

UG Nursing

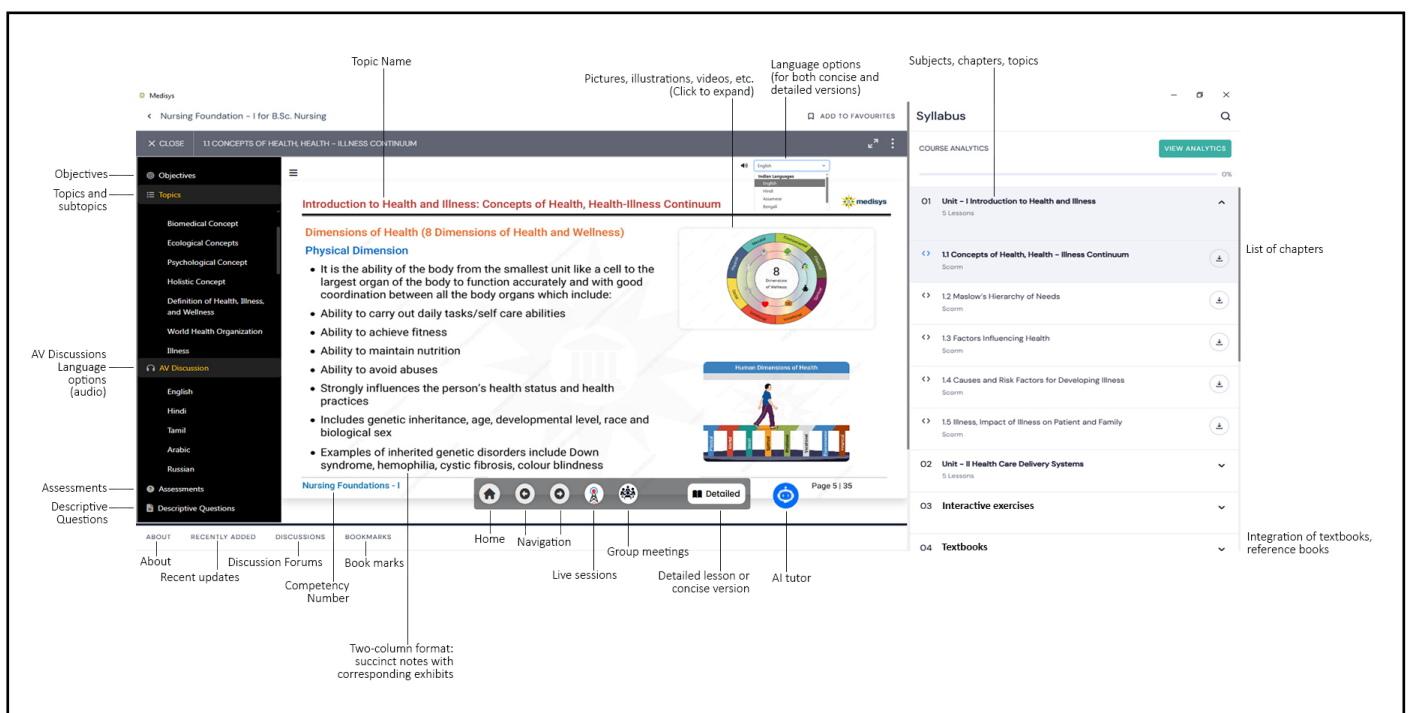
Digital educational materials covering the complete undergraduate (semester-based) curriculum of The Indian Nursing Council. Peer-reviewed, periodically updated, customizable packages. Available now in English and other languages. Built to meet the requirements of inclass instruction, assessments and self-directed learning. An LMS platform to facilitate swift updates, easy deployment and essential customisation.



Key features of our UG Nursing package

Audio-visual Sessions with comprehensive notes

- Produced and reviewed by Subject Matter Experts.
- Text and audio, enhanced by using illustrations, video clips, animations, line diagrams, charts, etc. Short lectures and podcasts to cover all topics.
- Q&A with explanatory notes, interactive exercises, assignments, etc., to support teachers, as also to encourage active learning by the student.



The screenshot displays the Medisys LMS interface for a nursing course. The main content area shows a lesson titled "Introduction to Health and Illness: Concepts of Health, Health-Illness Continuum" with a sub-section "Dimensions of Health (8 Dimensions of Health and Wellness)". The lesson includes a "Physical Dimension" section with bullet points and a diagram of the "8 Dimensions of Health". The interface features a sidebar with navigation options like "Objectives", "Topics", "AV Discussions", and "Assessments". A top navigation bar includes "Home", "Navigation", "Group meetings", "Live sessions", "Detailed lesson or concise version", and "AI tutor". A right sidebar shows a "Syllabus" with a list of chapters and units. The bottom of the page indicates a "Two-column format: succinct notes with corresponding exhibits".

A Nursing Care Plan

- A structured framework that guides nurses in assessing patient needs, identifying nursing diagnosis, planning interventions, and evaluating outcomes. Using the NANDA model, we have integrated curriculum-aligned care plans into the course to ensure standardized, evidence-based learning for all students.
- In addition to this, **a new speciality-wise Nursing Care Plan model** is being developed. This will explain how care plans are applied in each department—such as Medical–Surgical, OBG, Pediatrics, —using the most common cases seen in that speciality. It will also outline the corresponding nursing responsibilities, expected workflow processes, and department-specific care management steps.



OSCE Learning Modules with Rubrics

- Our platform provides digitally structured OSCE (Objective Structured Clinical Examination) modules that simulate real clinical scenarios. Students learn how OSCE stations are set up, what competencies are assessed, and how to navigate each step—helping them build confidence and readiness before actual practical exams.
- We integrate clear rubrics for every OSCE station, showing the step-wise expectations, checklist, communication standards, and scoring criteria. By becoming familiar with these rubrics during learning, students understand exactly how they will be assessed—enhancing both exam performance and real-life clinical practice.



Assessments & Interactive Exercises in Our Nursing Courses

Comprehensive Digital Assessments

- Our courses integrate curriculum-aligned assessments—including analytical MCQs, case-based questions, formative and summative evaluations, and model exam papers—ensuring students develop strong clinical reasoning and exam readiness.

Interactive Learning Exercises

- We include engaging interactive elements such as **visual recall activities, match-the-following exercises, drag-and-drop tasks with quick topic recap podcasts**. These help strengthen memory retention, reinforce key concepts, and improve understanding through active participation.



Semester - I

English

1. Communication
2. Introduction to LSRGW
3. Attentive Listening
4. Speaking - Effective Conversation
5. Reading
6. Writing Skills
7. LSRW Skills

Applied Anatomy

1. Introduction to Anatomical Terms and Organization of the Human Body
2. The Respiratory System
3. The Digestive System
4. The Circulatory and Lymphatic System
5. The Endocrine System
6. The Sensory Organs
7. The Musculoskeletal System
8. The Renal System
9. The Reproductive System
10. The Nervous System

Applied Physiology

1. General Physiology - Basic Concepts
2. Respiratory System
3. Digestive System
4. Circulatory and Lymphatic System
5. Blood
6. The Endocrine System
7. The Sensory Organs
8. Musculoskeletal System
9. Renal System
10. The Reproductive System
11. Nervous System

Applied Sociology

1. Introduction
2. Social Structure
3. Culture
4. Family and Marriage
5. Social Stratification
6. Social Organization and Disorganization
7. Clinical Sociology

Applied Psychology

1. Introduction
2. Biological Basis of Behavior - Introduction
3. Mental Health and Mental Hygiene
4. Developmental Psychology
5. Personality
6. Cognitive Process
7. Motivation and Emotional Processes
8. Psychological Assessment and Tests - Introduction
9. Application of Soft Skill
10. Self-Empowerment

Nursing Foundation - I

1. Introduction to Health and Illness
2. Health Care Delivery Systems
3. History of Nursing and Nursing as a Profession
4. Communication and Nurse Patient Relationship
5. Documentation and Reporting
6. Vital Signs
7. Equipment and Linen
8. Introduction to Infection Control in Clinical Setting
9. Comfort, Rest and Sleep and Pain
10. Promoting Safety in Health Care Environment
11. Hospital Admission and Discharge
12. Mobility and Immobility
13. Patient Education
14. First Aid

Semester - II

Applied Biochemistry

1. Carbohydrates
2. Lipids
3. Proteins
4. Clinical Enzymology
5. Acid Base Maintenance
6. Heme Catabolism
7. Organ Function Tests
8. Immunochemistry

Applied Nutrition and Dietetics

1. Introduction to Nutrition
2. Carbohydrates
3. Proteins
4. Fats
5. Vitamins
6. Minerals
7. Balanced Diet
8. Nutritional Deficiency Disorders
9. Therapeutic Diets
10. Cookery Rules and Preservation of Nutrients
11. Nutrition Assessment and Nutrition Education
12. National Nutritional Programs and Role of Nurse
13. Food Safety

Nursing Foundation - II

1. Health Assessment
2. The Nursing Process
3. Nutritional Needs
4. Hygiene
5. Elimination Needs
6. Diagnostic Testing
7. Oxygenation Needs
8. Fluid, Electrolyte, and Acid-Base Balances
9. Administration of Medications
10. Sensory Needs
11. Care of Terminally ill, Death and Dying
12. Self-Concept
13. Sexuality
14. Stress and Adaptation - Introductory Concepts
15. Concepts of Cultural Diversity and Spirituality
16. Nursing Theories - Introduction

Health/Nursing Informatic and Technology

1. Introduction to Computer Applications for Patient Care Delivery System and Nursing Practice
2. Principles of Health Informatics
3. Information Systems in Healthcare
4. Shared Care and Electronic Health Records
5. Patient Safety and Clinical Risk
6. Clinical Knowledge and Decision Making
7. eHealth - Patients and the Internet
8. Using Information in Healthcare Management
9. Information Law and Governance in Clinical Practice
10. Healthcare Quality and Evidence Based Practice

Semester - III

Applied Microbiology and Infection Control Including Safety

Section A: Applied Microbiology

1. Introduction
2. General Characteristics of Microbes
3. Pathogenic Organisms
4. Immunity

Section B: Infection Control and Safety

1. HAI (Hospital Acquired Infection)
2. Isolation Precautions and use of Personal Protective Equipment (PPE)
3. Hand Hygiene
4. Disinfection and Sterilization
5. Specimen Collection (Review)
6. BMW (Bio-Medical Waste Management)
7. Antibiotic Stewardship
8. Patient Safety Indicators
9. IPSP (International Patient Safety Goals)
10. Safety Protocol
11. Employee Safety Indicators

Pharmacology - I

1. Introduction to Pharmacology
2. Pharmacology of Commonly used Antiseptic and Disinfectants
3. Drugs Acting on GI System
4. Drugs Acting on Respiratory System
5. Drugs used in Treatment of Cardiovascular System and Blood Disorders
6. Drugs used in Treatment of Endocrine System Disorders
7. Drugs used in Treatment of Integumentary System
8. Drugs used in Treatment of Communicable Disease (Common Infections, Infestations)

Pathology - I

1. Introduction
2. Special Pathology - Pathology changes in Disease Conditions of Selected Systems
3. Hematological Tests for the Diagnosis of Blood Disorders

Adult Health Nursing - I: With Integrated Pathophysiology (Including BCLS Module)

1. Introduction
2. Intraoperative Care
3. Nursing Care of Patient with Common Signs & Symptoms and Management
4. Nursing Management of Patients with Respiratory Problems
5. Nursing Management of Patients with Disorders of Digestive System
6. Nursing Management of Patients with Cardiovascular Problems
7. Nursing Management of Patients with Disorders of Blood
8. Nursing Management of Patients with Disorders of Endocrine System
9. Nursing Management of Patients with Disorders of Integumentary System
10. Nursing Management of Patients with Musculoskeletal Problems
11. Nursing Management of Patients with Communicable Diseases

Semester - IV

Pharmacology - II

1. Drugs used in Disorders of the Ear, Nose, Throat and Eye
2. Drugs used on Urinary System
3. Drugs Acting on the Nervous System
4. Drugs used for Hormonal, Disorders and Supplementation, Contraception, and Medical Termination of Pregnancy
5. Drugs used for Pregnant Women During Antenatal, Labour and Postnatal Period
6. Miscellaneous
7. Introduction to Drugs used in Alternative Systems of Medicine
8. Fundamental Principles of Prescribing

Pathology - II and Genetics

Pathology - II

1. Special Pathology
2. Clinical Pathology

Genetics

1. Introduction
2. Meternal, Prenatal, and Genetic Influences on the Development of Defects and Diseases
3. Genetic Testing in the Neonates and Children
4. Genetic Conditions of Adolescents and Adults
5. Services Related to Genetics

Adult Health Nursing - II

1. Nursing Management of Patient with Disorders of Ear, Nose and Throat
2. Nursing Management of Patient with Disorders of Eye
3. Nursing Management of Patients with Kidney and Urinary Problems
4. Nursing Management of Disorders of the Male Reproductive System
5. Nursing Management of Patient with Burns, Reconstructive and Cosmetic Surgery
6. Nursing Management of Patient with Neurological Disorders
7. Nursing Management of Patient with Immunological Problems
8. Nursing Management of Patient with Oncological Conditions
9. Nursing Management of Patient in Emergency and Disaster Situations
10. Nursing Care of the Elderly
11. Nursing Management of Patients in Critical Care Units
12. Nursing Management of Patients Occupational and Industrial Disorders

Professionalism, Professional Values and Ethics Including Bioethics

1. Professionalism
2. Professional Values
3. Ethics and Bioethics

Semester - V

Child Health Nursing - I

1. Introduction: Modern Concepts of Child Care
2. The Healthy Child
3. Nursing Care of Neonate
4. Integrated Management of Neonatal and Childhood Illnesses
5. Nursing Management in Common Childhood Diseases
6. Childhood Emergencies

Mental Health Nursing - I

1. Introduction
2. Principles and Concepts of Mental Health Nursing
3. Mental Health Assessment
4. Therapeutic Communication and Nurse - Patient Relationship
5. Treatment Modalities and Therapies used in Mental Disorders
6. Nursing Management of Patient with Schizophrenia, and other Psychotic Disorders
7. Nursing Management of Patient with Mood Disorders
8. Nursing Management of Patient with Neurotic, Stress Related and Somatisation Disorders

Community Health Nursing - I

1. Concepts of Community Health and Community Health Nursing
2. Health Care Planning and Organization of Health Care at Various Levels
3. Environmental Science, Environmental Health, and Sanitation
4. Nutrition Assessment and Nutrition Education
5. Communication Management and Health Education
6. Community Health Nursing Approaches, Concepts, Roles and Responsibilities of Community Health Nursing Personnel
7. Assisting Individuals and Families to Promote and Maintain their Health
8. Introduction to Epidemiology - Epidemiological Approaches and Processes
9. Communicable Diseases and National Health Programs
10. Non-Communicable Diseases and National Health Program (NCD)
11. School Health Services

Educational Technology/Nursing Education

1. Introduction and Theoretical Foundations
2. Assessment and Planning
3. Implementation
4. Teaching in the Clinical Setting - Teaching Methods
5. Educational/Teaching Media
6. Assessment/Evaluation Methods/Strategies
7. Guidance/Academic Advising, Counseling and Discipline
8. Ethics and Evidence Based Teaching (EBT) in Nursing Education

Introduction to Forensic Nursing and Indian Laws

1. Forensic Science
2. Forensic Nursing
3. Forensic Team
4. Introduction of Indian Constitution
5. Sources of Laws and Law-making Powers

Semester - VI

Child Health Nursing - II

1. Cardiovascular System
2. Orthopedic Disorders
3. Management of Behavior and Social Problems in Children

Mental Health Nursing - II

1. Nursing Management of Patients with Substance Use Disorders
2. Nursing Management of Patient with Personality and Sexual Disorders
3. Nursing Management of Behavioural and Emotional Disorders Occurring During Childhood and Adolescence
4. Nursing Management of Organic Brain Disorders
5. Psychiatric Emergencies and Crisis Intervention
6. Legal Issues in Mental Health Nursing
7. Community Mental Health Nursing

Nursing Management and Leadership

1. Health Care and Development of Nursing Services in India
2. Management Basics Applied to Nursing
3. Planning Nursing Services
4. Organizing
5. Staffing (Human Resource Management)
6. Directing and Leading
7. Leadership
8. Controlling
9. Organizational Behavior and Human Relations
10. Financial Management
11. Nursing Informatics/ Information Management - Review
12. Personal Management - Review
13. Establishment of Nursing Educational Institutions
14. Planning and Organizing
15. Staffing and Student Selection
16. Directing and Controlling
17. Professional Considerations
18. Professional Advancement

Midwifery/Obstetrics and Gynecology Nursing - I

1. Introduction to Midwifery
2. Anatomy and Physiology of Human Reproductive System and Conception (Maternal, Fetal & Newborn Physiology)
3. Assessment and Management of Normal Pregnancy (Ante-natal)
4. Physiology, Management and Care During Labour
5. Postpartum Care/Ongoing Care of Women
6. Assessment and Ongoing Care of Normal Neonates
7. Family Welfare Services

Semester - VII

Community Health Nursing - II

1. Management of Common Conditions and Emergencies Including First Aid
2. Reproductive, Maternal, Newborn, Child and Adolescent Health (Review from OBG Nursing and Application in Community Setting)
3. Demography, Surveillance and Interpretation of Data
4. Population and its Control
5. Occupational Health
6. Geriatric Health Care
7. Mental Health Disorders
8. Health Management Information System (HMIS)
9. Management of Delivery of Community Health Services
10. Leadership, Supervision and Monitoring
11. Disaster Management
12. Bio-Medical Waste Management
13. Health Agencies

Nursing Research and Statistics

1. Research and Research Process
2. Research Problem/Question
3. Review of Literature
4. Research Approaches and Designs
5. Sampling and Data Collection
6. Analysis of Data
7. Introduction to Statistics
8. Communication and Utilization of Research

Midwifery/Obstetric and Gynecology Nursing - II

1. Recognition and Management of Problems during Pregnancy
2. Recognition and Management of Abnormal Labour
3. Recognition and Management of Postnatal Problems
4. Assessment and Management of High-Risk Newborn (Review)
5. Assessment and Management of Women with Gynecological Disorders

Similar UG packages for MBBS, BDS and BHMS, are also available.

UG packages in Physiotherapy, Ayurveda, Allied Health will be ready during 2026.

Medisys Edutech Private Limited

3A, Mazhar Estate, Plot No. 12, Phase - 2, Hi-Tech City, Madhapur, Hyderabad - 500081, Telangana, India

Tel: +91 99591 13026 | Email: info@medisysedutech.com | www.medisysedutech.com