

Shiva trust's

# Nashik Nursing College

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## Department List

1. Nursing Foundation
2. Nutrition And Dietetics
3. Biochemistry And Biophysics
4. Psychology
5. Microbiology
6. Maternal Nursing
7. Child Health Nursing
8. Medical Health Nursing
9. English
10. Sociology
11. Community Health Nursing
12. Mental Health Nursing
13. Introduction To Nursing Education
14. Introduction To Nursing Service Administration
15. Introduction To Nursing Research And Statistics

# DEPARTMENT'S DESCRIPTION

## 1. Nursing Foundation

This course will help students to develop an understanding of the philosophy, objectives and responsibilities of nursing as a profession. The purpose of the course is to orient to the current concepts involved in the practice of nursing and developments in the nursing profession.

**Objectives:** At the end of the course, the students will

1. Identify professional aspects of nursing
2. Explain theories of nursing
3. Identify ethical aspects of nursing profession
4. Utilise steps of nursing process
5. Identify the role of the nurse in various levels of health services
6. Appreciate the significance or quality assurance in nursing.
7. Explain current trends in health and nursing

## 2. Nutrition And Dietetics

This course is designed to provide the students with a wide knowledge of dietetics in Indian setting, that the practice of teaching optimum and realistic dietary planning can become an integral part of nursing practice.

**Objectives:** At the end of the course, the students will

1. Explain the principles and practices of nutrition and dietetics.
2. Plan therapeutic diets in different settings
3. Identify nutritional needs of different age groups and plan diet accordingly.
4. Prepare meals using different methods utilizing cookery rules.

## 3. Biochemistry And Biophysics

The broad goal of teaching Biochemistry to Nursing students is to enable them to understand, the chemical processes taking place in the human body in health and disease. This will help them to increase the quality of patient care.

The broad goal of teaching Biophysics to nursing students is to enable them to understand the application of physics principles while providing nursing care to the patients.

**Objectives:** At the end of the course, the students will

1. Identify the basic principles of Biochemistry
2. Understand and grasp the basic outline of chemistry and properties of important biomolecules like glucose, urea, etc
3. Summarize the working of enzymes and their importance as diagnostic tools for the clinician.
4. Describe the mechanisms involved in maintenance of body fluids along with electrolytes.
5. Be able to understand the concepts of laboratory medicine, which involves learning about physiological levels of important biomolecules and the underlying cause of change in these levels in disease states.

#### **4. Psychology**

This course is designed to orient students with regards to psychological principles, and widen their knowledge of the fundamentals of psychology. The course offers students an opportunity to understand the psychodynamics of patient behavior and to apply theoretical concepts in practical settings.

**Objectives:** The course aims towards the developing students skills in –

- Understanding herself and others
- Analysing her own thought and behavior patterns
- Using psychological principles to improve her efficiency in nursing care
- Applying psychological principles while performing nursing duties
- Distinguishing psychological processes during health and sickness
- Planning nursing care with regards to psychological needs and concerns
- Participating in psychological assessment of patients

#### **5. Microbiology**

This course reorients the students to the fundamentals of Microbiology and its various sub-divisions. It provides opportunities to gain skill in handling and use of microscope for identifying various micro-organisms. It also provides opportunities for safe handling of materials containing harmful bacteria and methods of destroying microorganisms.

**Objectives:** After the course the students will develop

1. Identify common disease causing organisms
2. Basic principles of Microbiology & its significance in health & disease
3. Handling of infective specimens
4. Various methods of sterilization & disinfection
5. Role of nurse in hospital infection control system.

## 6. Maternal Nursing

The course is designed to widen the student's knowledge of obstetrics during pregnancy, labour and puerperium. It also helps to acquire knowledge and to develop skill in rendering optimum nursing care to a child bearing mother in a hospital or in community and help in the management of common gynaecological problems.

**Objectives:** At the end of the course, the student will be able to :

1. Describe the physiology of pregnancy, labour, and puerperium.
2. Manage normal pregnancy, labour and puerperium.
3. Explain the physiology of lactation, and advice on management of breastfeeding.
4. Provide pre- and post operative nursing care in obstetric conditions.
5. Identify and manage high risk pregnancy including appropriate referrals.
6. Propagate the concept and motivate acceptance of family planning methods.
7. Teach , guide and supervise auxiliary midwifery personnel.

## 7. Child Health Nursing

This course is aimed at developing an understanding of the modern approach to child care, the principles of child health nursing and the common problems of neonates and children in health and sickness.

**Objectives:** At the end of the course, the students will be able to:-

1. Explain the modern concept of child care and the principles of child health nursing.
2. Describe the normal growth and development of children in various age groups.
3. Explain the physiological response of body to disease conditions in children.
4. Identify the health needs and problems of neonates and children, plan and implement appropriate nursing interventions.
5. Identify the various preventive, promotive and rehabilitative aspects of child care and apply them in providing nursing care to children in the hospital and in the community.

## 8. Medical Surgical Nursing

The purpose of this course is to widen the students' knowledge and develop proficiency in caring for patients with Medical Surgical problems. This course includes review of relevant anatomy & physiology, pathophysiology in MedicalSurgical disorders & the nursing management of these conditions.

**Objectives:** At the end of the course, the F.Y.B.Sc. Nursing students will-

1. explain relevant Anatomy & Physiology of various systems of the body.
2. explain etiology, pathophysiology & manifestations of various

- disorders.
3. explain the actions, side-effects & nursing implications in administering drugs for various disorders.
  4. discuss the recent advancement in the investigations, treatment & care of patients with Medical Surgical conditions.
  5. develop skill in giving comprehensive nursing care to patients following the steps of nursing process.
  6. assist the patients & their families in identifying & meeting their own health needs.
  7. provide planned & incidental health education on various aspects related to disorder & relevant care.
  8. appreciate the role of the nurse in the Medical Surgical health team.

## 9. English

This course is designed to help the student understand and usage of English language required for their professional work.

**Objectives:** After the course the students will develop

1. Ability to speak and write grammatically correct English
2. Effective skill in reading and understanding the English language
3. Skill in reporting

## 10. Sociology

This course is to reorient students to sociology related to community of social institutions in India and its relationship with health, illness and nursing.

**Objectives:** At the end of the course, the student will

- describe sociological concepts applicable to nursing
- determine role of sociology in nursing as related to social institutes in India.
- Develop positive attitudes towards individual family and community.

## 11. Community Health Nursing

The course enables the students to acquire knowledge and understanding of the changing concepts of comprehensive community health nursing practice, the national health care delivery system and to participate in the delivery of community health nursing practice.

This course also broadens the understanding in public health nursing administration, responsibility of nurse for early case finding, health assessment and health education based on principles of primary health care, Nursing process approach and comprehensive nursing care to the individual, family and community.

**Objectives:** At the end of the course the student will

- 1) Explain the concept of various factors contributing the health of individual family and community.
- 2) Explain and analyze health need of individual family and community based on factors contributing to health and illness
- 3) Describe national health care delivery system.
- 4) Describes epidemiological methods and principles of prevention and control of illness in the community.
- 5) Study implementation of national programmes and role of CHN in prevention and control of diseases.
- 6) Identify the role of personnel working in the community health setup and appreciate the integrated approach to community health.
- 7) Plan the work of community health nurse and supervise the health workers.
- 8) Study concept of public health administration and role of nurse as manager and supervisor.

## **12. Mental Health Nursing**

This course enables the students to recognize and appreciate the causes, symptoms and process of abnormal human behavior.

It also introduces the student to the present day treatment modalities in the light of psychological, social and cultural factors affecting human behavior.

This course helps the student to learn principles of mental health and psychiatric nursing and to develop skills in the management of the mentally ill in hospital and community.

**Objectives:** At the end of course, the student will

1. Identify and describe the philosophy and principles of mental health nursing.
2. Describe the historical development of mental health and psychiatric nursing.
3. Classify mental disorders.
4. Develop skills in history taking and performing mental status examination.
5. Describe etiological factors, psycho-pathology, clinical features, diagnostic criteria and treatment methods used for mental disorders.
6. Manage the patients with various mental disorders.
7. Communicate therapeutically with patients and their families.
8. Identify role of the nurse in preventive psychiatry.
9. Identify the legal aspects in practice of mental health and psychiatric nursing.

## **13. Introduction To Nursing Education**

This course introduces the students to Principles and concepts of Education, curriculum development and methods and media of teaching. It also describes the steps the steps in curriculum development and implementation of educational programme in Nursing.

**Objectives:** At the end of the course, the students will

1. Describe the philosophy and principles of education
2. Describe the process of a nursing curriculum development
3. Explain the teaching learning process
4. Develop the ability to teach, using various methods and media
5. Describe the process of assessment
6. Describe the administrative aspects of school of nursing, College of Nursing
7. Develop basic skills in counseling and guidance
8. Participate in planning and organizing an in-service education program

#### **14. Introduction To Nursing Service Administration**

This course is designated to give an opportunity to the students to gain an understanding of the principles of administration and its application to nursing service. It is also intended to assist the students to develop an understanding of the need for professional leadership.

**Objectives:** At the end of the course , the student will enable the students to:-

- 1 Identify the Principles of administration.
- 2 Describe the Principles and techniques of supervision.
- 3 Explain the Principles and Methods of personnel management.
- 4 Explain the principles of Budgeting.
- 5 Organize and manage a Nursing Unit effectively.
- 6 Identify dynamics of Organizational behavior, styles and functions of effective leadership.

#### **15. Introduction To Nursing Research And Statistics**

This course is designed to assist the student to develop an understanding of the basic concepts principles of research and scientific inquiry including the identification of problem and steps in research methodology. This course also introduces the basic concepts, and principles of Statistical methods, the use of computers in conducting research project in groups and use the finding in nursing practice.

**Objectives:** At the end of course student will

- 1) Define the terms and concepts of nursing research.
- 2) Identify needs and scope of nursing research.
- 3) Be able to define research problems.
- 4) Locate and list sources of literature review including operational definition and conceptual framework.
- 5) Describe different approaches and research designs in nursing research.
- 6) Describe sample and sampling technique with special reference to survey method.

- 7) Develop tool for data collection.
- 8) Able to conduct pilot study to confirm reliability and validity of tool before datacollection.
- 9) To enumerate steps of data analysis and present data summary in tabular form.
- 10) Use descriptive and co-relational statistics in data analysis.
- 11) Conduct group project and write report.