

 <p>शिवाजी विद्यापीठ कोल्हापूर ज्ञानमेवामृतम्</p> <p>Estd. 1962 "A++" Accredited by NAAC (2021) With CGPA 3.52</p>	<p><b>SHIVAJI UNIVERSITY, KOLHAPUR</b> 416 004, MAHARASHTRA PHONE : EPABX - 2609000, BOS Section - 0231-2609094, 2609487 Web : <a href="http://www.unishivaji.ac.in">www.unishivaji.ac.in</a> Email: <a href="mailto:bos@unishivaji.ac.in">bos@unishivaji.ac.in</a> शिवाजी विद्यापीठ, कोल्हापूर, ४१६ ००४, महाराष्ट्र दूरध्वनी - इपीबीएक्स - २०६०९०००, अभ्यासमंडळे विभाग : ०२३१- २६०९०९४, २६०९४८७ वेबसाईट : <a href="http://www.unishivaji.ac.in">www.unishivaji.ac.in</a> ईमेल : <a href="mailto:bos@unishivaji.ac.in">bos@unishivaji.ac.in</a></p>		
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Ref.: SU/BOS/ IDS /564

Date: 18 - 09- 2025

To,

The Principal,  
All Concerned Affiliated Colleges/Institutions  
Shivaji University, Kolhapur

**Subject :** Regarding revised syllabi of **B. Voc. Part I (Sem. I & II)** degree programme under the Faculty of Inter- Disciplinary Studies as per NEP-2020 (2.0).

Sir/Madam,

With reference to the subject mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the revised syllabi, nature of question paper and equivalence of **B. Voc. Part I (Sem. I & II)** for follower's degree programme under the Faculty of Inter- Disciplinary Studies as per National Education Policy, 2020 (NEP 2.0).

Course
B. Voc. Automobile Part - I
B. Voc. Sustainable Agriculture Part - I
B. Voc. Food Processing Technology Part - I
B. Voc. Graphic design Part -I
B. Voc. Sustainable Agriculture Management Part -I
B. Voc. Nursing and Hospital Management Part -I
B. Voc. Tourism and Service Industry Part - I

This syllabus, nature of question and equivalence shall be implemented from the academic year **2025-2026** onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website [www.unishivaji.ac.in](http://www.unishivaji.ac.in) NEP-2020 (Online Syllabus)

The question papers on the pre-revised syllabi of above-mentioned course will be set for the examinations to be held in October /November 2025 & March/April 2026. These chances are available for repeater students, if any.

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours Faithfully

( Dr. S. M. Kubal )  
Dy Registrar

Encl. : As above.

Copy to: For Information and necessary action.

1	The Dean, Faculty of IDS	7	Affiliation T. 1 & T. 2 Section
2	Director, Board of Examination and Evaluation	8	Appointment A & B Section
3	The Chairman, Respective Board of Studies	9	P.G.Seminar Section
4	All On Exam Section	10	I.T. Cell
5	Eligibility Section	11	Internal Quality Assurance Cell (IQAC)
6	P. G. Admission Section		

# **Shivaji University, Kolhapur**



**Established:1962**

**Accredited By NAAC with 'A++' Grade with CGPA 3.52  
Revised Syllabus For**

**Bachelor of Vocation [B. Voc.](NEP-2.0)**

**Part-I (Nursing and  
Hospital Management)**

**UNDER**

**Faculty of Interdisciplinary Studies Structure, Scheme and  
Revised Syllabus**

(To be implemented from academic year 2025-26 onwards).

**Shivaji University, Kolhapur**

NEP-2020(2.0):CreditFrameworkforUGB.Voc.IProgrammeUnderFacultyofInterdisciplinaryStudies

### **B.Voc.I (Nursing and Hospital Management)**

Level	Semester	COURSES			OE	VSC/SEC	AEC/VEC/IKS	OJT/FP/CEP/CC / RP	Total Credit
		Course-I	Course-II	Course-III			IKS		
4.5	I	DSC-I(2) DSC-II(2) DSCPract.I (2)	DSC-I(2) DSC-II(2) DSCPract.I(2)	DSC-I(2) DSC-II(2) DSCPract.I(2)	OE-I (T)(2)		IKS-I(2) Introductionto IKS		
	Credits	4+2=6	4+2=6	4+2=6	2		2		22
	II	DSC-III(2) DSC-IV (2)DSCPract.II(2)	DSC – III(2) DSC-IV(2) DSCPract.II(2)	DSC-III(2) DSC-IV(2) DSCPract.I(2)	OE-II (T)(2)		VEC-I(2) (Democracy, Electionand constitution)		
	Credits	4+2=6	4+2=6	4+2=6	2		2		22
	1 <sup>st</sup> YearCum. Credits	8(T)+4(P)= 12	8(T)+4(P)=12	8(T)+4(P)=12	2+2=4		2+2=4		44
ExitOption: Award of FY Diploma Certificate with 44 Credits									

**Semester I**  
**B.Voc. Nursing and Hospital Management**

Sem.	Course	Code	PaperNo.	Title of Paper
I	I	DSC-I	B.Voc.Paper-I	Fundamentals of Nursing -I
		DSC-II	B.Voc.Paper-II	Anatomy and Physiology -I
		DSC-P-I	B.Voc.Practical-I	Based upon DSC-I and DSC-II
	II	DSC-I	B.Voc.Paper-I	Fundamentals of Nursing-I
		DSC-II	B.Voc.Paper-II	Anatomy and Physiology-I
		DSC-P-I	B.Voc.Practical-II	Based upon DSC-I and DSC-II
	III	DSC-I	B.Voc.Paper-I	Fundamentals of Nursing-I
		DSC-II	B.Voc.Paper-II	Anatomy and Physiology-I
		DSC-P-I	B.Voc.Practical-III	Based upon DSC-I and DSC -II
	OE -I	Open Elective	Theory(2)	Introduction to Hospital Management
	IKS	Indian Knowledge System	Theory(2)	IKS(Generic)

**Semester II**  
**B.Voc. Nursing and Hospital Management**

Sem.	Course	Code	PaperNo.	Title of Paper
II	I	DSC-I	B.Voc.Paper- I	Community Healthcare-II
		DSC-II	B.Voc.Paper-II	Midwifery-II
		DSC-P-I	B.Voc.Practical-II	Based upon DSC-I and DSC-II
	II	DSC-I	B.Voc.Paper- I	Community Healthcare-II
		DSC-II	B.Voc.Paper-II	Midwifery-II
		DSC-P-I	B.Voc.Practical-II	Based upon DSC-I and DSC -II
	III	DSC-I	B.Voc.Paper- I	Community Healthcare
		DSC-II	B.Voc. Paper-II	Midwifery
		DSC-P-I	B.Voc.Practical-III	Based upon DSC-I and DSC -II
	OE -II	Open Elective-II	Theory(2)	Health Management
	VEC	Value Education Course	Theory(2)	Democracy, Election and Good Governance

**Eligibility for Admission:** 10+2 from any faculty or equivalent Diploma/Advanced Diploma in any related stream.

**Eligibility for Faculty:**

- 1) M.Sc.(Nursing) with NET /SET/Ph.D.
- 2) M.A(English) with NET/SET for Business Communication Eligibility for Laboratory Assistant: B.Sc.(Nursing)/ Diploma in Nursing.

• Staffing Pattern Teaching: a) In 1st Year of B. Voc. - 1 Full Time and 2 Visiting Lecturers for Nursing and Hospital Management and 1 CHB Lecturer for Business Communication Lab Assistant: For 1st Year of B. Voc. - 1 Part time

**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B. Voc. Part I (Nursing and Hospital**  
**Management) NEP 2020 (2.0) Syllabus with effect from June 2025**  
**B. Voc. I (Nursing and Hospital Management) Sem. I (Course - I)**  
**DSC – I B. Voc. Paper I**  
**Fundamentals of Nursing-I Theory: 30 Hours**  
**(Credits: 02)**

**Unit 1: Introduction to Nursing**

**(8 hours)**

- a) Nursing – concept, meaning, definitions, scope and functions.
- b) History of nursing in India
- c) Nursing as a profession

**Unit 2: Nursing care, and needs of patients, assessments of patient**

**(7 hours)**

- a) Patient environment in the hospital, Patient Environment in the hospital: Patients unit
- b) Therapeutic environment - Physical factors – lighting temperature, ventilation, humidity, noise, pestilence. - Safety needs, prevention of environmental hazard - Psychosocial and aesthetic factors.

**Unit-3 Meeting the Basic Needs of a patient**

**(8 hours)**

**Physical needs-** - Comfort, rest, sleep and exercise –Importance and its promotion - Body mechanics –moving, lifting, transferring - Position and posture maintenance - Comfort devices - Beds and bed making – Principles of bed making, types and care of bed linen - Safety devices, restraints and splints - Exercises – Active and Passive

**Unit 4: Therapeutic Nursing Care**

**(7 hours)**

- a) Care of patients with respiratory problems/dyspnoea - Deep breathing and coughing exercises - O<sub>2</sub> inhalation - Dry and moist inhalation - Oro nasal suctioning
- b) Care of patient with altered body temperature-Hot and cold Applications

**Reference Books:**

"Introduction to Nursing: A Critical Thinking, Case Studies Approach" by Mary Jo Ledd  
Psychology for Nurses by R. Sreevani  
Nursing Foundation by B.T. Basavanthappa  
The Principles and Practice of Nursing" by Sue C. H. Lee and Anita D. D'Souza  
Nutrition and Dietetics. By Clemen

**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B. Voc. Part I (Nursing and Hospital Management) NEP2020(2.0)**  
**Syllabus with effect from June 2025**  
**B. Voc. I (Nursing and Hospital Management) Sem. I (Course - I)**  
**DSC – II B. Voc. Paper II**  
**Anatomy and Physiology -I Theory: 30 Hours**  
**(Credits: 02)**

**Unit 1: Introduction to Anatomy (8hours)**

Introduction to anatomical terms organization of the human body a) Anatomical terms b) Systems and cavities of the human body Introduction to the detailed structure of the body

**Unit 2: Introduction to Physiology (7hours)**

Organization of body cell, organs, tissues etc. introduction and anatomical Terminology, The Cellular Level of Organisation, Tissues, Glands and Membranes, Skeletal System, Joints, Muscular System,

**Unit 3: The Circulatory System (8hours) a)**

Heart: Structure, functions including conduction system and cardiac cycle b) Blood vessels : Types, Structure and position c) Circulation of blood d) Blood pressure and pulse The Lymphatic system - Structure and function of lymph vessels, Lymph nodes and lymph circulation, lymphatic tissue - spleen and thymus

**Unit 4: The digestive system (7hours) a)**

Structure and functions of the alimentary tract and its accessory organs. b) The process of digestion, absorption and metabolism of food constituent's temperature. The Endocrine system - The structure and functions of the pituitary, thyroid, parathyroid and adrenal glands, pancreas (islets of Langerhans), ovaries and testes

**Reference Books:**

Anatomy and Physiology for Dummies by Donna Rae Siegfried and Maggie Norris  
Human Anatomy & Physiology by Elaine Nicpon Marieb  
Gray's Anatomy by Henry Gray  
The Anatomy Coloring Book by Lawrence M Elson and Wynn Kapit  
Atlas of Human Anatomy by Frank H. Netter  
Ross & Wilson Anatomy and Physiology in Health and Illness by Allison Wynn Grant, Anne Waugh, and Kathleen J. W. Wilson  
Gray's Anatomy for Students by Adam W. M. Mitchell, Richard Drake, and Wayne Vogl

**List of Experiments:**

**Group-I**

1. Hospital admission and discharge, Admission:
2. Prepare Unit for new patient and Prepare admission bed
3. Perform admission procedure
4. New patient and Transfer in • Prepare patient records Discharge/Transfer out •
5. Gives discharge counseling • Perform discharge procedure (Planned discharge, LAMA and abscond, Referrals and transfers)
6. Prepare records of discharge/ transfer • Dismantle, and disinfect unit and equipment after discharge/transfer Perform assessment:
7. History taking, Nursing diagnosis, problem list, Prioritization, Goals & Expected Outcomes, selection of interventions •
8. Write Nursing Care Plan • Gives care as per the plan Communication • Use verbal and non verbal communication techniques Prepare a plan for patient teaching session Write patient report • Change-of shift reports, • Transfer reports, Incident reports.

**Group-II**

1. Study of compound microscope and Microscopic study of epithelial and connective tissue
2. Microscopic study of muscular and nervous tissue and Identification of axial bones
3. Identification of appendicle bones Introduction to haemocytometer.
4. Enumeration of white blood cell (WBC) count and Enumeration of total red blood corpuscles (RBC) count
5. Determination of bleeding time and Determination of clotting time
6. Estimation of haemoglobin content and Determination of blood group.
7. Determination of erythrocyte sedimentation rate (ESR) and Determination of heart rate and pulse rate.
8. Recording of blood pressure.

**Reference Books:**

Anatomy and Physiology for Dummies by Donna Rae Siegfried and Maggie Norris  
Human Anatomy & Physiology by Elaine Nicpon Marieb  
Gray's Anatomy by Henry Gray  
The Anatomy Coloring Book by Lawrence M Elson and Wynn Kapit  
Atlas of Human Anatomy by Frank H. Netter

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**SHIVAJI UNIVERSITY, KOLHAPUR**

**B. Voc. Part I (Nursing and Hospital Management)  
NEP2020(2.0) Syllabus with effect from June 2025**

**B. Voc. I (Nursing and Hospital Management) Sem. I  
(Course - II) DSC – I B. Voc. Paper I**

**Fundamentals of nursing-I Theory: 30 Hours  
(Credits:02)**

**Unit1: Professional Ethics (8hours)**

Nursing professional – qualities and preparation.

Ethics in Nursing-roles and responsibilities of a nurse.

Health care agencies – hospital and community service – types and function of hospitals health team.

**Unit2: Hospital environment (7hours)**

Safety needs, prevention of environmental hazard - Psychosocial and aesthetic factors.

Patient's Adjustment to the Hospital. - Understanding the patient as a person, socio-economic, and cultural background, health status etc. - Effect of hospitalization on patient and family. -

Admission, transfer, discharge procedures

**Unit3: Needs of patients (8hours)**

**Hygienic needs** - Personal and environmental hygiene personal - Nurses note in maintaining personal and environmental hygiene. - Care of eyes, nose, ears, hands and feet. - Care of mouth, skin, hair and genitalia - Care of pressure areas, bed sores.

**Elimination needs** - Health and sickness - Problems – constipation and diarrhea, retention and incontinence of urine. - Nurse's role in meeting elimination needs. - Offering bed-pan and urinal, - Observing and recording abnormalities. - Preparation and giving of laxative, suppositories, enemas, bowel wash, flatus tube. - Perineal care, care of patient with urinary catheter, diapers. - Maintenance of intake and output records

**Unit 4: Care types of patients (7 hours)**

Care of patients with Fluid and Electrolyte imbalance

Care of unconscious patient

**Reference Books:**

Textbook of Microbiology by Surinder Kumar

Psychology for Nurses by R. Sreevani

Nursing Foundation by B.T. Basavanthappa

Communication and Educational Technology by Suresh Sharma

Textbook of Sociology by K.P. Neeraja

Nutrition and Dietetics. By Clemen

**SHIVAJI UNIVERSITY, KOLHAPUR**

**B. Voc. Part I (Nursing and Hospital Management) NEP2020 (2.0)  
Syllabus with effect from June 2025**

**B. Voc. I (Nursing and Hospital Management) Sem. I (Course - II)**

**DSC– II B. Voc. Paper II Anatomy and Physiology -I**

**Theory: 30 Hours**

**(Credits: 02)**

**Unit1: Structure**

**(8hours)**

The cell: Structure, reproduction and function

**Unit2: Health Systems**

**(7hours)**

The Blood Heart and Blood Vessels, Lymphatic System, The Respiratory System, The Digestive System, The Excretory System, The Nervous System, The Endocrine System,

**Unit3: Health systems and structures**

**(8hours)**

The Respiratory system a) The structure and functions of respiratory organs b) The physiology of respiration c) Characteristics of normal respiration and deviation.

**Unit4: Health system**

**(7hours)**

The Endocrine system - The structure and functions of the pituitary, thyroid, parathyroid and adrenal glands, pancreas (islets of Langerhans), ovaries and testes

**Reference Books:**

Anatomy and Physiology for Dummies by Donna Rae Siegfried and Maggie Norris

Human Anatomy & Physiology by Elaine Nicpon Marieb

Gray's Anatomy by Henry Gray

The Anatomy Coloring Book by Lawrence M Elson and Wynn Kapit

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**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B. Voc. Part I (Nursing and Hospital Management) NEP 2020 (2.0)**  
**Syllabus with effect from June 2025**  
**B. Voc. I (Nursing and Hospital Management) Sem. I (Course - II)**  
**DSC– III B. Voc. Paper III**  
**Fundamentals of Nursing and Anatomy and Physiology**  
**(Credits: 02)**

**List of Experiments:**

**Group-I**

1. Bed Bathing
2. Proper techniques for giving a patient a full or partial bath in bed.
3. Oral Care Brushing teeth, cleaning dentures, and maintaining oral hygiene in bedridden patients.
4. Dressing and Undressing Assisting patients with changing clothes, including for those with mobility issues.
5. Vital Signs Monitoring
6. Temperature Measurement
7. Pulse Measurement
8. Blood Pressure Measurement

**Group-II**

9. Human Cadaver Dissection or virtual dissection
10. the structure of major body systems
11. musculoskeletal
12. nervous
13. cardiovascular
14. reproductive systems
15. Organ Identification
16. Identifying and labeling major organs

**Reference Books:**

Anatomy and Physiology for Dummies by Donna Rae Siegfried and Maggie Norris  
 Human Anatomy & Physiology by Elaine Nicpon Marieb  
 Gray's Anatomy by Henry Gray  
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**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B. Voc. Part I (Nursing and Hospital Management) NEP 2020 (2.0)**  
**Syllabus with effect from June 2025**  
**B. Voc. I (Nursing and Hospital Management) Sem. I (Course -III)**  
**DSC– I B. Voc. Paper I**  
**Fundamentals of Nursing– I Theory: 30Hours**  
**(Credits: 02)**

**Unit1: Approaches to Nursing**

**(8hours)**

Modern approaches to nursing care including holistic nursing care

h) Health and Disease - Definition of health, determinants of health status. - Basic human needs - Illness and its effects on individual

**Unit2: Nursing Care**

**(7hours)**

Basic Nursing Skills- Communication - Nursing interview - Recording and reporting

Nursing Process - Meaning and importance - Assessment, Nursing diagnosis Planning, Implementation and Evaluation - Nursing care plan.

**Unit3: Types of Needs of patients**

**(8hours)**

**Nutritional needs** - Diet in health and disease - Factors affecting nutrition in illness, - Nurse's role in meeting patients nutritional needs. - Modification of diet in illness. - Diet planning and serving. - Feeding helpless patients including artificial methods of feeding.

**Psychological and spiritual needs** Importance - Nurse's role - Divisional and Recreational therapy

**Care of terminally ill and dying patient** - Dying patient's signs and symptoms needs of dying patient and family, - Nursing care of dying-: special considerations; advance directives, euthanasia, will, dying declaration, organ donation etc. - Medico legal issues - Care of the dead body - Care of unit - Autopsy – Embalming

**Unit4: Care of Patients**

**(7hours)**

Care of the bed-ridden patient (traction, fractures etc.)

Care of patient with pain g) Care of patients with body elimination deviation

**Suggested Readings:**

Nursing Foundation by B.T. Basavanthappa

Communication and Educational Technology by Suresh Sharma

**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B. Voc. Part I (Nursing and Hospital Management) NEP2020(2.0)**  
**Syllabus with effect from June 2025**  
**B. Voc. I (Nursing and Hospital Management) Sem. I (Course - III)**  
**DSC– II B. Voc. Paper II**  
**Anatomy and Physiology-I Theory: 30 Hours**  
**(Credits: 02)**

**Unit1: Body structure (8hours)**

Tissues including membranes and glands: types, structure and functions c) Body cavities and their contents

**Unit2: Organs and system study (7hours)**

The Sense Organs, The Reproductive System Blood a) Composition and formation of blood b) Functions of blood  
Blood clotting, blood grouping and cross matching d) Blood products and their use.

**Unit3: Systems in the human body (8hours)**

The Digestive system a) Structure and functions of the alimentary tract and its accessory organs. b) The process of digestion, absorption and metabolism of food constituents.

**Unit4: The Reproductive system (7 hours)**

Structure and functions of the female reproductive system b) Process of menstrual cycle, reproduction and menopause c) Structure and functions of breasts d) Structure and functions of the male reproductive system e) Reproductive health

**Reference Books:**

Anatomy and Physiology for Dummies by Donna Rae Siegfried and Maggie Norris  
Human Anatomy & Physiology by Elaine Nicpon Marieb  
Gray's Anatomy by Henry Gray  
The Anatomy Coloring Book by Lawrence M Elson and Wynn Kapit  
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**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B. Voc. Part I (Nursing and Hospital Management) NEP 2020 (2.0)**  
**Syllabus with effect from June 2025**  
**B. Voc. I (Nursing and Hospital Management) Sem. I (Course-III)**  
**DSC-III B. Voc. Paper III**  
**Fundamentals of Nursing and Anatomy and Physiology (Practical)**  
**(Credits: 02)**

**List of Experiments:**

**Group-I**

1. Hand Hygiene-Ensuring proper hand washing techniques to prevent infections.
2. Personal Protective Equipment (PPE)- Correct use of gloves, gowns, masks, and face shields.
3. Isolation Precautions
4. Basic First Aid- Treating minor injuries like cuts, bruises, burns, and sprains...
5. Sterile- Technique Maintaining sterility while performing invasive procedures or dressing changes
6. Emergency Procedures.
7. CPR and Basic Life Support (BLS)
8. Seizure Care- Proper response to and management of patients experiencing seizures.

**Group-II**

9. To study Human Reproductive Organs Dissection.
10. To Study the male and female reproductive organs, understanding their structure and function.
11. .To study Menstrual Cycle.
12. To Understand the phases of the menstrual cycle
13. To study Development-: Studying stages of human development from zygote to fetus.
14. Digestive Enzymes Activity
15. Food Digestion Simulation: Observing how food is broken down in different parts of the digestive tract (e.g., mouth, stomach, small intestine).
16. Liver Function Tests: Observing the role of the liver in metabolism and detoxification using liver enzyme assays.

**Suggested Readings:**

Anatomy and Physiology for Dummies by Donna Rae Siegfried and Maggie Norris  
Human Anatomy & Physiology by Elaine Nicpon Marieb  
Gray's Anatomy by Henry Gray  
The Anatomy Coloring Book by Lawrence M Elson and Wynn Kapit  
Atlas of Human Anatomy by Frank H. Netter  
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**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B. Voc. Part I (Nursing and Hospital Management) NEP 2020 (2.0)**  
**Syllabus with effect from June 2025**  
**B. Voc. I (Nursing and Hospital management)**

**Sem. I OPEN ELECTIVE - I**

**Introduction to Hospital Management (Theory)**  
**(Credits: 02)**

**Unit 1: Fundamentals of Hospital Management**

- \* Definition and scope of hospital management
- \* Types of hospitals (public, private, specialty, teaching hospitals, etc.)
- \* History and evolution of hospitals in India and globally
- \* Organizational structure of a hospital
- \* Role of hospital administrator/manager
- \* Legal and ethical issues in hospital management
- \* Introduction to healthcare systems (primary, secondary, tertiary care)

**Unit 2: Hospital Operations and Administration**

- \* Hospital departments and their functions (OPD, IPD, ER, ICU, etc.)
- \* Admission, discharge, and referral procedures
- \* Medical records management
- \* Material and inventory management
- \* Housekeeping, laundry, dietary services
- \* Facilities management (maintenance, biomedical waste, infection control)
- \* Importance of Standard Operating Procedures (SOPs)

**Unit 3: Human Resource and Financial Management in Hospitals**

- \* Human resource planning and staffing in hospitals
- \* Recruitment, training, and performance appraisal
- \* Labor laws and HR policies in hospitals
- \* Budgeting and financial planning
- \* Cost control and revenue cycle management
- \* Health insurance and billing systems
- \* Role of NABH and other accreditation standards

**Unit 4: Quality Management and Emerging Trends**

- \* Quality assurance and improvement in healthcare
- \* Patient safety and satisfaction
- \* Hospital Information Systems (HIS) and Electronic Health Records (EHR)
- \* Telemedicine and digital health
- \* Disaster and emergency management in hospitals
- \* Sustainability and green hospital practices
- \* Trends in hospital marketing and medical tourism

**ReferenceBooks:**

"Hospital Administration and Management" – C.M. Francis & Mario C. de Souza

"Essentials of Hospital Management & Administration" – Hari Singh

"Principles of Hospital Administration and Planning" – B.M. Sakharkar

"Hospital Management" – S.L. Goel

"Health Care Management" – Sharon Buchbinder & Nancy Shanks

"Hospital and Health Services Administration" – Syed Amin Tabish

"Handbook of Hospital Administration" – A. Venkat Raman

"Management of Hospital" – B.I. Shah



**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B. Voc. Part I (Nursing and Hospital Management) NEP 2020 (2.0)**  
**Syllabus with effect from June 2025**  
**B. Voc. I (Nursing and Hospital Management Sem. II (Course - I)**  
**DSC-I B. Voc. Paper I**  
**Community Healthcare II**  
**Theory: 30 hours**  
**(Credits: 02)**

**Unit1: Fundamentals of Community Health (8 hours)**

Introduction to public health, Definitions, scope, principles, and historical development of public health and community health.

**Unit2: Health Systems in India and the World: (7 hours)**

Structure and function of healthcare systems at national and international levels.

**Unit3: Socio-cultural Dimensions of Health: (8 hours)**

Influence of social and cultural factors, social structures, and traditions on health and disease.

**Unit4: Ethical and Legal Aspects: (7 hours)**

Ethical principles and professional responsibilities in community health practice, including relevant laws and acts.

**Reference Books:**

- 1 "A Textbook of Community Health Nursing": by Dahiya and Neelam Kumar.
- 2 "Community Health": by the African Medical and Research Foundation.
- 3 "Health Care Delivery Systems": (from CBSE Academic).
- 4 "Methods in Biostatistics": by B.K. Mahajan.
- 5 "Community Health Nursing": textbooks by various publishers like Jaypee Brothers.

**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B. Voc. Part I (Nursing and Hospital Management) NEP 2020 (2.0)**  
**Syllabus with effect from June 2025**  
**B. Voc. I (Nursing and Hospital Management) Sem. II (Course - I)**  
**DSC– II B. Voc. Paper II**  
**Midwifery II Theory: 30 hours**  
**(Credits: 02)**

**Unit 1: Introduction** **(8 hours)**

Basic concepts of midwifery, obstetrics, and gynaecology.

**Unit2: Historical and Ethical Aspects** **(7hours)**

Historical perspective of midwifery, legal and ethical considerations in maternal care.

**Unit 3: Pre-conception and Pregnancy Preparation** **(8hours)**

Care for couples before conception and preparing for parenthood.

**Unit4: Role of the Midwife:** **(7 hours)**

Understanding the role and scope of practice in various settings

**Reference Books:**

1. Fundamentals of Midwifery by Louise Lewis
2. A Handbook for Auxiliary Nurse Midwives Lady Health Visitors & ... by the National Health Mission
3. World Health Organization (WHO) guidelines on Midwifery Skills
4. National Nursing Council (NMC) / State Nursing Council Syllabus and Regulations (e.g., for ANM or GNM programs)
5. Jaypee Digital published chapters on Introduction to Midwifery
6. Official documents and handbooks published by the Indian Nursing Council (INC)
7. Aids to the Medical Profession
8. Essentials of Midwifery
9. Midwifery by Susan F. Davies
10. Mayes' Midwifery

**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B. Voc. Part I (Nursing and Hospital Management) NEP 2020 (2.0)**  
**Syllabus with effect from June 2025**  
**B. Voc. I (Nursing and Hospital**  
**Management) Sem. II (Course - I)**  
**DSC– III B. Voc. Paper III**  
**Community Healthcare and Midwifery (Practical)**  
**(Credits: 02)**

**List of Experiments:**

**Group-I**

1. Daily Diary • Health talk –
2. Family care plan based on family study – Health assessment of an individual
3. Community Profile
4. Report of visit to water purification plant, sewage plant, milk dairy, panchayat.
5. Conducting Home visits. • Nutritional assessment of individuals.
6. Provide care at home as per Standing Orders / protocol. • Conduct health Education. • Set up of different Clinics.
7. Maintain Records & Reports. • Practice family health nursing.
8. Demonstrate different methods of preparation of meals

**Group-II**

1. Practices under the supervision of college mentor and supervisor on the practice of Gynaecological diseases, integrating theory into practice.
2. Prepares patients for gynaecological operations and procedures.
3. Observes and cares for patients during post-operative and post-procedural period.
4. Gives first aid in case of common gynaecological traumas and in critical conditions.. Performs gynaecological examinations and collects samples for investigations; ensures due transport.
6. Consults women in preventing spontaneous miscarriages, before and after an abortion. Practices under the supervision of college mentor and supervisor on establishments of public health, integrating theory into practice.
7. Defines and performs midwife/nursing care to healthy patients as well as to patients with acute and chronic diseases in concordance with principles of patient safety.
8. Plans and performs post-labour care to a mother, a newborn and the whole family, appreciating their needs and individual characteristics of the family's home.

**Reference Books:**

1. "A Textbook of Community Health Nursing": by Dahiya and Neelam Kumar.
2. "Community Health": by the African Medical and Research Foundation.
3. "Health Care Delivery Systems": (from CBSE Academic).
4. "Methods in Biostatistics": by B.K. Mahajan.
5. "Community Health Nursing": textbooks by various publishers like Jaypee Brothers.

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**B. Voc. I (Nursing and Hospital**  
**Management) Sem. II (Course - II)**  
**DSC– I B. Voc. Paper I**  
**Community Healthcare–II**  
**Theory: 30 hours**  
**(Credits:02)**

**Unit1: Introduction to Epidemiology:** (8hours)  
Basic concepts, methods, and the application of epidemiology to understand disease distribution.

**Unit 2: Health Indicators and Statistics:** (7 hours)  
Tools and methods for measuring population health, including life expectancy, mortality rates, and disability-adjusted life years (DALYs).

**Unit3:Community Health Diagnosis:** (8hours)  
Methods for identifying health problems and priorities within a community

**Unit4:National Health Planning and Policies:** (7hours)  
Overview of health policies, Five-Year Plans, and various committees in India.

**ReferenceBooks:**

- 1 "A Textbook of Community Health Nursing": by Dahiya and Neelam Kumar.
- 2 "Community Health": by the African Medical and Research Foundation.
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**B. Voc. I (Nursing and Hospital Management) Sem. II (Course - II)**  
**DSC – II B. Voc. Paper II**  
**Midwifery – II Theory: 30 hours**  
**(Credits: 02)**

**Unit 1: Antenatal Care:** (8 hours)

Providing comprehensive care to the pregnant mother in the antenatal period

**Unit 2: Normal Labor** (7 hours)

Signs, symptoms, and management of the first, second, and third stages of labor.

**Unit 3: Conduct of Delivery** (8 hours)

Principles and techniques for conducting a normal delivery, including perineal care.

**Unit 4: Newborn Care, Postnatal Care, Record Keeping** (7 hours)

Receiving the newborn, immediate care, and examination, Care for the mother during the immediate postnatal period, Maintaining accurate records and reports related to childbirth

**Reference Books:**

1. Fundamentals of Midwifery by Louise Lewis
2. A Handbook for Auxiliary Nurse Midwives Lady Health Visitors & ... by the National Health Mission
3. World Health Organization (WHO) guidelines on Midwifery Skills
4. National Nursing Council (NMC) / State Nursing Council Syllabus and Regulations (e.g., for ANM or GNM programs)
5. Jaypee Digital published chapters on Introduction to Midwifery
6. Official documents and handbooks published by the Indian Nursing Council (INC)
7. Aids to the Medical Profession
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**B. Voc. I (Nursing and Hospital Management) Sem. II (Course - II)**  
**DSC– III B. Voc. Paper III**  
**Community Healthcare and Midwifery (Practical)**  
**(Credits: 02)**

**List of Experiments:**

**Group-I**

1. Visit a village to map its physical structure, identifying different zones and social groups.
2. Identify and list formal and informal health resources within the community
3. Learn about the role of local governance in health through discussions and drawing the panchayat structure.
4. Collect data for specific health indicators and perform basic tests (e.g., urine tests for sugar and albumin).
5. Hands-on demonstration of household water purification methods.
6. Visit sewage and waste disposal sites to observe management practices.
7. Observe and learn about rainwater harvesting plants and water conservation techniques.
8. Develop and conduct health education sessions for individuals, families, and groups on topics like nutrition or hygiene

**Group-II**

9. Conduct home visits using techniques like the bag technique to assess family health needs and promote self-care.
10. Practice counseling on family planning methods.
11. Home visits
12. Family planning counselling
13. Provide family planning and pre-conception counseling and perform STI screening.
14. Conduct physical examinations to monitor maternal and fetal well-being and detect pregnancy complications.
15. Educate on birth preparedness, healthy behaviors, and preparation for childbirth and early parenthood.
16. Be prepared to manage complications such as shoulder dystocia, fetal distress, and cord prolapse.

**Reference Books:**

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2. A Handbook for Auxiliary Nurse Midwives Lady Health Visitors & ... by the National Health Mission
3. World Health Organization (WHO) guidelines on Midwifery Skills
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**Syllabus with effect from June 2025**  
**B. Voc. I(Nursing and Hospital**  
**Management) Sem. II (Course - III)**  
**DSC– I B. Voc. Paper I**  
**Community Healthcare Theory: 30 hours**  
**(Credits:02)**

**Unit1:Nursing Roles and Responsibilities (8 hours)**

Roles of community health nurses, including their involvement with Accredited Social Health Activists (ASHA) and Anganwadi workers.

**Unit2:Health Education and Communication (7hours)**

Principles and objectives of health education, effective communication skills, and strategies for community outreach.

**Unit3:Specific Health Programs: (8hours)**

Family planning, immunization programs, and maternal and child health services.

**Unit4:Community Engagement: (7hours)**

Community mapping, understanding social processes, and involving community leaders in health initiatives.

**ReferenceBooks:**

- 1 "A Textbook of Community Health Nursing": by Dahiya and Neelam Kumar.
- 2 "Community Health": by the African Medical and Research Foundation.
- 3 "Health Care Delivery Systems": (from CBSE Academic).
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**B. Voc. I (Nursing and Hospital Management) Sem. II (Course - III)**  
**DSC – II B. Voc. Paper II**  
**Midwifery: 30 hours**  
**(Credits: 02)**

**Unit 1: High Risk Pregnancies** **(8 hours)**

Identification and management of high-risk pregnancies and refer them for safe motherhood.

**Unit 2: Complication Management:** **(7 hours)**

Recognizing and managing minor ailments of pregnancy and common complications,

**Unit 3: Health Promotion** **(8 hours)**

Promoting health through counselling, nutrition education, and family involvement

**Unit 4: Referral Systems** **(7 hours)**

Understanding the referral system for referring women with complications to higher centers.

**Reference Books:**

1. Fundamentals of Midwifery by Louise Lewis
2. A Handbook for Auxiliary Nurse Midwives Lady Health Visitors & ... by the National Health Mission
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**B. Voc. I (Nursing and Hospital Management) Sem. II (Course - III)**  
**DSC– III B. Voc. Paper III**  
**Community Healthcare and Midwifery (Practical)**  
**(Credits: 02)**

**List of Experiment:**

**Group-I**

1. Conduct home visits using techniques like the bag technique to assess family health needs and promote self-care.
2. Practice counseling on family planning methods.
3. Home visits
4. Family planning counselling
5. Women Empowerment
6. Providing guidance and support to individuals and families on health-related issue Maintenance of health records for self and family
7. Conducting health surveys,
8. Participating in the prevention and control of both communicable and non-communicable diseases.

**Group-II**

9. Educate on birth preparedness, healthy behaviors, and preparation for childbirth and early parenthood. Address psychosocial aspects of pregnancy, including support for unwed mothers and single parents.
10. Provide education on breastfeeding, ORS preparation, and other relevant health topics.
11. Conduct examinations of the birthing person.
12. Implement skin-to-skin contact between the mother and newborn.
13. Perform comprehensive daily and immediate examinations of the neonate.
14. Advocate for women's rights and dignity throughout the childbearing experience
15. Conduct physical examinations to monitor maternal and fetal well-being and detect pregnancy
16. Perform palpation to assess fetal growth and position.

**Reference Books:**

1. Fundamentals of Midwifery by Louise Lewis
2. A Handbook for Auxiliary Nurse Midwives Lady Health Visitors & ... by the National Health Mission
3. World Health Organization (WHO) guidelines on Midwifery Skills
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**B. Voc. I (Nursing and Hospital**  
**Management) Sem. II OPEN**  
**ELECTIVE – II**  
**Health Management (Theory)**  
**(Credits: 02)**

**Unit1: Principles of Health Management & Organization (8hours)**

Nature of Health Management, ethical considerations in healthcare, organizational structures, leadership, and decision-making. Establishing a foundational understanding of management principles within the complex context of healthcare.

**Unit 2: Hospital Administration & Operations**

**(7hours)**

Hospital planning, infrastructure, various hospital departments (OPD, Radiology), inventory management, and purchasing, Delving into the practical aspects of running a healthcare facility, ensuring efficient operations and resource utilization.

**Unit3: Human Resource Management in Health**

**(8hours)**

Motivation, conflict management, team-building, communication, and the importance of motivating medical and paramedical professionals. Understanding and managing the human capital within a healthcare setting to foster a productive and effective workforce

**Unit4: Financial Management & Legal Aspects**

**(7hours)**

Hospital accounting, financial management, medico-legal issues, health insurance, and the role of artificial intelligence in healthcare. Addressing the financial viability of healthcare operations, compliance with legal frameworks, and adapting to new technologies in the field .

**Reference Books:**

1. Organizational Behavior by S.P. Robbins
2. Fundamentals of Management (General management)
3. Principles of Hospital Administration and Planning by B.M. Sakharkar
4. Hospital Administration by D.C. Joshi
5. Organizational Behavior by Fred Luthans
6. Human Resource Management (General text)
7. Management Accounting by Ravi M. Kishore
8. Medico Legal Aspects (Specific book for legal issues)







**SHIVAJI UNIVERSITY, KOLHAPUR**  
**B. Voc. Part I (Nursing and Hospital Management)**  
**NEP2020 (2.0) Semester – I & II**  
**Nature of a Question Paper**

**Time: 1:00 Hr**

**Total Marks: 30**

**Solve questions from the following.**

**Q.1 Multiple choice Question**

**06 Marks**

- i.
- ii.
- iii
- .
- iv.
- v.
- vi.

**Q.2 Long answer Question (Any Two out of three)**

**12 Marks**

- i.
- ii.
- iii.

**Q.3 Short Answer Questions (Any Four out of six)**

**12 Marks**

- i.
- ii.
- iii
- .
- iv.
- v.
- vi.

**Internal Assessment**

**20 Marks**

Home Assignment  
Class Assignment (Tutorial Type)  
Quiz  
Mid-Term Test

## **Nature of Practical Question Paper**

### **Internal practical examination**

**50 marks**

- |                                    |          |
|------------------------------------|----------|
| 1. Group I                         | 20 Marks |
| 2. Group II                        | 20 Marks |
| 3. Submission of Certified Journal | 10 Marks |

**Assessment:**

The NEP 2020 emphasizes upon formative and continuous assessment rather than summative assessment. Therefore, the scheme of assessment should have components of these two types of assessments. Assessment has to have correlations with the learning outcomes that are to be achieved by a student after completion of the course

- a) **Continuous Assessment:** Assignments, projects, presentations, seminars and quizzes
- b) **Examinations:** Midterm, finals, or comprehensive exams.
- c) **Research Projects/Dissertation/Thesis:** Evaluated through submission and viva-voce
- d) **Grading System:** Standardized letter grades, percentages, or CGPA

**Letter Grades and Grade Points:**

The Semester Grade Point Average (SGPA) is computed from the grades as a measure of the student's performance in a given semester. The SGPA is based on the grades of the current term, while the Cumulative GPA (CGPA) is based on the grades in all courses taken after joining the programme of study. The HEIs may also mention marks obtained in each course and a weighted average of marks based on marks obtained in all the semesters taken together for the benefit of students.

**Computation of SGPA and CGPA:** UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

Letter Grade	Grade Point
O (Outstanding)	10
A+(Excellent)	9
A(VeryGood)	8
B+(Good)	7
B(AboveAverage)	6
C (Average)	5
P (Pass)	4
F (Fail)	0
Ab (Absent)	0

1. The SGPA is the ratio of the sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$\text{SGPA}(S_i) = \frac{\sum (C_{ix} G_i)}{\sum C_i}$$

Where  $C_i$  is the number of credits of the  $i^{\text{th}}$  course and  $G_i$  is the grade points scored by the student in the  $i^{\text{th}}$  course.