

GURU KASHI UNIVERSITY



**Bachelor in Vocational Studies (Patient Care
Management)
B.Voc (PCM)**

**Session: 2024-25 Department of Paramedical
Sciences**

Programme Structure

| Semester: I | | | | | | | |
|--|--------------------|--|--------------------------|-----------|----------|-----------|-----------------------|
| Sr. No. | Course Code | Course Name | Type of course | L | T | P | No. Of Credits |
| 1 | BVP101 | Human anatomy and physiology-I | General | 4 | 0 | 0 | 4 |
| 2 | BVP102 | Personal care & Basic Nursing Procedures | General | 4 | 0 | 0 | 4 |
| 3 | BVP103 | Patient Care Record I | General | 4 | 0 | 0 | 4 |
| 4 | BVP104 | General English and soft skill | Compulsory foundation | 0 | 0 | 2 | 1 |
| 5 | BVP105 | Human anatomy and physiology-I Lab | Skill | 0 | 0 | 4 | 2 |
| 6 | BVP106 | Personal care & Basic Nursing Procedures Lab | Skill | 0 | 0 | 4 | 2 |
| 7 | BVP107 | Patient Care Record I Lab | Skill | 2 | 0 | 0 | 2 |
| 8 | BVP108 | Human Rights and Duties | Multidisciplinary | 3 | 0 | 0 | 3 |
| Disciplinary Elective-I (Anyone of the following) | | | | | | | |
| 9 | BVP109 | Biomedical Waste Management | Disciplinary Elective -I | 2 | 0 | 0 | 2 |
| 10 | BVP110 | Introduction to Quality and Patient safety. | | | | | |
| Total | | | | 19 | 0 | 10 | 24 |

| Semester: II | | | | | | | |
|--|--------------------|---|---------------------------|-----------|----------|-----------|-----------------------|
| Sr. No. | Course Code | Course Name | Type of course | L | T | P | No. Of Credits |
| 1 | BVP201 | Human anatomy and physiology II | Gen | 4 | 0 | 0 | 4 |
| 2 | BVP202 | Biomedical Waste Management-1 | Gen | 3 | 0 | 0 | 3 |
| 3 | BVP203 | Human anatomy and physiology II Lab | Skill | 0 | 0 | 4 | 2 |
| 4 | BVP204 | Biomedical Waste Management-1 Lab | Skill | 0 | 0 | 4 | 2 |
| 5 | BVP205 | Environmental Sciences | Compulsory foundation | 2 | 0 | 0 | 2 |
| 6 | BVP206 | First aid | Value Added Course | 2 | 0 | 0 | 2 |
| 7 | BVP299 | XXXX | MOOC | - | - | - | 3 |
| Disciplinary Elective-II (Anyone of the following) | | | | | | | |
| 8 | BVP207 | Health Education and Health Communication | Disciplinary Elective-II | 3 | 0 | 0 | 3 |
| 9 | BVP208 | Basic Fundamental of Computers | | | | | |
| Disciplinary Elective-III (Anyone of the following) | | | | | | | |
| 10 | BVP209 | Radiation Protection & Management | Disciplinary Elective-III | 3 | 0 | 0 | 3 |
| 11 | BVP210 | Medical Ethics | | | | | |
| Total | | | | 18 | 0 | 08 | 25 |

| Semester: III | | | | | | | |
|---|--------------------|--|-------------------------|-----------|----------|----------|-----------------------|
| Sr . No . | Course Code | Course Name | Type of course | L | T | P | No. Of Credits |
| 1 | BVP301 | Patient Care Record – II | Gen | 4 | 0 | 0 | 4 |
| 2 | BVP302 | Advanced Nursing Procedures | Gen | 4 | 0 | 0 | 4 |
| 3 | BVP303 | Patient Care Record – II Lab | Skill | 0 | 0 | 4 | 2 |
| 4 | BVP304 | Advanced Nursing Procedures Lab | Skill | 0 | 0 | 4 | 2 |
| 5 | BVP305 | Medical terminology and Record keeping | Elective Foundation | 3 | 0 | 0 | 3 |
| 6 | BVP399 | XXXX | MOOC | - | - | - | 3 |
| Disciplinary Elective-V(Anyone of the following) | | | | | | | |
| 7 | BVP306 | Disaster management | Disciplinary Elective-V | 3 | 0 | 0 | 3 |
| 8 | BVP307 | Cardiac care | | | | | |
| Open Elective Course | | | | | | | |
| 9 | BVP308 | XXXX | IDC | 2 | 0 | 0 | 2 |
| Total | | | | 16 | 0 | 8 | 23 |
| Open Elective Courses (for other Department) | | | | | | | |
| 10 | BVP309 | Introduction to Health care and Nutrition. | Open Elective | 2 | 0 | 0 | 2 |
| 11 | BVP310 | Introduction to Microbial Diseases: Causes, Prevention and Cure. | | | | | |

| Semester: IV | | | | | | | |
|---|--------------------|--|---------------------------|-----------|----------|----------|-----------------------|
| Sr. No. | Course Code | Course Name | Type of course | L | T | P | No. Of Credits |
| 1 | BVP401 | Health and Safety Regulation-1 | Gen | 4 | 0 | 4 | 4 |
| 2 | BVP402 | Health and fitness | Gen | 4 | 0 | 0 | 4 |
| 3 | BVP403 | Health and Safety Regulation-1 Lab | Skill | 0 | 0 | 4 | 2 |
| 4. | BVP404 | Human psychology | Multidisciplinary | 3 | 0 | 0 | 3 |
| 5 | BVP405 | Innovation, creativity and Entrepreneur mind set | Entrepreneurship skills | 2 | 0 | 0 | 2 |
| Value Added Course (for other discipline student also) | | | | | | | |
| 6 | BVP406 | Community medicine | VAC | 2 | 0 | 0 | 2 |
| Disciplinary Elective-V(Anyone of the following) | | | | | | | |
| 7 | BVP407 | Fundamentals of Nursing | Disciplinary Elective-V | 3 | 0 | 0 | 3 |
| 8 | BVP408 | Physics of Radiotherapy | | | | | |
| Disciplinary Elective-VI(Any one of the following) | | | | | | | |
| 9 | BVP409 | Physics of Imaging Modalities | Disciplinary Elective-VI | 3 | 0 | 0 | 3 |
| 10 | BVP410 | Biostatics | | | | | |
| Disciplinary Elective-VII(Anyone of the following) | | | | | | | |
| 11 | BVP411 | Patient Care and Hospital Administration | Disciplinary Elective-VII | 3 | 0 | 0 | 3 |
| 12 | BVP412 | Mentoring and professional development | | | | | |
| Total | | | | 21 | 0 | 4 | 26 |

| Semester: V | | | | | | | |
|---|--------------------|--------------------------------------|----------------------------|-----------|----------|----------|-----------------------|
| Sr. No. | Course Code | Course Name | Type of course | L | T | P | No. Of Credits |
| 1 | BVP501 | Personal Care -III | Gen | 4 | 0 | 0 | 4 |
| 2 | BVP502 | Advanced Nursing Procedures – II | Gen | 4 | 0 | 0 | 4 |
| 3 | BVP503 | Patient Care Record - III | Gen | 4 | 0 | 0 | 4 |
| 4 | BVP504 | Personal Care –III Lab | Skill | 0 | 0 | 4 | 2 |
| 5 | BVP505 | Advanced Nursing Procedures – II Lab | Skill | 0 | 0 | 4 | 2 |
| 6 | BVP506 | Research Methodology | AEC | 2 | 0 | 0 | 2 |
| 7 | BVP507 | Ultrasound Imaging | VAC | 2 | 0 | 0 | 2 |
| 8 | BVP508 | XXXX | MOOC | 0 | 0 | 0 | 3 |
| Disciplinary Elective-VIII (Anyone of the following) | | | | | | | |
| 9 | BVP509 | Medical Law and Ethics | Disciplinary Elective-VIII | 3 | 0 | 0 | 3 |
| 10 | BVP510 | Orientation in Clinical Sciences | | | | | |
| Total | | | | 19 | 0 | 8 | 26 |

| Semester: VI | | | | | | | |
|-------------------------|--------------------|---|-----------------------|----------|----------|----------|-----------------------|
| Sr. No. | Course Code | Course Name | Type of course | L | T | P | No. Of Credits |
| 1 | BVP601 | Industrial Training/Internship (6 months) | Skill Based | 0 | 0 | 0 | 20 |
| Total | | | | 0 | 0 | 0 | 20 |

Evaluation Criteria for Theory Courses

A. Continuous Assessment: [25 Marks]

CA1- Surprise Test (Two best out of three) (10

Marks) CA2- Assignment(s) (10 Marks)

CA3- Term paper/ Quiz/Presentation (05 Marks)

B. Attendance (05 Marks)

C. Mid-Semester Test: (30 Marks)

D. End-Semester Exam: (40 Marks)

Semester -1st

Course Title: Fundamental of Human Anatomy & Physiology-1

Course Code: BVPCM -101

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 4 | 0 | 0 | 4 |

Total Hours

60

Course Contents**UNIT-I**

- **Unit -1**

Terminology and General Plan of the Body, Body Parts and Areas, Terms of Location and Position, Body Cavities and Their Membranes, Dorsal cavity, Ventral cavity, Planes and Sections, Cells: Structure, function and location, Prokaryotic and eukaryotic cells, Cell organelles, Cell division.

- UNIT-2

Tissue, Types, Structure, Location and Function of Epithelial Tissue, Connective Tissue, Muscle Tissue, Nerve Tissue, Membranes, Glandular tissue The Integumentary System: structure and function of The Skin, Subcutaneous Tissue, Musculoskeletal System: Basic anatomy of important muscles and bones.

- UNIT-3

Cell physiology: Structure, membrane, transport across cell membrane, Active, Passive, Organization of the Body, Body Composition, Body Fluid Volumes and its measurement, Diffusion, Osmosis, Tonicity, Homeostasis

- UNIT-4

Blood-composition, function, cellular component & their function, haemoglobin & anaemia, blood groups and coagulation

Course Title: Personal care & Basic Nursing Procedures

Course Code: BVPCM 102

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 4 | 0 | 0 | 4 |

Total Hours

60

Course Contents

UNIT-1

Assistance in filling admission forms

Wearing Personal protection equipment (gloves and apron) Cleaning stools

Cleaning bed pans

Sponge Bathing and tub bathing (without supervision)

Cutting nails, combing hair, cleaning eyes, nose and ears of stable patient excluding operated patients

UNIT-2

Assistance in changing clothes of patients excluding surgical and orthopaedic patients Putting incontinence pads

Help in putting patients clothes in

laundry Preparing beds

Bed for special cases

Operating hospital beds and stretchers

UNIT-3

Assisting patients in transfer of patients from bed to stretcher and vice versa Assisting midwives to turn patient in bed

Weighing patients excluding surgical, orthopaedic and paediatric patients Serving meals

Emptying urine pots

Observing physiotherapist while

physiotherapy Chaperoning

UNIT--4

Porting of various samples including blood samples and

histopathology Cleaning thermometer

Discarding biomedical waste including empty IV bottles, needles, IV set and

intracath Fetching instruments including light torch, knee hammer, tape,

stethoscope, sphygmomanometer and Glucometer

Fetching dressing trolley

Fetching first aid kit

Course Title: **Patient Care Record I**

Course Code: BVPCM-103

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 4 | 0 | 0 | 4 |

Total Hours 60

UNIT-1

Writing down reading of vital parameters recorded by midwife or Healthcare

UNIT-2

Writing down BP reading from digital Sphygmomanometer

UNIT-3

Writing down O₂ saturation from oxymeter

UNIT-4

Writing down input and output of the patient under supervision of midwife

Course Title: Medical Ethics and Patients Care

Course Code: BVPCM-104

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 0 | 0 | 4 | 2 |

Total Hours

30

UNIT 1

Medical ethics - Definition - Goal - Scope
Introduction to Code of conduct

UNIT 2

Basic principles of medical ethics –Confidentiality
Malpractice and negligence - Rational and irrational drug therapy

UNIT 3

Autonomy and informed consent - Right of patients
Care of the terminally ill- Euthanasia

UNIT 4

Organ transplantation, Medico legal aspects of medical records –Medico legal case and type- Records and document related to MLC - ownership of medical records - Confidentiality Privilege communication - Release of medical information - Unauthorized disclosure - retention of medical records - other various aspects,Professional Indemnity insurance policy ,Development of standardized protocol to avoid near miss or sentinel events ,Obtaining an informed consent.

Course Title: Fundamental of Computers

Course Code: BVPCM -105

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 0 | 0 | 4 | 2 |

Total Hours

30

Unit-1

Introduction to Computers

History of Computer, Generations, Characteristics, Advantages and limitations of Computer, Classification of Computers, Functional Components of Computer, input, Output and Processing, Concept of Hardware and Software, Data & Information. Concept of data storage. Number system. Decimal, Binary, Hexadecimal ASCII.

UNIT-2

Introduction to GUI Based Operating System Basics of Operating system, Basics of DOS & LINUX, The User interface, File and directory management, Windows setting, Control Panel, devices and Printer setting, Using various window commands for desktop.

UNIT-3

Word Processing

Word processing basics, Menu Bar, Opening and closing documents, save & save as, Page setup, print preview, and printing. Text creation and manipulation Editing, cut copy paste. Document creation, editing, Formatting the text – Paragraph indenting, bullets and numbering, changing case, Table manipulation – creation of table, insertion and deletion of cell, row and column.

UNIT-4

Network basics, Internet Basics of computer network LAN, WAN etc, Concept of Internet, Basic of Internet Architecture, Services on Internet Architecture, World wide web and websites, Communication on Internet, Internet Services, Preparing Computer for Internet Access, ISPs and Examples, Internet Access Technologies. Web Browsing, configuring web browser, Popular search engines Downloading and printing web pages. Internet application Basics of E-mail, E- mail addressing, forwarding and searching, Composing

Course Title: **GENERAL ENGLISH AND SOFT SKILL**

Course Code: BVPCM-106-

| L | T | P | Cr. |
|---|---|---|-----|
| 0 | 0 | 4 | 2 |

Total Hours 30

Unit-1 Introduction to English language

- a. Role and significance of English language in the present scenario
- b. English language: its relevance for the Indian industry.
- c. Introduction to listening, speaking, reading, writing and bench marking of the class.

Unit 2: Grammar and usage

Verbs
 Determiners
 Active Voice and Passive Voice
 Tenses

Unit 3:

Letter writing & Notice Writing

Unit 4:

Précis and Report writing

Practical Knowledge

English communication Concept:

- a. About myself, my family and my friends
- b. Let's talk, making conversation, meeting and greeting
- c. My opinions, my likes and dislikes
- d. Life at collage, hostel and workplace: Conversation test

Course Title: PRACTICAL ANATOMY AND PHYSIOLOGY

Course Code: BVPCMP-101

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours

45

Human anatomy (practical)

Demonstration of

- Study of Human Skeleton parts with skeletal models.
- Study with charts and models of all organ systems mentioned above.
- Microscopic slides examination of elementary human tissues, cells.
- Major organs through models and permanent slides.
- Parts of circulatory system from models.
- Parts of respiratory system from models.
- Digestive system from models.
- Excretory system from models.

Human Physiology (Practical)

- To measure pulse rate
- To measure blood pressure
- To measure temperature
- Measurement of the Vital capacity
- Determination of blood groups
- Transport of food through esophagus
- Calculation and evaluation of daily energy and nutrient intake.
- Measurement of basal metabolic rate
- Demonstration of ECG
- Bile juice secretion and excretion 11. Urine formation and excretion
- Differential Leucocyte count by Peripheral blood smear.

Course Title: Personal care & Basic Nursing Procedures

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 3 | 0 | 0 | 3 |

Course Code: BVPCMP 102**Total Hours****45**DEMONSTRATION OF:

- Cleaning bed pans
- Sponge Bathing and tub bathing (without supervision)
- Cutting nails, combing hair, cleaning eyes, nose and ears of stable patient excluding operated patients
- Assistance in changing clothes of patients excluding surgical and orthopaedic patients
- Putting incontinence pads
- Help in putting patients clothes in laundry
- Preparing beds
- Bed for special cases
- Operating hospital beds and stretchers
- Assisting patients in transfer of patients from bed to stretcher and vice versa
- Assisting midwives or B. Voc. PCM to turn patient in bed
- Weighing patients excluding surgical, orthopedic and pediatric patients

Course Title: Patient Care Record I
Course Code: BVPCMP 103

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours

45

- Writing down reading of vital parameters recorded by midwife or Healthcare B. Voc.
- Writing down BP reading from digital Sphygmomanometer
- Writing down O2 saturation from oxymeter
- Writing down input and output of the patient under supervision of midwife or B. Voc. PCM

Course Title: PRACTICAL FUNDAMENTALS OF COMPUTER
Course Code: BVPCMP 105

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours

45

- Starting MS WORD, Creating and formatting a document,
- Changing fonts and point size,
- Table Creation and operations, Autocorrect, Auto text, spell Check, Word Art, Inserting
- objects, Page setup, Page Preview, Printing a document, Mail Merge.
- Starting Excel, Work sheet, cell inserting Data into Rows/ Columns, Alignment, Text
- wrapping , Sorting data, Auto Sum, Use of functions, referencing formula cells in other
- formulae , Naming cells, Generating graphs, Worksheet data and charts with WORD, Creating
- Hyperlink to a WORD document , Page set up, Print Preview, Printing Worksheets.
- Starting MS–Power Point,, Creating a presentation using auto content Wizard, Blank
- Presentation, creating, saving and printing a presentation, Adding a slide to presentation,
- Navigating through a presentation, slide sorter, slide show, editing slides, Using Clipart, Word

- art gallery, Adding Transition and Animation effects, setting timings for slide show, preparing
- note pages, preparing audience handouts, printing presentation documents, MS-Access,
- Creating tables and database, Internet, Use of Internet (Mailing, Browsing, Surfing)

Semester 2nd

Course Title: HUMAN ANATOMY AND PHYSIOLOGY II

Course Code: BVPCM- 201

| L | T | P | Cr. |
|---|---|---|-----|
| 4 | 0 | 0 | 4 |

Total Hours

60

UNIT-1

Cardiovascular system: Basic anatomy of heart and important blood vessels Brief introduction about Lymphatic System, The Nervous System: Basic anatomy of brain and spinal cord, meninges and cerebrospinal fluid, Cranial, Endocrine System: Brief anatomy of Pituitary, Thyroid, Parathyroid, Pancreas, Adrenal, Special Senses: Basic anatomy of eye, ear and nose

UNIT-2

Genitourinary system: Basic anatomy of kidney and associated organs, male reproductive organs, female reproductive organs, Respiratory system: Basic anatomy of nose, larynx, trachea, bronchi and lung, Digestive system: basic anatomy of esophagus, stomach, small intestine, large intestine, liver, gall bladder, pancreas

UNIT-3

Cardiovascular system-general arrange, heart, arteries, veins and capillaries, heart structure and function, cardiac cycle, heart sounds, heart rate, blood pressure, mechanism of circulation, definition of hypertension & shock ,Respiratory system: parts of respiratory system, mechanism of respiration, pulmonary function, pulmonary circulation, lungs volume, Gas transport between lungs and tissues, Definition of hypoxia, dyspnoea, cyanosis, asphyxia and obstructive airways diseases Unit, Gastrointestinal physiology: Organs of GIT and their structure & function, secretion, digestion, absorption and assimilation, gastrointestinal hormones, physiology of digestion of carbohydrates, proteins & lipids, Structure & function of liver, spleen, gall bladder & pancreas, Jaundice, Cirrhosis & Pancreatitis.

UNIT-4

Excretory System: Kidneys, Nephron, Mechanism of Excretion, Urine formation (Glomerular filtration and Tubular reabsorption) , Electrolytes: their balances and imbalances Introduction of acidosis and alkalosis , Muscle nerve physiology, types of

muscles, their gross structural and functional difference with reference to properties ,Nervous system- general organization of CNS, function of important structure and spinal cord, neuron, nerve impulse, type of nerves according to function, Autonomic nervous system organization & function Special senses-general organization & functions, Endocrine System: Brief introduction about endocrine glands and their secretion, common endocrinological disorder such as diabetes mellitus, hyper & hypothyroidism, dwarfism, gigantism, tetany. Reproductive System:

male & female reproductive organs, sex hormones, secondary sexual characteristics, puberty, spermatogenesis, oogenesis, menstrual cycle, pregnancy, menopause, contraceptive measures.

Course Title: **BIOMEDICAL WASTE MANAGEMENT-I**

Course Code: BVPCM-202

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 4 | 0 | 0 | 4 |

Total Hours 60

UNIT-1

Introduction to bio medical waste management: definition of bio medical waste management, hazards of bio medical waste and its management, infection control, principles of bio medical waste management.

UNIT-2

Categories of BMW: Different waste category, different types of waste, to manage bio medical waste in the work place, disposal of laboratory waste.

UNIT-3

Color coding: Use of different colors of bags, describe waste management in hospital, need for bio medical waste, history of bio medical waste, problems associated with BMW, waste treatment.

UNIT-4

Bio safety: components of safety in Operation Theater, personal protective equipments, cleaning and disinfecting medical equipments, sterilization basic care of OT.

Course Title: Bladder & Bowel Evacuation and Sampling

| L | T | P | Cr. |
|---|---|---|-----|
| 0 | 0 | 4 | 2 |

Course Code: BVPCM-203

Total Hours 30

UNIT-1

proper collection and sampling.

UNIT-2

Collection of stool and urine samples

UNIT-3

Providing correct bottles for histopathology samples

UNIT-4

Providing correct bottles for Culture and sensitivity

Course Title: -Patient Ambulance and Handling -1

Course Code: BVPCM-204

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 0 | 0 | 4 | 2 |

Total Hours 30

UNIT-1

Supporting physiotherapist

Adjusting hospital beds under supervision

UNIT-2

Assisting midwife or B. Voc. PCM in turning of the patient
Accompanying patient with limited walking ability

Course Title: WOUND CARE

Course Code: BVPCM-205-

| L | T | P | Cr. |
|---|---|---|-----|
| 0 | 0 | 4 | 2 |

Total Hours 30

UNIT-1

Identifying and tending bed sores

Setting up dressing trolley for major dressing procedure

UNIT-2

Assisting in minor and major dressing

Able to give first aid without supervision

Course Title: **BASIC OF HEALTH MARKET AND ECONOMY**

Course Code: **BVPCM-206**

| L | T | P | Cr. |
|---|---|---|-----|
| 2 | 0 | 0 | 2 |

Total Hours

45

Unit I

Health Care Market An Introduction : Main Problems in the Market for Health Care, Health Care and

Economic Basics, Analyzing Health Care Markets. Demand-Side Considerations: Demand for Health

and Health Care, Market for Health Insurance

Unit II

Supply-Side Considerations: Managed Care, Health Care Professionals, Hospital Services,

Confounding Factors Public Policy in Medical Care: Policies to Enhance Access, Policies to Contain

Costs, Medical Care Systems Worldwide,

UNIT-III

Health Sector in India: An Overview Health Outcomes; Health Systems; Health Financing

Evaluation of Health Programs Costing, Cost Effectiveness and Cost-Benefit Analysis; Burden of

Diseases ,Role of WHO , Health Care Budget: purpose, types & practices in Indian context.

UNIT-IV

Health Economics: Fundamentals of Economics: Scope & coverage of Health Economics, demand for

Health Sciences; Health as an investment, population, Health & Economic Development. Tools of Economics-Concepts of need, demand, supply & price in Health Services. Methods & Techniques of Economic Evaluation of Health Programmes: Cost benefit & cost effective methods-output & input analysis.

Market, monopoly, perfect & imperfect competition. Health Financing from various sources –

Public , Private, TPA.

Economics of Health Programmes for Nutrition, diet & population control, economics of abuse of tobacco & alcohol, environmental influences on health and feeding. Economics of Communicable (STDs & Malaria) & non-communicable (IHD & Cancers) diseases.

Course Title: Practical Human Anatomy & Physiology-II

Course Code: BVPCMP-201

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 3 | 0 | 0 | 3 |

Total Hours 45

Human Anatomy-II (Practical)

Demonstration of:

- Nervous system from models.
- Structure of eye and ear
- Structural differences between skeletal, smooth and cardiac muscles.
- Various bones
- Various joints
- Various parts of male & female reproductive system from models

Human Physiology- II (Practical)

- To perform total platelet count.
- To perform bleeding time.
- To perform clotting time.
- To study about CSF examination.
- To study about intrauterine contraceptive devices.
- To demonstrate microscopic structure of bones with permanent slides. To demonstrate microscopic structure of muscles with permanent slides.

Course Title: BIOMEDICAL WASTE MANAGEMENT-I

Course Code: BVPCMP-202

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours 45

- Proper disposal of urine and stools Categorizing biomedical waste
- Categorizing biomedical waste
- Proper disposal of urine and stools Categorizing biomedical waste
- Categorizing biomedical waste

Course Title: Bladder & Bowel Evacuation and Sampling

Course Code: BVPCMP-203

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours 45

- Collection of stool and urine samples
- Providing correct bottles for histopathology samples
- Providing correct bottles for Culture and sensitivity
- Identification of bed sore
- Assisting in minor dressing
- Ability to give first aid without supervision

Course Title: Patient Ambulance and Handling 1

Course Code: BVPCMP-204-

| L | T | P | Cr. |
|---|---|---|-----|
| 2 | 0 | 0 | 2 |

Total Hours

45

- Assisting midwife in turning of the patient
- Supporting physiotherapist
- Adjusting hospital beds under supervision
- Accompanying patient with limited walking ability

Course Title: -WOUND CARE

Course Code: BVPCMP-205

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours: 45

DEMONSTRATION OF:

- Identifying and tending bed sores
- Setting up dressing trolley for major dressing procedure
- Assisting in minor and major dressing
- Able to give first aid without supervision

Semester 3rd**Course Title: :** Personal Care II**Course Code:** BVPCM-301-

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 4 | 0 | 0 | 4 |

Total Hours 60**UNIT-1**

Assistance in filling admission forms

Wearing Personal protection equipment (gloves and apron) Cleaning stools

Cleaning bed pans

UNIT-1

Sponge Bathing and tub bathing (without supervision)

Cutting nails, combing hair, cleaning eyes, nose and ears of stable patient excluding operated patients

UNIT-4

Assistance in changing clothes of patients excluding surgical and orthopaedic patients Putting incontinence pads

Help in putting patients clothes in laundry

Course Title: : -Patient Care Record -II

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 4 | 0 | 0 | 4 |

Course Code: BVPCM-302

60

Total Hours

UNIT-1

Recording and Writing down reading of vital parameters including pulse, R/R and temperature Recording and Writing down BP reading from digital

Sphygmomanometer

UNIT-2

Writing down O₂ saturation from oxymeter

Writing down input and output of the patient without supervision of midwife

UNIT-3

Weighing and recording patients including paediatric and surgical and excluding orthopaedic.

Course Title: -Advanced Nursing Procedures

Course Code: BVPCM-303

| L | T | P | Cr. |
|---|---|---|-----|
| 0 | 0 | 4 | 2 |

Total Hours: 30

UNIT-1

Preparing beds

Bed for special cases

Operating hospital beds and stretchers

UNIT-2

Assisting patients in transfer of patients from bed to stretcher and

vice versa Assisting midwives to turn patient in bed

Weighing patients excluding surgical, orthopaedic and paediatric

patients Serving meals

UNIT-3

Emptying urine pots

Observing physiotherapist while

physiotherapy Chaperoning

Porting of various samples including blood samples and

histopathology Cleaning thermometer

Discarding biomedical waste including empty intra-venous (IV) bottles, needles, intra-venous set and intracath

Fetching instruments including light torch, knee hammer, tape,

stethoscope, sphygmomanometer and Glucometer

UNIT-4

Fetching dressing trolley

Fetching first aid kit

Use of three ways

Assisting midwife in establishing intracath and

catheter Assisting midwife in establishing catheter

Stabilising intracath and catheter after establishing by midwife

Course Title: Cardiac Care-1

Course Code: BVPCM-304-

| L | T | P | Cr. |
|---|---|---|-----|
| 0 | 0 | 4 | 2 |

Total Hours: 30

UNIT-1

Fetch portable ECG

machine Observe ECG

procedure

Identifying various equipment in ICU

UNIT-2

Perform ECG under supervision

Oxygen delivery system Prepare patient for ECG

Course Title: Medical -ADVANCE COMPUTING SKILL**Course Code: BVPCM-305**

| L | T | P | Cr. |
|---|---|---|-----|
| 4 | 0 | 0 | 4 |

Total Hours:**60**

Unit-1

Advance Word Processing Tools

Setting the layout of Table and documents, Mail merge techniques. Letter envelopes etc.

Using spell check and Thesaurus, Foot note and Endnotes, Using Charts, shapes and pictures in Word.

Unit-2

Basics of Spreadsheet

Functions of Spreadsheet, Applications, Elements of Electronic Spread sheet, creating Document saving and printing the worksheet, manipulation of cells, Functions and charts, using Formulas, Functions and charts

UNIT-3

Advance Spreadsheet Tools

Manipulations with charts and its types, Sorting, Filtering of data, Pivot table, data validation Techniques. Grouping and subtotaling of data. Text to column option. Printing of customized Worksheet.

UNIT-4

Presentation Software

Using PowerPoint, Opening an PowerPoint presentation, Saving a presentation, Entering and editing text, inserting and deleting slides in a presentations , preparation of slides , adding clip arts, charts etc., Providing Aesthetics , Enhancing text presentation ,working with color lines styles and movie and sound ,adding header and footer, presentation.

Course Title -HUMAN VALUE AND PROFESSIONAL ETHICS

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Course Code: BVPCM-306**Total Hours: 45****UNIT-1**

Need, Basic Guidelines, Content and Process
for Value Education

Understanding the need, basic guidelines, content and process for Value Education

Self-Exploration its content and process, Natural Acceptance' and Experiential
Validation- as the mechanism for self-exploration

Continuous Happiness and Prosperity- A look at basic Human Aspirations

Right understanding, Relationship and Physical Facilities- the basic requirements for
fulfilment of

aspirations of every human being with their correct priority

Understanding Happiness and Prosperity correctly- A critical appraisal of the
current scenario Method to fulfil the above human aspirations: understanding and
living in harmony at various levels

UNIT 2:

Understanding Harmony in the Human Being
Understanding human being Understanding the Body as an instrument

Understanding the harmony of Body, correct appraisal of Physical needs, meaning of
Prosperity in detail

UNIT 3:

Understanding Harmony in the Family and
Society- Harmony in Human Relationship

Understanding Harmony in the family – the basic unit of human
interaction Understanding values in human-human relationship

Trust and Respect as the foundational values of
relationship Understanding the meaning of trust

Difference between intention and competence. Understanding the meaning of
respect Understanding the harmony in the society (society being an
extension of family)

UNIT-4

Natural acceptance of human values
Definitiveness of Ethical Human Conduct

Basis for Humanistic Education, Humanistic Constitution and Humanistic
Universal Order Competence in professional ethics:

- a. Ability to utilize the professional competence for augmenting universal human order
- b. Ability to identify the scope and characteristics of people-friendly and eco-friendly production systems,
- c. Ability to identify and develop appropriate technologies and management patterns for

above production systems.

Case studies of typical holistic technologies, management models and production systems Strategy for transition from the present state to Universal Human Order:

- a. At the level of individual: as socially and ecologically responsible engineers, technologists and managers
- b. At the level of society: as mutually enriching institutions and organizations.

Course Title: Personal Care II

Course Code: BVPCMP-301-

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours: 45

DEMONSTRATION OF:

- Assistance in filling admission forms
- Wearing Personal protection equipment (gloves and apron)
- Cleaning stools
- Cleaning bed pans
- Sponge Bathing and tub bathing (without supervision)
- Cutting nails, combing hair, cleaning eyes, nose and ears of stable patient excluding operated patients

Course Title: -Patient Care Record -II

Course Code: BVPCMP-302

| B.Voc | | | |
|-------|---|---|-----|
| L | T | P | Cr. |
| 2 | 0 | 0 | 2 |

Total Hours: 30

DEMONSTRATION OF:

- Stabilising intracath and catheter after establishing by midwife / B. Voc. PCM
- Recording and Writing down reading of vital parameters including pulse, R/R and temperature
- Recording and Writing down BP reading from digital Sphygmomanometer
- Writing down O2 saturation from oxymeter
- Writing down input and output of the patient without supervision of midwife
- Weighing and recording patients including paediatric and surgical and excluding orthopaedic

Course Title: Advanced Nursing Procedures

Course Code: BVPCMP-303-

| L | T | P | Cr. |
|---|---|---|-----|
| 2 | 0 | 0 | 2 |

Total Hours: 30

DEMONSTRATION OF:

- Help in putting patients clothes in laundry
- Preparing beds
- Bed for special cases
- Operating hospital beds and stretchers
- Assisting patients in transfer of patients from bed to stretcher and vice versa
- Assisting midwives or B. Voc... PCM to turn patient in bed
- Weighing patients excluding surgical, orthopaedic and paediatric patients
- Fetching dressing trolley
- Fetching first aid kit
- Use of three ways
- Assisting midwife in establishing intracath and catheter
- Assisting midwife in establishing catheter

Course Title: cardiac care-1

Course Code: BVPCMP-304-

| L | T | P | Cr. |
|---|---|---|-----|
| 4 | 0 | 0 | 4 |

Total Hours: 60

DEMONSTRATION OF:

- Fetch portable ECG machine
- Observe ECG procedure
- Able to attach chest and limb leads for ECG procedure
- Attach nasal catheter and oxygen mask
- Regulate oxygen flow according the instructions of the treating physicians
- Perform ECG under supervision

Course Title: - Practical Advance Computing skills

Course Code: 305-BVPCMP

| L | T | P | Cr. |
|---|---|---|-----|
| 4 | 0 | 0 | 4 |

Total Hours: 60

- Word Processing
- Mail merge techniques
- Using Charts , shapes and pictures in word .
- Basics of Spreadsheet
- document saving and printing the worksheet

- formulas , Functions and charts
- Advance Spreadsheet Tools
- worksheet.
- Presentation Software
- Using Powerpoint working with color lines
- styles and movie and sound ,presentations.

Semester 4th**Course Title :** Patient Ambulance and Handling -II**Course Code:** BVPCM-401-

| L | T | P | Cr. |
|---|---|---|-----|
| 4 | 0 | 0 | 4 |

Total Hours: 60**UNIT-1**

Assisting midwife in turning of the patient

Supporting physiotherapist

UNIT-2

Adjusting hospital beds under supervision

UNIT-3

Accompanying and assisting with limited ability to walk

patients Assisting in lifting of the patients.

Course Title : Bladder & Bowel Evacuation and Sampling-II**Course Code:** BVPCM-402-

| L | T | P | Cr. |
|---|---|---|-----|
| 0 | 0 | 4 | 2 |

Total Hours: 30**UNIT-1**

Collection of stool and urine samples

Providing correct bottles for histopathology samples

UNIT-2

Providing correct bottles for Culture and

sensitivity Assisting in administering enema

UNIT-3

Assisting in manual removal of faeces

Course Title: Health and Safety Regulation-I

Course Code: BVPCM-403-

| L | T | P | Cr. |
|---|---|---|-----|
| 0 | 0 | 4 | 2 |

Total Hours:

30

UNIT-1

Define and describe emergency protocols

List emergencies

List emergency protocols

UNIT-2

Define Asepsis

Define nosocomial infection

UNIT-3

Enlist minimum 4 measures to reduce nosocomial

infections Define and describe hospital conduct

Course Title: *Store Keeping*

Course Code: *BVPCM-404-*

Total Hours: 30

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 2 | 0 | 0 | 2 |

UNIT-1

Stocking of medicines and consumables

Maintaining medicine records under

supervision

UNIT-2

X-ray handling and storage

Advising others regarding handling, storage and recording

medications Importance of storekeeping and maintaining records

Course Title: HEALTH AND FITNESS

Course Code: BVPCM-405-

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 2 | 0 | 0 | 2 |

Total Hours: 30

UNIT-1

Personal Health, Nutrition, and Fitness

Your Lifestyle and Your Health

Your Role in Maintaining Your Health

Guidelines for a Healthy Diet

Dietary Guidelines and Nutritional Facts

Nutrition and Chronic Diseases

Individual Caloric and Nutritional Needs

Benefits of Physical Activity

UNIT-2

Preventing Disease and Injury

Immunity and Preventing Disease

Lifesaving and Emergency Care Procedures

Strategies for Preventing Accidents

UNIT-3

Growth, Development, and Sexuality

Human Reproduction and Development

Benefits of Healthy Sexual Practices

Peer Pressure and Sexual Activity

Family Planning Strategies

UNIT-4

Substance Abuse

Health Effects of Using Alcohol, Tobacco, and Other Drugs

Harmful Effects of Dietary Supplements and Anabolic

Steroids Effects of Medicines and Illegal Substances

Peer Pressure Substance Abuse

Course Title : Advance communication and soft skill

Course Code: BVPCM-406-

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours: 45

-

UNIT-1

Functional Grammar-II

- a. Application writing
- b. Paragraph writing, essay writing and précis writing
- c. Pre-testing of oral and writing skills

UNIT-2

Professional Skills

- a. Biodata, CV and resume writing
- b. Joining letter, cover letter and resignation letter
- c. Inter- office memo, formal Business letter, informal notes
- d. Minutes of the meeting, reporting events, summary writing

UNIT-3

Presentation skills

- a. Power-point presentations and presenting techniques
- b. Body language
- c. Describing people, places and events
- d. Extempore, speech and just- a minute sessions

UNIT-4

Interview skills

- a. Developing skills to- debate, discussion, basics of GD and styles of GD
- b. Discussion in groups and group discussion on current issues
- c. Steps to prepare for an interview and mock interviews Public speaking
 - a. Art of public speaking
 - b. Welcome speech
 - c. Farewell speech

d. Votes of thanks

Oral practice

a. Debate

b. Just-a-minute

c. Group discussion

d. Mock interviews

Course Title: Patient Ambulance and Handling -II

Course Code: BVPCMP-401-

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours: 45

DEMONSTRATION OF:

- Assisting midwife in turning of the patient
- Supporting physiotherapist
- Adjusting hospital beds under supervision
- Accompanying and assisting with limited ability to walk patients
- Assisting in lifting of the patients
- Proper disposal of urine and stools

Course Title: Bladder & Bowel Evacuation and Sampling-II

Course Code: BVPCMP-402-

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours: 45

DEMONSTRATION OF:

- Collection of stool and urine samples
- Providing correct bottles for histopathology samples
- Providing correct bottles for Culture and sensitivity
- Assisting in administering enema
- Assisting in manual removal of faeces

Course Title: Health and Safety Regulation-I

Course Code: BVPCMP-403-

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours: 45

DEMONSTRATION OF:

- Awareness regarding emergency protocols
- Awareness of aseptic measures to reduce nosocomial infections
- Awareness of hospital code of conduct

Course Title: *Store Keeping*

Course Code: *BVPCMP-404*

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours: 45

Demonstration:

- Stocking of medicines and consumables
- Maintaining medicine records under supervision
- X-ray handling and storage

Course Title: **PRACTICAL HEALTH AND FITNESS**

Course Code: *BVPCMP-405*

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours: 45

DEMONSTRATION OF:

- Personal Health
- Dietary Guidelines
- Substance Abuse
- Health Effects of Using Alcohol, Tobacco, and Other Drugs
- Effects of Medicines and Illegal Substances

Semester 5th**Course Title: Cross Personal Care -III****Course Code: BVPCM-501**

| L | T | P | Cr. |
|---|---|---|-----|
| 4 | 0 | 0 | 4 |

Total Hours:**60****UNIT-1**

Cleaning stools

Cleaning bed pans

Sponge Bathing and tub bathing (without supervision)

UNIT-2Cutting nails, combing hair, cleaning eyes, nose and ears of stable patient
excluding operated patients

Assistance in changing clothes of patients excluding surgical and orthopaedic patients

UNIT-3

Putting incontinence pads

Help in putting patients clothes in
laundry Assist in breast feeding**Course Title: -Advanced Nursing Procedures – II****Course Code: BVPCM-502**

| L | T | P | Cr. |
|---|---|---|-----|
| 4 | 0 | 0 | 4 |

Total Hours:**60****UNIT-1**

Preparing beds

Bed for special cases

Operating hospital beds and stretchers

Assisting patients in transfer of patients from bed to stretcher and
vice versa Assisting midwives or B. Voc. PCM to turn patient in bedWeighing patients excluding surgical, orthopaedic and paediatric
patients Serving meals**UNIT-2**

Emptying urine pots

Observing physiotherapist while
physiotherapy Chaperoning

Porting of various samples including blood samples and

histopathology Cleaning thermometer

UNIT-3

Discarding biomedical waste including empty intra-venous (IV) bottles, needles, intra- venous(IV) set and intracath

Fetching instruments including light torch, knee hammer, tape, stethoscope, sphygmomanometer and Glucometer

Fetching dressing trolley

Fetching first aid kit

Use of three ways

Assisting midwife in establishing intracath Establish intracath

UNIT-4

Assisting midwife in establishing catheter

Establish catheter

Stabilising intracath and catheter after establishing by midwife / B.

Voc. PCM Regulating IV flow rate according to the instructions of the consultant

Performing random BSL on glucometers (preferably under supervision) and explaining the test results

Performing urine dip sticks for albumin and glucose

Course Title: *Patient Care Record -III*

Course Code: *BVPCM-503*

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 4 | 0 | 0 | 4 |

Total Hours:

60

UNIT-1

Recording and Writing down reading of vital parameters including pulse, R/R and temperature Recording and Writing down BP reading from digital and mercury Sphygmomanometer

UNIT-2

Writing down O2 saturation from oxymeter

Writing down input and output of the patient without supervision of midwife

UNIT-3

Weighing and recording patients including paediatric and surgical and excluding orthopaedic

Course Title: cardiac care-II

Course Code: BVPCM-504

| L | T | P | Cr. |
|---|---|---|-----|
| 0 | 0 | 4 | 2 |

Total Hours:

30

- UNIT-1

Set up of ECG machine Basic
reading of ECG strips

UNIT-2

Able to attach chest and limb leads for ECG
procedure Perform ECG without supervision

UNIT-3

Attach nasal catheter and oxygen mask

Regulate oxygen flow according the instructions of the treating physicians

Course Title: **DIGITAL LITERACY & ACCOUNT LITRACY**

| L | T | P | Cr. |
|---|---|---|-----|
| 0 | 0 | 4 | 2 |

Course Code: BVPCM-505

Total Hours: 30

UNIT-1

Review of MS office Advance
options in MS excel Excel
Power point

Introduction to internet learning platform

Using internet-based learning platform

Using google and you tube for learning

Using smart phone to become smart

UNIT-2

Benefits of digital learning

Using internet for personal requirement
Online payments method
Use of social media for advisement
Digital security and privacy
Various cybercrime and their safety guideline

Best practice for securing online and network
transaction Managing privacy and security and social
media accounts

UNIT-3

Introduction and basic of financial planning

Concept of time and value of money
Risk and return

Myths about easy money

Financial planning with examples

Introduction to financial market and institution investment option in
post office Sources of finance

Capital market basics

Basic of money market

Mutual funds

UNIT-4

Life insurance

General insurance

Types of banks KYC

Function of commercial banks and RBI and its function
 Deposite accounts-understanding of operation
 Retail finance
 Personal loan
 Corporate banking
 Cheque collecting services
 Payments modes in banking system

Course Title: Introduction to National Healthcare System
Course Code: BVPCM-506

| L | T | P | Cr. |
|---|---|---|-----|
| 0 | 0 | | 2 |

Total Hours: 30 -

UNIT-1

1. Introduction to healthcare delivery system

- a. Healthcare delivery system in India at primary, secondary and tertiary care
- b. Community participation in healthcare delivery system
- c. Health system in developed countries.
- d. Private Sector
- e. National Health Mission
- f. National Health Policy
- g. Issues in Health Care Delivery System in India

UNIT-2

2. National Health Programme- Background objectives, action plan, targets, operations, achievements and constraints in various National Health Programme.

UNIT-3

3. Introduction to AYUSH system of medicine
 - a. Introduction to Ayurveda.
 - b. Yoga and Naturopathy
 - c. Unani
 - d. Siddha
 - e. Homeopathy
 - f. Need for integration of various system of medicine

UNIT-4

4. Health scenario of India- past, present and future Demography & Vital Statistics-

- a. Demography – its concept
 - b. Vital events of life & its impact on demography
 - c. Significance and recording of vital statistics
 - d. Census & its impact on health policy
6. Epidemiology
 - a. Principles of Epidemiology
 - b. Natural History of disease
 - c. Methods of Epidemiological studies
 - d. Epidemiology of communicable & non-communicable diseases, disease transmission, host defense immunizing agents, cold chain, immunization, disease monitoring and surveillance.

Course Title: *-Personal Care -III*

Course Code: *BVPCMP-501*

Total Hours: 30

| L | T | P | Cr. |
|---|---|---|-----|
| | | | |
| 2 | 0 | 0 | 2 |

DEMONSTRATION OF:

- Assistance in filling admission forms
- Wearing Personal protection equipment (gloves and apron)
- Cleaning stools
- Cleaning bed pans
- Sponge Bathing and tub bathing (without supervision)
- Cutting nails, combing hair, cleaning eyes, nose and ears of stable patient excluding operated patients
- Assistance in changing clothes of patients excluding surgical and orthopaedic patients
- Putting incontinence pads
- Help in putting patients clothes in laundry
- Assist in breast feeding

Course Title: -Advanced Nursing Procedures – II

Course Code: BVPCMP-502

Total Hours: 30

| L | T | P | Cr. |
|---|---|---|-----|
| 2 | 0 | 0 | 2 |

DEMONSTRATION OF:

- Preparing beds
- Bed for special cases
- Operating hospital beds and stretchers
- Assisting patients in transfer of patients from bed to stretcher and vice versa
- Assisting midwives to turn patient in bed
- Porting of various samples including blood samples and histopathology
- sphygmomanometer and Glucometer
- Fetching dressing trolley
- Fetching first aid kit
- Use of three ways
- Assisting midwife in establishing intracath
- Establish intracath
- Assisting midwife in establishing catheter

Course Title: -Patient Care Record -III

Course Code: BVPCMP-503

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours: 45

DEMONSTRATION OF:

- Recording and Writing down reading of vital parameters including pulse, R/R and temperature
- Recording and Writing down BP reading from digital and mercury Sphygmomanometer
- Writing down O2 saturation from oxymeter
- Writing down input and output of the patient without supervision of midwife
- Weighing and recording patients including paediatric and surgical and excluding orthopaedic
- Stocking of medicines and consumables
- Maintaining medicine records without supervision.

Course Title: -- cardiac care-2

Course Code: BVPCMP-504

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours: 45

DEMONSTRATION OF:

- Able to attach chest and limb leads for ECG procedure
- Perform ECG independently
- Attach nasal catheter and oxygen mask
- Regulate oxygen flow according the instructions of the treating physicians
- Identifying various equipment in ICU
- Fetch portable ECG machine
- Able to attach chest and limb leads for ECG procedure
- Attach nasal catheter and oxygen mask
- Regulate oxygen flow according the instructions of the treating physicians

Course Title: Practical Digital Literacy and Account Literacy

Course Code: BVPCMP-505

| L | T | P | Cr. |
|---|---|---|-----|
| 3 | 0 | 0 | 3 |

Total Hours: 45

Uses Advance options in MS excel
Excel

Power point

Using internet-based learning platform
Using google and you tube for learning
Using smart phone to become smart
Using internet for personal requirement
Online payments method
Use of social media for advisement

Semester**6th***Course Title:* **BIOMEDICAL WASTE MANAGEMENT II****Course Code:** BVPCM-601**Total Hours: 30**

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 2 | 0 | 0 | 2 |

UNIT-1

Discuss importance of PPE

Describe steps for proper disposal of urine and stool
Categorize biomedical waste

Identifying biomedical waste bags

UNIT-2

Dispose urine and stools

Define biomedical waste

Dispose biomedical waste in proper waste bags

Describe the importance of proper disposal of biomedical waste

Course Title: **Health and Safety Regulation II****Course Code:** BVPCM -602**Total Hours: 30**

| L | T | P | Cr. |
|----------|----------|----------|------------|
| 2 | 0 | 0 | 2 |

UNIT-1

Emergency protocol

Hospital code of conduct

UNIT-2

Nosocomial infections

Awareness regarding emergency protocols

UNIT-3

Awareness of aseptic measures to reduce nosocomial

infections Awareness of hospital code of conduct

Course Title: BIOMEDICAL WASTE MANAGEMENT II

Course Code: BVPCMP-601

Total Hours: 30

| L | T | P | Cr. |
|---|---|---|-----|
| 2 | 0 | 0 | 2 |

DEMONSTRATION OF:

importance of PPE

steps for proper disposal of urine and stool

Dispose urine and stools

Categorize biomedical waste

Identifying biomedical waste bags

Course Title: Health and Safety Regulation II

Course Code: BVPCMP -602

Total Hours: 30

| L | T | P | Cr. |
|---|---|---|-----|
| 2 | 0 | 0 | 2 |

DEMONSTRATION OF:

- Emergency protocol
- Hospital code of conduct
- Nosocomial infections