

## Nursing Science And Theory Development Including Nursing Leadership

Contact =75 hrs

Self study=45 hrs

Total hours of instruction .. 120 hrs (8 credits)

1. Nursing leadership in Health Care delivery system.. Contact hrs (20) :  
Self study : 10 hrs  
(2 credits)

2. Philosophy of Nursing Science and Theoretical perspectives .. Contact  
hrs (15) : Self study : 15 hrs  
(2 credits)

3. Nursing theories and theory development .. Contact  
hrs (40) : Self study : 20 hrs  
(4 credits)

## I. NURSING LEADERSHIP IN HEALTH CARE DELIVERY SYSTEM- 20 hrs

### Course overview:

This course is designed to prepare the doctoral student to identify and utilize the nursing science and leadership roles as a basis for analyzing, developing and implementing national health policy and population policy and development of nursing profession.

### Course objectives:

Upon completion of this course the student will be able to:

1. analyze the health problems and societal forces, health economics and politics in relation to corresponding national health policy and population policy
2. relate the impact of health policy and population policy to structure, content, distribution and financing of health services in general and nursing services in particular.
3. analyse the leadership theories
4. identify the leadership roles necessary for the nursing leaders for developing nursing profession and people's health.

### Syllabus:

#### I. Current health issues and policies - 8 hrs (T. Dileep kumar)

1. Analysis of current health problems – national & global
2. Health care delivery system in India
3. National health policy, population policy and alternative systems of medicine
4. Health policy issues relevant to nursing practice – Development of nursing services in health policy
5. The functions and roles of law in health care delivery – Existing legislations related to nursing . Laws for new and emerging roles (eg) Nurse practitioner, private practice (nursing homes)
6. Social system and health policy
7. Politics & health policy – Lobbying for development of nursing profession
8. Health economics and health policy  
(Economics of health care and nursing)
9. Health insurance

## II. Nursing Leadership:- 8 hrs (Dr Reddemma)

1. Leadership theories
2. Nursing leadership and decision making
3. Nursing leadership and change process
4. Human resource planning and management by nurse leaders
5. Profession building in health care system – Advocacy, Lobbying
6. Nursing ethics
  - Code of ethics, professional conduct for nurses in India
  - Nursing standards, nursing practice, standards and quality assurance
7. Human relations
  - Valuing human being
8. Communication skills

## III. Nursing informatics: 4 hrs (Dr Jolly Jose)

- Nursing management information system, Networking institutions through literature search.
- Nursing Universities, Internet, Literature search
- Knowledge about basic computers – Review

Or

1. Overview of Computers and Nursing
2. Computer Systems- Data processing, the internet, a nursing resource
3. Nursing Informatics and health care policy, privacy, confidentiality and security
4. Nursing informatics theory, clinical information systems
5. Applications- Practice applications, Administrative application (information technology for nursing managers), educational applications and Research applications.
6. Consumer use of informatics
7. The future of informatics

## II. PHILOSOPHY OF NURSING SCIENCE AND THEORETICAL PERSPECTIVES- 15 hrs

### Course overview:

This is an introductory course. It begins the students' integrative analysis of the conceptual and empirical base of the domain of nursing. This course enables the student to trace the historical development and current status of nursing science in the context of the philosophy and history of science. (Study of nursing as a scientific discipline)

### Objectives:

Upon completion of this course, the student will be able to:

1. analyse the historical roots and current status of contemporary nursing science
2. explicate the paradigms of inquiry which influence the investigation of nursing phenomena
3. explore the impact of scientific issues on the development of nursing science

### SYLLABUS (Dr Punita)

1. Introduction to the course, study of philosophy, History of philosophy
2. History and philosophy of nursing science
3. Nursing as a science and a discipline (Evolution and development)
4. Nursing knowledge and development
  - Historical roots
  - Domains of nursing
  - Paradigms in nursing
  - Knowledge development
5. Paradigms that influence approach to nursing science development.
6. Epistemological and ontological assumptions of diverse approaches to knowledge generation in nursing.

### III. NURSING THEORIES AND THEORY DEVELOPMENT- 40 hrs

#### Course overview:

This is designed to facilitate the refinement of the critical skills necessary for analyzing and evaluating theoretical formulations, synthesizing theoretical components into conceptual models and developing testable hypotheses. The interrelationships among theory and practice and research in nursing will be examined.

#### Objectives:

- to describe strategies for concept and theory development
- to get overview of nursing theories
- to evaluate theories used in nursing practices
- demonstrate skill in developing and testing conceptual models that will impact nursing science
- examine interrelationship among science, theory, practice and research in nursing.

#### Syllabus:

##### 1. Epistemology- 5 hrs (Dr Jolly Jose)

- Concepts, statements and theories
- Strategies for theory development
- Evaluation of theories
- Metatheory

##### 2. Overview of theory in nursing- 10 hrs Dr Manju Vatsa

- Overview of theory
- Importance of theory in nursing
- Historical overview
- Classification of theories in nursing
- Issues in theory development in Nursing
- Nursing Theory : an examination of the concept development of nursing theory.

##### 3. Overview of nursing theories- 15 hrs Dr Asha Sharma

The theorists and the theories

- On nursing clients
- On human being - Environment interactions
- On interactions
- On nursing therapeutics
- Other theories

4,5,6,7=10 hrs (Dr Reddemma)

4. Analysis of Nursing theories & evaluation of nursing theories-
5. Nursing theory and practice
6. Nursing theory and research
7. Inter relationships between science, theory, practice and research in Nursing.

## Research Methodology and Applied Statistics

Contact hrs=60

Self study= 30 hrs

- Unit – I Introduction : Methods of acquiring knowledge problem solving and scientific method. Research – definition types characteristics Terminology used in research, purpose, scope and of research. Research and Nursing : Purpose scope and need for Nursing Research, development of research in Nursing, areas of Nursing research.( 3 hrs)- **Dr Jolly jose**
- Unit – II Research process overview : Statement of the problem and research objectives, concepts and constructs, variables assumptions, definitions hypotheses formulation and types Delimitation. (5 hrs)- **Dr Punita**
- Unit – III Review of related literature Need purpose and sources: Library, -On-line search, retrieval of database from different CD-ROMs and use of A.V. Aids. (5 hrs)- **Dr Walia**
- Unit-IV Research approaches and Designs:- (25 hrs) **(RAK and AIIMS- Dr Asha Sharma, Dr Manju Vatsa)**
- Historical approaches
  - Survey and experimental approaches,
  - Qualitative research approaches, ethnography and phenomology.
  - Longitudinal, cross sectional and cohort studies-advantages and disadvantages.
  - Experimental designs-Purposes, characteristics, types of design, pre-experimental and quasi and true implemented design, steps of experimental research
  - Sampling Methods-size, criterias of Population, Techniques of sampling criteria, determination of sample size
  - Data collection-Tools and techniques, types, purposes, characteristics and uses.
  - Scale/Construction of tools-Selection/Construction of tools, Testing validity and reliability.
  - Techniques of data collection: Technique, tools used for qualitative research, observation, Focus group discussion, measurement and record analysis and field trips.
- Unit-V Data collection procedures, analysis & interpretation and data management. (5 hrs)- **Dr Walia**

- Unit – VI Ethical considerations in Nursing Research (2 hrs)- **Dr. Jolly jose**
- General considerations
  - Ethical considerations specific to approaches, design and data collection procedures.
  - Ethics Committee – composition, role and importance
  - Guidelines for ethical clearness
  - Ethical issues the relation to scientific and professional community (Plagarism)
- Unit – VII Qualitative and quantitative analysis (10)- **Dr Reddemma**
- Descriptive, inferential and advance statistics
  - Parametric and Non parametric methods
  - Multivariate analysis
- Unit – VIII Communicating research findings (5 hrs)- **Dr Punita**
- Research critic
  - Project proposal for funding
  - Research utilization