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**ADICHUNCHANAGIRI COLLEGE OF NURSING**

**B.G. NAGARA, NAGAMANGALA TQ, MANDYA DIST – 571 448**

(Affiliated to ACU, Recognized by KNC & INC)



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## **B.Sc. Nursing Course outcome and Program Outcome**

### **Aims: ~**

The aim of the undergraduate nursing program is to:

1. Prepare graduates to assume responsibilities as professional, competent nurses and midwives in providing promotive, preventive, curative, and rehabilitative services.
2. Prepare nurses who can make independent decisions in nursing situations, protect the rights and facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services, and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor and manager in a clinical / public health setting.

### **Objectives: ~**

On completion of the four-year B.Sc. Nursing program the graduate will be able to:

1. Apply knowledge from physical, biological, and behavioral sciences, medicine including alternative systems and providing nursing care to individuals, families and communities.
2. Demonstrate understanding of life style and other factors, which affect health of individuals and groups.
3. Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
4. Demonstrate critical thinking skill in making decisions in all situations in all situations in order to provide quality care.
5. Utilize the latest trends and technology in providing health care.
6. Provide promotive, preventive, and restorative health services in line with the national health policies and programmes.
7. Practice within the framework of code of ethics and professional conduct, and acceptable standards of practice within the legal boundaries.
8. Communicate effectively with individuals and groups, and members of the health team in order to promote effective interpersonal relationships and teamwork.
9. Demonstrate skills in teaching to individuals and groups in clinical/community health settings.
10. Participate effectively as members of the health team in health care delivery system.



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11. Demonstrate leadership and managerial skills in clinical/community health settings.
12. Conduct needs-based research studies in various settings and utilize the research findings to improve the quality of care.
13. Demonstrate awareness, interest and contribute towards advancement of self and of the profession.

### **Program Outcome: ~**

Understand the basic biological sciences and psychosocial aspects of health and illness and its use in care of patients.

1. Apply knowledge and critical thinking skills and ethical principles in evidence-based nursing practice.
2. Prepare competent nursing professionals with human values to provide quality nursing care globally.
3. Practice comprehensive nursing care for individual, community and society at large.
4. Demonstrate values, knowledge, skills and attitudes appropriate to the profession and also respect for the dignity of each individuals and for human diversity.
5. Demonstrate leadership and teaching skills in nursing education and practice.
6. Demonstrate effective communication and decision-making abilities and Managerial skills in providing quality nursing care in various health care settings.
7. Engage in continuous professional and personal development and update with latest technologies, trends and issues in health care setting.

### **Course Outcome**

#### **ANATOMY**

1. Understanding the anatomical terms, structure and organizations of the human body.
2. Applying the knowledge of anatomy and physiology in practice of nursing.
3. Demonstrating anatomical structures of human body.
4. Analyzing the physiological functions of human body and its nursing implications.
5. Evaluating the alterations in structure and functions of human body and its nursing implications. Creating anatomical models of different parts of human organs.



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## **PHYSIOLOGY**

1. Understanding the physiological terms.
2. Develop understanding of the normal functioning of various organ systems of the body.
3. Applying the knowledge of physiology in practice of nursing.
4. Analyzing the physiological functions of human body and its nursing implications.
5. Evaluating the alterations in functions of human body and its nursing implications.
6. Creating physiological models of different parts of human organs.
7. Identify the relative contribution of each organ system towards maintenance of Homeostasis.
8. Apply knowledge of physiological basis to analyze clinical situations and therapeutic applications.

## **NUTRITION**

1. Understanding the biochemical composition, nutrition and their role in functioning of human body.
2. Applying the knowledge of nutrition and biochemistry for preparing diet for the care and promotion of health of patients.
3. Demonstrating skills in selection, preparation and preservation of foods for patients.
4. Analyzing the nutritional needs of the patients and monitor the improvements in the health.
5. Evaluating the alterations in micro and macro nutrients in health and illness

## **BIO CHEMISTRY**

1. Understanding the concepts, theories and principles of Biochemistry.
2. Synthesize the knowledge of these principles in various Nursing situations.
3. Describing chemistry, classification, metabolism of micro and macro nutrients and its alterations.
4. Understanding and using the various biomedical equipment's and biochemical investigations in diagnosis of diseases.



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## **NURSING FOUNDATION**

1. Understanding the concepts, theories of health and illness and nursing in different health care settings.
2. Applying the communication skills effectively and work in teams with client, family & health care professionals.
3. Understanding and applying the basic principles and nursing process in meeting the needs of the client.
4. Demonstrating the skills in prevention and control of infection in health care settings.
5. Applying the knowledge and critical thinking skills in Evidence Based nursing practice & application of nursing theories.

## **PSYCHOLOGY**

1. Understand the history of psychology and development of theories and their scientific foundations.
2. Analyze the cognitive, emotional and motivation processes in understanding the patient behavior in health and illness setting.
3. Express the concepts of personality and its influence on behaviour
4. Differentiate the psychological needs of people in different age groups
5. Demonstrate the skills in psychological assessment and test.

## **MICROBIOLOGY**

1. Understanding the significance of microbiology in nursing profession.
2. Understand how the human body and various organisms interact in terms of health and disease.
3. Identifying and classifying the microbes and assessing characteristics features of microorganisms and the diseases they cause.
4. Understanding and applying the routes of transmission of infection in hospitals, communities and the methods used to control the spread of infection with nursing care.
5. Be conversant with proper methods of collection, storage and transport of clinical material for microbiological investigations.
6. Understand the principles of immunology and its application in the diagnosis and prevention of infectious diseases.



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## ENGLISH

1. Understanding the importance of English Language in the context of listening, speaking, reading and writing (LSRW).
2. Understanding of English Grammar, pronunciation and vocabulary building.
3. Applying English Grammar in constructing sentences.
4. Applying correct format and principles of written communication to prepare letters and reports.
5. Applying rules of grammar in conversational English and expressing itself.
6. Developing listening English.
7. Developing positive attitude and ability to deals others

## INTRODUCTION TO COMPUTERS

1. Understanding the peripheral devices and computer generation.
2. Understanding the basic knowledge of operating system and programming languages. Understanding the basic functions of Microsoft word and excel.
3. Understanding the basic functions of Microsoft Power point presentation in creating the presentation.
4. Understanding the categories of programs, system software and application.
5. Understanding the Internet Web resources, network and Internet in the workplace.
6. Knowing the fundamentals of statistical packages and Hospital Management System.
7. By learning this subject, the nurse can maintain online records and reports update.
8. It is very much useful in MLC (MEDICO-LEGAL CASE) to send the information via e mail
9. By medical coding, the records can be keep as Protected
10. In the view of nursing institutions, it will help to maintain the Students Record up to date

## SOCIOLOGY

1. Understanding the concepts, nature, scope & importance of sociology.
2. Understanding the cultural influences among different kinds of people while caring for the patients in health care settings.
3. Analyze the types of communities & their practices & its impact on health.



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4. Evaluate the process of social change & the factors influencing the social change
5. Creating awareness among the health workers to care for the people from different social background

### **MEDICAL SURGICAL NURSING – I**

1. Understanding the relevant Anatomy and Physiology of various system & issues in the field of Medical Surgical Nursing
2. Understanding the concepts of health and diseases.
3. Understanding the trends & issues in the field of Medical Surgical Nursing.
4. Applying concepts & theories related to health promotion.
5. Demonstrating skills in health assessment and nursing care procedures in providing care to patients.
6. Analyzing various recent technologies & treatment modalities in the management of clients. Evaluating the quality of Nursing care practice for adults including geriatrics.
7. Creating modules for nursing care in the management of clients.

### **PHARMACOLOGY, PATHOLOGY AND GENETICS**

1. Understanding the pharmaco-dynamics, pharmacokinetics, classification and principles of drug administration.
2. Applying knowledge in commonly used drugs like chemotherapy of specific infection and infestations, antiseptics, disinfectants and insecticides.
3. Demonstrating actions, dose, and route of various drugs on different systems of the body and the nurse responsibility.
4. Analyzing the toxic symptoms relating to common drugs and poisons.
5. Evaluating the various adverse effects of drugs on different system of body.
6. Creating awareness of common drugs used in alternative system of medicine

### **Pathology**

1. Understanding the deviation from normal to abnormal structure and functions of the body system.
2. Applying the knowledge of pathological changes in disease condition of whole body
3. Demonstrating various laboratory tests in assessment and monitoring disease condition.



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4. Analyzing the laboratory tests for examination of body cavity fluids, transudates and exudates. Evaluating the basic bed-side clinical pathology procedures of urine and stool examination.
5. Creating strategies to identify the disease through pathological changes and laboratory tests

### **Genetics**

1. Understanding the nature, principles and perspectives of heredity
2. Applying theoretical and practical knowledge about medical genetics
3. Demonstrating the types of inheritance in human and common genetic disorders
4. Analyzing the screening methods for genetic defects and diseases in neonates, children and adults
5. Evaluating the role of nurse in genetic services and practical skills of genetic counselling
6. Creating of pedigree and analysis of pattern of inheritance of genetic diseases

### **COMMUNITY HEALTH NURSING – I**

1. Understanding the concepts, theories and principles of community health nursing and various factors influencing health in the community.
2. Understand the concept of epidemiology, Methods and approaches of epidemiology.
3. Applying the theories and principles in preventing and promoting health by family centered epidemiological approach in providing care to individuals, families, and community for communicable and non communicable diseases.
4. Understand the health assessment of individual & family while providing family-oriented care and the functions of urban and rural health centers with health team.
5. Appreciate the concept and scope of demography.
6. Understand the impact of population explosion and population control.

### **COMMUNICATION AND EDUCATIONAL TECHNOLOGY**

1. Understanding the concepts, principles, philosophies and trends in teaching learning process.
2. Applying various instructional media and methods in teaching learning process along with the tools and techniques for assessment of knowledge,



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skill, and attitude.

3. Demonstrating the principles and steps of guidance and counselling.
4. Analyzing the importance of communication process, interpersonal relationship and human relations.
5. Evaluating the effective use of Information, Education and Communication (IEC) for health.
6. Creating new methods and instructional Medias for the teaching learning process

### **MEDICAL SURGICAL NURSING-II**

1. Understanding the relevant Anatomy and Physiology of various system & issues in the field of Medical Surgical Nursing.
2. Applying nursing process & theories in meeting the needs of client.
3. Demonstrating skills in health assessment and nursing procedures in providing care to patients.
4. Analyzing various recent technologies & treatment modalities in the management of Medically and Surgically ill patients.
5. Evaluating evidence-based nursing practice and identify the areas of research in the field of Medical Surgical Nursing.
6. Creating modules for nursing care in the management of Medically and Surgically ill patient

### **CHILD HEALTH NURSING**

1. Analyze the concept, principles, roles and functions of the pediatric nurse in caring for a hospitalized child.
2. Describe the Normal growth & development, general and nutritional needs of children at different ages.
3. Analyzing and interpret the various recent technologies, preventive measure and treatment modalities in the management of high risk and common childhood diseases.
4. Understand the management of child with the behavioural & social problems.
5. Identify the social & welfare services for challenged children.

### **MENTAL HEALTH NURSING**

1. Applying the concepts, principles and theories of mental health nursing in clinical and community settings.
2. Demonstrating the skills of mental status assessments, therapeutic





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communications and modalities as a psychiatric nurse.

3. Analyzing the mental health needs and scope of development in providing comprehensive care in mental health sector.
4. Evaluating professional competency in providing holistic mental health nursing care

### **NURSING RESEARCH AND STATISTICS**

1. Understanding the concepts of terminology, nursing research process and steps of Scientific methods.
2. Applying the concepts in identifying the nursing research problems and carrying out the nursing research.
3. Demonstrating the steps of review of literature, research methodology and data collection.
4. Analyzing the health needs and problems in nursing profession, hospital or community.
5. Evaluating the principles applied in research process for assigning research project to students.
6. Creating evidence-based practice by utilization of nursing research

### **ENVIRONMENTAL SCIENCES**

1. Understanding the scope and importance of environmental studies and the need of public awareness.
2. Applying the role of information technology in environment and human health.
3. Demonstrating biomedical waste management and hence controlling prevention of pollution.
4. Analyzing the conservation of biodiversity and to consider the threats to biodiversity.
5. Evaluating the issues involved in enforcement of environment and to find out the possible solutions.
6. Creating the awareness about the importance of protection and conservation of earth to promote environmental health

### **MIDWIFERY AND OBSTETRICAL NURSING**

1. Understanding the concepts of Midwifery & obstetrical Nursing
2. Acquiring knowledge & demonstrating skills in providing care to normal & high-risk pregnant women during antenatal, intranasal & postnatal period in hospital settings.



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3. Analyze the health needs of the mother & deliver an effective care at health care settings.
4. Evaluate professional efficiency in handling the high-risk cases of women during antenatal, intranasal & postnatal period.
5. Evaluating the skills in use of obstetrical instruments in emergency situations.
6. Understanding the importance of Family planning methods and implementing the family welfare programs in Hospital & Community Settings.

### **COMMUNITY HEALTH NURSING – II**

1. Understanding the concepts, theories, principles of community health Nursing and National health programmes and policy.
2. Applying the theories and principles in preventing and promoting health by family centered nursing approach in providing care to individuals, families, and community.
3. Demonstrating skills in health assessment and nursing care procedures of individuals, families and community as community nursing nurse at different levels of health care delivery system.
4. Analyzing the health needs and scope of development in providing comprehensive care in rural and urban health sector.
5. Evaluating professional competency in survey projects and evidence based nursing practice in community setting.
6. Creating leadership qualities and then illustrate the role & functions effectively as community health Nurse at different levels of health care settings and health agencies

### **MANAGEMENT OF NURSING SERVICES AND EDUCATION**

1. Understanding the aims, concepts, principles, philosophies and trends in management of nursing services and education.
2. Applying the principles of administration and management in nursing services and education.
3. Demonstrating leadership in nursing at various levels of health care and education services.
4. Analyzing the legal and ethical issues in nursing management and services.
5. Evaluating the various collaborative models in nursing education and nursing services to improve the quality of nursing care.
6. Creating new methods to conduct staff development and welfare services.

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