as per guest Preference-Rate negotiation and Discounts-Handle room allotment as per type of guest

CO-3 Students will be able to Understanding guest requirement.

Semester-II

Basics of Hospitality Service,

CO-1 Students will be able to interact with superiors;

CO-2 Students will be able to Follow behavioral-personal and telephonic.

CO-3 Students will be able to Women rights- Women Safety-Company policy on behavior with women.

Semester-III

Customer Query and Complaint Management,

CO-1 Students will be able to Maintain proper body language and dress code, Inform the customers on any issues and developments involving them Customer Complaints Types of complaints, customer handling structure and method- Do's and Don'ts.

CO-2 Students will be able to study Types of standard queries.

CO-3 Students will be able to understand customer dissatisfaction and address their complaints.

Semester-IV

Hospitality and Tourism Products,

CO-1 Students will be able to handling late night registrations- Room allotment as per guest preference- Rate negotiation and discounts- Handle room allotment as per type of guest.

CO-2 Students will be able to Protocol to contact guest in the room- Front office consumables.

CO-3 Students will be able to various modes of bill settlement- Foreign currency procedure- Settlement of final bill.

Semester-V

Guest Handling and Team Management,

CO-1 Students will be able to take training of staff- Support and guidance to trainees.

CO-2 Students will be able to Politeness, Linguistic Devices, Table Manners, Fork Etiquette, Fork Etiquette, Variations European (Continental) Style, and Placement of Forks in Different Countries Drinking manners.

CO-3 Students will be able to

Semester-VI

Hospitality Supervisory Skills

CO-1 Students will be able to conduct Protocol to contact guest in the room- Front office consumables.

CO-2 Students will be able to study about various modes of bill settlement, foreign currency procedure- Settlement of final bill.

CO-3 Students will be able to ensure fair and honest treatments to customer.

Bachelor of Vocation (B.Voc.) Degree in Medical Laboratory Technology

Semester -I

Medical Laboratory Technology,

CO-1 Students will be able to maintain Health Care Systems and Laboratory Services

CO-2 Students will be able to play Role of the Medical Laboratory Technician

CO-3 Students will be able to study structure and Function of Human Body

Introduction to Microbiology,

CO-1 Students will be able to know Basic Instrumentation in microbiology.

CO-2 Students will be able to learn Microscopic techniques.

CO-3 Students will be able to study medical microbiology, Discovery of microorganisms

Semester-II

Biochemistry and Hematology;

CO-1 Students will be able to study Blood and collection of blood sample in detail

CO-2 Students will be able to Pre-analytical Laboratory Testing Process

CO-3 Students will be able to Infection Control and Prevention.

Advanced Laboratory Science Techniques and Testing Process,

CO-1 Students will be able to understand different types of samples to taken in medical laboratory, Sample Handling, Various equipments

CO-2 Students will be able to Observing and reporting while dealing with patients during sample and report collection

CO-3 Students will be able to understand chemicals/reagents useful in sample analysis.

Semester -III

Introduction to Blood Banking,

CO-1 Students will be able to routine hematological test

CO-2 Students will be able to Hemoglobin, Pigments and their measurements, abnormal hemoglobin's and their means of identification and estimation

CO-3 Students will be able to detect physicochemical properties of coagulation factors

Pathology I

CO-1 Students will be able to Elementary knowledge of tissue processing, Understand about section cutting,

CO-2 Students will be able to Describe about mounting of cell sample

CO-3 Students will be able to Estimate of T3, T4, TSH. Estimation HCG, Estimation of LH, Estimation of FSH, Estimation of Cortiso, Estimation of Progesterone, Estimation of Testosterone.

Semester -IV

Safety Protocols & Corporate Diagnostic Lab Management

CO-1 Students will be able to Decontamination

CO-2 Students will be able to Maintain hand hygiene following hand washing procedures before and after patient contact

CO-3 Students will be able to know - Basic Concept of Health

Introduction to Cytopathology

CO-1 Students will be able to Basics of cytology and cytopathology

CO-2 Students will be able to advanced techniques and future trends in field of biochemistry,

CO-3 Students will be able to Morphology, Life-Cycle, Pathogenicity and Laboratory diagnosis of protozoa

Semester -V

Introduction to Blood Banking

CO-1 Students will be able to Check and documenting vital parameters such as pulse, blood pressure, and temperature of a potential donor.

CO-2 Students will be able to Selecting and preparing anatomical site to perform vane puncture.

CO-3 Students will be able to Test of the donated blood for blood types.

Blood Bank Management

CO-1 Students will be able to knowing one's job role, knowing one's job responsibility.

CO-2 Students will be able to Establishing and managing requirements, Planning and organizing work.

CO-3 Students will be able to handle any hazardous situation with safely, competently and within the limits of authority.

Semester –VI

Soft Skill Development -III

CO-1 Students will be able to Corporate Culture:-Definition and Meaning, professionalism at the workplace

CO-2 Students will be able to Managing your state of mind.

CO-3 Students will be able to motivate employees, Physical health and leisure time.

MICROBIOLOGY IV

CO-1 Students will be able to Bacteriological examination of water, milk, food and air,

CO-2 Students will be able to Lab, Diagnosis of common bacterial infection v

CO-3 Students will be able to Lab diagnosis of fungal.

Bachelor of Vocation (B.Voc.) Degree in Accounting & Financial Services
Insurance Agent,
Semester -I

CO-1 Students will be able to Sales and Promotion of Insurance Policies

CO-2 Students will be able to maintain Client Profiling

CO-3 Students will be able to learn Data Processing.

Application Processing,

CO-1 Students will be able to Close sale of Insurance product and obtain first premium payment through any of the available channels such as cheque.

CO-2 Students will be able to Medical Follow-up.

CO-3 Students will be able to Premium Information for Client.

Semester-II

Post Policy Services,

CO-1 Students will be able to Planning and Execution of follow-up visits.

CO-2 Students will be able to Post-sale customer services.

CO-3 Students will be able to Record Updating & Reviewing Policy Targets.

Record Keeping,

CO-1 Students will be able to Assistance for Claims and maintaining records

CO-2 Students will be able to communicate with BFSI customers, superiors and colleagues & Service Orientation

CO-3 Students will be able to Integrate of Transactions and Data Security.

Semester -III

Communications & Service Orientation,

CO-1 Students will be able to Communicating with BFSI customers, superiors and colleagues

CO-2 Students will be able to Service Orientation

CO-3 Students will be able to Integrity of transactions and ensuring data security

Mutual Funds: Marketing and Selling,

CO-1 Students will be able to Assisting client in documentation

CO-2 Students will be able to Follow-up of Client

CO-3 Students will be able to Post Sale Services

Semester -IV

Purchase of Mutual Fund & Post Sales Services,

CO-1 Students will be able to Integrity of transactions and ensuring data security.

CO-2 Students will be able to Communicating with BFSI customers, superiors and colleagues.

CO-3 Students will be able to Effective Communication.

Communication & Customer Satisfaction,

CO-1 Students will be able to make Payment Particulars and Delivery Challan.

CO-2 Students will be able to take Recording Data in Purchase Journal.

CO-3 Students will be able to Purchase Journal and Sales Journal.

Semester -V

Team Climate & Company's Policy,

CO-1 Students will be able to maintain team climate

CO-2 Students will be able to keep Company's Policy

CO-3 Students will be able to handle Effective Communication.

Tax Compliance, Payroll Function,

CO-1 Students will be able to Tax Terminologies and Computations

CO-2 Students will be able to Tax Computational Documents

CO-3 Students will be able to Different Tax Liabilities.

Semester –VI

Advice Statements and PF,

CO-1 Students will be able to learn Salary Components

CO-2 Students will be able to learn Salary Register

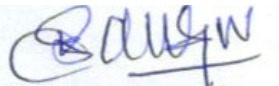
CO-3 Students will be able to keep Records of Employee

TAX on Salary,

CO-1 Students will be able to Net Salary Statement

CO-2 Students will be able to Summary Details

CO-3 Students will be able to Maintaining Records



Principal
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