

Subject Code: 1NR2010102	Subject Title: ADVANCE NURSING PRACTICE
Pre-requisite	-----NA-----

Course Description

The course is designed to develop an understanding of concepts and constructs of theoretical basis of advance nursing practice and critically analyze different theories of nursing and other disciplines.

Teaching Scheme (Total Hours)				Evaluation Scheme (Marks)				
Lecture	Lab/Practical	Clinical Hours	Total Hours	Theory		Practical		Total
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
150	-	200	350	75	25	-	-	100

Objectives

At the end of the course the students will be able to:

1. Appreciate and analyze the development of nursing as a profession.
2. Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
3. Explain bio- psycho- social dynamics of health, life style and health care delivery system.
4. Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
5. Describe scope of nursing practice.
6. Provide holistic and competent nursing care following nursing process approach.
7. Identify latest trends in nursing and the basis of advance nursing practice.
8. Perform extended and expanded role of nurse.
9. Describe alternative modalities of nursing care.
10. Describe the concept of quality control in nursing.
11. Identify the scope of nursing research.
12. Use computer in patient care delivery system and nursing practice.
13. Appreciate importance of self-development and professional advancement.

Course Content:

Unit	Hours	Content
I	10	Nursing as a Profession History of development of Nursing Profession characteristics, criteria of the profession, perspective of nursing profession-national, global Code of ethics(INC), code of professional conduct(INC), autonomy and accountability, assertiveness, visibility of nurses, legal considerations, Role of regulatory bodies Professional organizations and unions-self defense, individual and collective bargaining Educational preparations, continuing education, career opportunities, professional advancement & role and scope Of nursing education Role of research, leadership and management. Quality assurance in nursing (INC). Futuristic nursing.
II	5	Health care delivery Health care environment, economics, constraints, planning process, policies, political process vis a vis nursing profession. Health care delivery system- national, state, district and local level. Major stakeholders in the health care system-Government, non-govt, Industry and other professionals. Patterns of nursing care delivery in India. Health care delivery concerns, national health and family welfare programs, inter-sectoral coordination, role of non-governmental agencies. Information, education and communication (IEC). Tele-medicine.
III	10	Genetics Review of cellular division, mutation and law of inheritance, human genome project ,The Genomic era. Basic concepts of Genes, Chromosomes & DNA. Approaches to common genetic disorders. Genetic testing – basis of genetic diagnosis, Pre symptomatic and predisposition testing, Prenatal diagnosis & screening, Ethical, legal & psychosocial issues in genetic testing. Genetic counseling. Practical application of genetics in nursing.

IV	10	Epidemiology Scope, epidemiological approach and methods, Morbidity, mortality, Concepts of causation of diseases and their screening, Application of epidemiology in health care delivery, Health surveillance and health informatics Role of nurse
V	20	Bio-Psycho social pathology Pathophysiology and Psychodynamics of disease causation Life processes, homeostatic mechanism, biological and psycho-social dynamics in causation of disease, life style Common problems: Oxygen insufficiency, fluid and electrolyte imbalance, nutritional problems, hemorrhage]and shock, altered body temperature, unconsciousness, sleep pattern and its disturbances, pain, sensory deprivation. Treatment aspects: pharmacological and pre- post operative care aspects, Cardio pulmonary resuscitation. End of life Care Infection prevention (including HIV) and standard safety measures, bio-medical waste management. Role of nurse- Evidence based nursing practice; Best practices Innovations in nursing
VI	20	Philosophy and Theories of Nursing Values, Conceptual models, approaches. Nursing theories: Nightingale's, Henderson's, Roger's, Peplau's, Abdella's, Lewine's, Orem's, Johnson's, King's, Neuman's, Roy's, Watson's, etc and their applications, Health belief models, communication and management, etc Concept of Self health. Evidence based practice model.
VIII	10	Nursing process approach Health Assessment- illness status of patients/clients (Individuals, family, community), Identification of health-illness problems, health behaviors, signs and symptoms of clients. Methods of collection, analysis and utilization of data relevant to nursing process. Formulation of nursing care plans, health goals, implementation, modification and evaluation of care.

IX	30	Psychological aspects and Human relations Human behavior, Life processes & growth and development, personality development, defense mechanisms, Communication, interpersonal relationships, individual and group, group dynamics, and organizational behavior, Basic human needs, Growth and development, (Conception through preschool, School age through adolescence, Young & middle adult, and Older adult) Sexuality and sexual health. Stress and adaptation, crisis and its intervention, Coping with loss, death and grieving, Principles and techniques of Counseling.
X	10	Nursing practice Framework, scope and trends. Alternative modalities of care, alternative systems of health and complimentary therapies. Extended and expanded role of the nurse, in promotive, preventive, curative and restorative health care delivery system in community and institutions. Health promotion and primary health care. Independent practice issues,- Independent nurse-midwifery practitioner. Collaboration issues and models-within and outside nursing. Models of Prevention, Family nursing, Home nursing, Gender sensitive issues and women empowerment. Disaster nursing. Geriatric considerations in nursing. Evidence based nursing practice- Best practices Trans-cultural nursing.
XI	25	Computer applications for patient care delivery system and nursing practice Use of computers in teaching, learning, research and nursing practice. Windows, MS office: Word, Excel, Power Point, Internet, literature search, Statistical packages, Hospital management information system: softwares.

Practical

Clinical posting in the following areas:

- Specialty area- in-patient unit - 2 weeks
- Community health center/PHC - 2 weeks
- Emergency/ICU - 2 weeks

Activities

- Prepare Case studies with nursing process approach and theoretical basis
- Presentation of comparative picture of theories
- Family case- work using model of prevention
- Annotated bibliography
- Report of field visits (5)

Methods of Teaching

- Lecture cum discussion
- Seminar
- Panel discussion
- Debate
- Case Presentations
- Exposure to scientific conferences
- Field visits

Methods of evaluation :

- Tests
- Presentation
- Seminar
- Written assignments

Advance nursing Procedures

Definition, Indication and nursing implications;

- CPR, TPN, Hemodynamic monitoring, Endotracheal intubation, Tracheostoma, mechanical ventilation, Pacemaker, Hemodialysis, Peritoneal dialysis, LP, BT Pleural and abdominal paracentesis OT techniques, Health assessment, Triage, Pulse oxymetry

Internal Assessment

Techniques

Weightage

Test- (2 tests)	50
Assignment	25
Seminar/presentation	25

100



FACULTY OF NURSING
First Year M.Sc (Nursing)
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