

COURSE PLAN

ADVANCE NURSING PRACTICE

Placement: 1ST Year

Hours of Instruction

Theory 150 Hours

Practical 200 Hours

Total : 350 Hours

Course Description

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

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 OUTLINE

UNIT	HOURS	CONTENT	METHOD OF TEACHING	ASSESSMENT METHODS
I	10	<p>Nursing as a Profession</p> <ul style="list-style-type: none"> • History of development of nursing profession, characteristics, criteria of the 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Essay Type • Short Answers

		<p>profession, perspective of nursing profession-national, global</p> <ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Seminar / Presentations 	
II	5	Health care delivery		

		<ul style="list-style-type: none"> • 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 nongovernmental agencies. • Information, education and communication (IEC). • Tele-medicine. 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar / Presentations • Project work • Field visits 	<ul style="list-style-type: none"> • Essay Type • Short Answers
III	10	Genetics		<ul style="list-style-type: none"> • Essay Type

		<ul style="list-style-type: none"> • 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 counselling. • Practical application of genetics in nursing. 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration/ Return demonstration • Seminar / Presentations 	<ul style="list-style-type: none"> • Short Answers
IV	10	<p>Epidemiology</p> <ul style="list-style-type: none"> • Scope, epidemiological approach and methods, • Morbidity, mortality, 	<ul style="list-style-type: none"> • Lecture cum discussion 	<ul style="list-style-type: none"> • Essay Type • Short Answers

		<ul style="list-style-type: none"> • Concepts of causation of diseases and their screening, • Application of epidemiology in health care delivery, Health surveillance and health informatics • Role of nurse 	<ul style="list-style-type: none"> • Demonstration/ Return demonstration • Seminar / Presentations 	
V	20	<p>Bio-Psycho social pathology</p> <ul style="list-style-type: none"> • 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, haemorrhage and shock, altered body temperature, unconsciousness, sleep pattern and its disturbances, pain, sensory deprivation. 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration/ Return demonstration • Seminar / Presentations • Project work 	<ul style="list-style-type: none"> • Essay Type • Short Answers

		<ul style="list-style-type: none"> • 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	<p>Philosophy and Theories of Nursing</p> <ul style="list-style-type: none"> • 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 parse, etc and their applications, 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar / Presentations • Project work 	<ul style="list-style-type: none"> • Essay Type • Short Answers

		<ul style="list-style-type: none"> • Health belief models, communication and management, etc • Concept of Self health. • Evidence based practice model. 		
VII	10	<p>Nursing process approach</p> <ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Lecture cum discussion • Seminar / Presentations • Workshop 	<ul style="list-style-type: none"> • Essay Type • Short Answers
VIII	30	<p>Psychological aspects and Human relations</p>		<ul style="list-style-type: none"> • Essay Type

		<ul style="list-style-type: none"> • Human behaviour, Life processes & growth and development, personality development, defense mechanisms, • Communication, interpersonal relationships, individual and group, group dynamics, and organizational behaviour • 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 Counselling. 	<ul style="list-style-type: none"> • Lecture cum discussion • Demonstration/ Return demonstration • Seminar / Presentations 	<ul style="list-style-type: none"> • Short Answers
IX	10	<p>Nursing practice</p> <ul style="list-style-type: none"> • Framework, scope and trends. 		<ul style="list-style-type: none"> • Essay Type • Short Answers

		<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• Lecture cum discussion• Seminar / Presentations• Project work	
--	--	---	---	--

		<ul style="list-style-type: none"> • Evidence based nursing practice- Best practices • Trans-cultural nursing. 		
X	25	<p>Computer applications for patient care delivery system and nursing practice</p> <ul style="list-style-type: none"> • 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: software. 	<ul style="list-style-type: none"> • Lecture cum discussion • Project work 	<ul style="list-style-type: none"> • Essay Type • Short Answers

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

REFERENCE BOOKS:

1. Ann j.zwemer, Professional Adjustments And Ethics For Nurses In India, 6th Ed, 2006, B.I.Publishers.
2. Roberta hunt, Introduction To Community-Based Nursing, 3rd Ed, 2005, Lippincott Williams & Wilkins
3. Kamalam,s., Essentials In Community Health Nursing Practice,2005, Jaypee
4. Mary Lucita , Public Health And Community Health Nursing In The New Millennium,2006, B.I
5. Park.K, Park's Textbook Of Preventive And Social Medicine, 19th Ed, 2007, Banarsidas Bhanot
6. Kasthuri Sundar Rao, An Introduction To Community Health Nursing, 4th Ed, 2004, Banarsidas Bhanot

7. Karanbir Singh, Computers For Nurses Made Easy, 2007, Jaypee
8. Naveen Thacker; Niranjan Shendurnikar Eds, Computers For Nurses,2006, Jaypee
9. Basavanthappa,B.T, Fundamentals Of Nursing, 2004, Jaypee
10. Beverly witter du gas, Introduction To Patient Care : A Comprehensive Approach To Nursing, 4th Ed, 1983, Elseiver Publishers
11. Indrani,t.k, History Of Nursing,4th Ed, 2004, Jaypee
12. Basavanthappa,B.T, Nursing Theories,2007, Jaypee
13. Doug elliott; Leanne M.Aitken; Wendy Chaboyer., Accn`S Critical Care Nursing, 2007, Elseiver
14. Marilyn e.Doenges; Mary Frances Moorhouse; Joesph T.Burley, Application Of Nursing Process And Nursing Diagnosis : An Interactive Text For Diagnostic Reasoning,2nd Ed, 1995, Jaypee
15. Molly Sam, Nursing Process : A Clinical Guide,1997, Jaypee
16. Shakuntla Sharma Birpuri, Principles And Practice Of Nursing.2005, Jaypee
17. Veerma,p.k, Principles And Practice Of Critical Care,2006, B.I.
18. Gangane s.d, Human Genetics, 2nd Ed, 2000, Jaypee
19. Lynn B.Jorde; John C.Carey; Michael J.Bamshad, Medical Genetics, 3rd Ed, 2003, Elseiver
20. Jaya kurvilla, Essentials Of Critical Care Nursing, 2007, Jaypee
21. Carol taylor; carol lillis, Fundamentals Of Nursing:The Art And Science Of Nursing Care, 5th Ed, 2005 , Elseiver
22. Maggie davies; wendy maddock eds., Health Promotion Theory,2006, Tata Mc Graw Hill
23. Kathleen koernig blasis; Janice S.Hayes; Barbara Kozier, Professional Nursing Practice : Concepts And Perspective, 2006, Pearson
24. Patricia A.Potter; Anne Griffin Perry, Fudamentals Of Nursing, 6th Ed, 2005, Elseiver

25. Joseph t. Catalano, Nursing Now : Today's Issues, Tomorrow's Trends, 4th Ed, 2007, Jaypee
26. Shirley May Harmon Hanson; Vivian Gedaly-Duff; Joanna Rowe Kaakinen, Family Health Care Nursing : Theory, Practice & Research, 3rd Ed, 2007, Jaypee
27. Sandra m. Nettina, Lippincott Manual Of Nursing Practice, 3rd Ed, 2000, Lippincott & Williams
28. Rajinikanth,A.M, Essential Communication In Nursing, 2006, Jaypee
29. Suresh Kumar Sharma, Human Genetics In Nursing, 2007, Jaypee
30. Charlotte Elliopoulos, Gerontological Nursing,6th Ed, 2006,Lippincott & Wilkins
31. Carol Mattson Porth, Essentials Of Pathophysiology : Concepts Of Altered Health States,2nd Ed, 2007, Lippincott & Wilkins
32. Martin Dawes; Philip Davies; Alastair Gray; Jonathan Mant, Evidence-Based Practice : A Primer For Health Care Professionals, 2nd Ed, 2008, Elseiver Publishers