

DR.D.Y.PATIL COLLEGE OF NURSING, PIMPRI, PUNE-18.

M.Sc. First Year Lesson Plan

Subject: Nursing Research

Total =100(Theory) +50 (Practical)

Faculty: Ms.Sucheta Yangad

Unit	Hours	Content	Lesson in Hours	Lesson Series			
I	12	Introduction : · Methods of acquiring knowledge – problem solving and scientific method. · Inductive and deductive reasoning · Research – definition, Characteristics, purposes, kinds of research · Historical Evolution of research in nursing · Basic research terms · Scope of nursing research : areas, problems in nursing, health and social research, · Role of research in nursing · Evidence based practice · Ethics in research · Overview of Research process	1	1			
			1	2			
			2	4			
			1	5			
			1	6			
			1	7			
			1	8			
			1	9			
			1	10			
			2	12			
			II	5(T)+ 5(P)	Review of Literature * Importance, purposes, scope, sources, criteria for selection of resources and steps in reviewing literature.	1+1	13-14
						1+1	15-16
1+1	17-18						
1+1	19-20						
1+1	21-22						
III	12	Research Approaches and designs · Type: Quantitative and Qualitative · Historical, survey and experimental – Characteristics, types advantages and disadvantages · Qualitative: Phenomenology, grounded Theory, ethnography · Research designs, its importance , characteristics of good design · Threats to internal and external validity	2	23-24			
			2	25-26			
			1	27			
			2	28-29			
			1	30			
			2	31-32			
			2	33-34			
			IV	10(T)+ 5(P)	Research problem : · Identification of research problem, · Sources of research problem · Formulation of problem statement and research objectives · Definition of terms · Assumptions and delimitations and limitation · Identification of variables · Hypothesis – definition, formulation and types	1+2	35-37
2	38-39						
1+1	40-41						
2	42-43						
1+1	44-45						
1+1	46-47						
1+1	48-49						

V	5(T)+ 5(P)	Developing theoretical / conceptual framework · Theories: Nature, Characteristics, Purpose and uses · Using, testing and developing conceptual framework, models and theories	3+3 2+2	50-55 56-59
VI	6	Sampling · Population and sample · Factors influencing sampling · Sampling techniques · Sample size · Probability and sampling Error · Problems of sampling	1 1 1 1 1 1	60 61 62 63 64 65
VII	20(T)+ 10(P)	Tools and methods of Data collection : · Concepts of data collection · Data sources, methods/techniques quantitative and qualitative · Tools for data collection – types, characteristics and their development · Validity and reliability of tools · Procedure for data collection	4+2 4+2 4+2 4+2 4+2	66-71 72-77 78-83 84-89 90-95
VIII	5	Implementing research plan · Pilot study, review research plan (design), planning for data collection, administration of tool / interventions, collection of data	3 2	96-98 99-100
IX	10(T)+ 10(P)	Analysis and interpretation of data · Plan for data analysis: quantitative and qualitative · Descriptive and Inferential Analysis · Preparing data for computer analysis and presentation · Statistical analysis · Interpretation of data · Conclusion and generalizations · Summary and discussion	2+2 1+1 1+1 1+1 1+1 2+2 2+2	101-104 105-106 107-108 109-110 111-112 113-116 117-120
X	10	Reporting and utilizing research findings: · Communication of research results; oral and written · Writing research report purposes, methods and style-Vancouver, American Psychological Association (APA), Campbell etc · Writing scientific article for publication: purposes & style	2 2 2 2 2	121-122 123-124 125-126 127-128 129-130
XI	3+6	Critical analysis of research reports and articles	3+6	131-139
XII	4+7	Developing and presenting a research proposal	4+7	140-150

References – for Nursing Research

1. Basavanthappa, B.T., Nursing Research, Jaypee Brothers, New Delhi, 2003.
2. Garrett, H.E. Statistic in Psychology & education. Vakils, Feffer and Samons, Bombay.
3. Mahajan, B.K. Methods in Biostatistics, Jyppe. 6th ed.1999.
4. Rose Hott & Budin. Notter's Essentials of Nursing Research 5th ed. spinger publisher, Newyork. 1999
5. Patricial Nunhall. Nursing Research 3rd ed. James & Bar. 2001. Canada
6. Caroly M.H. Research methods for clinical Therapists Applied project design and analysis second ed.1999. Churchill Livingstone.
7. P.K. Indrani, T.K. Research Methods for Nurses. Jyppe, 2005.
8. Clifford etal, Getting Research into Practice, Churchill Livingstone, New York, 2004.
9. Freshwater, D & Bishop, V, Nursing Research In Context, Palgrave Macmillan, New York, 2004.
10. Freshwater, D & Bishop, V, Nursing Research In Context, Palgrave Macmillan, New York, 2004.
11. Macnee, C L ,Understanding Nursing Research: Reading & Using Research in Practice, Lippincott Williams, Wilinks, London. 2004.
12. Polit, D.F.& Beck, C.T.,Nursing Research Principles & Methods, 7th Ed, Lippincott Williams Wilkins,New York,2004.
13. Burns & Grovo. Under standing Nursing Research. 4th ed. Elsevier. 2007
14. Polit, Beck & P. Hungler" Nursing Research methods, Appraisal & Utilization" 5th edition 2001, Lippincott.
15. Specials & Carpenter Qualitative Research in Nursing Advancing the H amanistic imperative 4th ed. Lippincott Williams. 2007

Journals:

- 1 Journal of nursing practice and research.
- 2 Indian journal of medical ethics.

Methods of Evaluation

- Quiz, Tests (term)
- Assignments / Term paper
- Review of literature of at least 20 Journals and 20 book - 50 marks
- Research Critiques- 50 marks
- Presentations- Presentation of two related researches **50 marks**
- Project Work Project on topic of Interest **100 marks**

Internal Assessment	
Technique	Weightage (15 marks)
Term Test – (2 tests)	40%
Assignment	20%
Presentation	20%
Project work	20%
Total	100%

SR.NO.	Techniques Number	Weightage
	Testes 2	
	Midterm	(30 (Research) + 20(Statistics) = 50 marks)
	Prefinal	(50 (Research) + 25(Statistics) = 75 marks)

Total Internal Assessment 15 (Research) + 10 (Statistics) = 25

Total External Assessment 50 (Research) + 25 (Statistics) = 75