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

**M.Sc. First Year Lesson Plan**

**Subject:** Nursing Research  
**Faculty:** Ms. Sucheta Yangad

<table>
<thead>
<tr>
<th>Unit</th>
<th>Hours</th>
<th>Content</th>
<th>Lesson in Hours</th>
<th>Lesson Series</th>
</tr>
</thead>
</table>
| 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)+  | **Review of Literature**  
· Importance, purposes, scope, sources, criteria for selection of resources and steps in reviewing literature. | 1+1 | 13-14 |
|      | 5(P)   |         | 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)+ | **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 |
<p>|      | 5(P)   |         | 2 | 38-39 |
|      |        |         | 1+1 | 40-41 |
|      |        |         | 2 | 42-43 |
|      |        |         | 1+1 | 44-45 |
|      |        |         | 1+1 | 46-47 |
|      |        |         | 1+1 | 48-49 |</p>
<table>
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<tr>
<th>Section</th>
<th>Code</th>
<th>Description</th>
<th>Pages</th>
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</table>
| 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 50-55  
2+2 56-59 |
| VI      | 6    | Sampling  
· Population and sample  
· Factors influencing sampling  
· Sampling techniques  
· Sample size  
· Probability and sampling Error  
· Problems of sampling | 1 60  
1 61  
1 62  
1 63  
1 64  
1 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 66-71  
4+2 72-77  
4+2 78-83  
4+2 84-89  
4+2 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 96-98  
2 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+2 101-104  
1+1 105-106  
1+1 107-108  
1+1 109-110  
1+1 111-112  
2+2 113-116  
2+2 117-120 |
| 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 | 2 121-122  
2 123-124  
2 125-126  
2 127-128  
2 129-130 |
| 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

15. Specials & Carpenter Qualitative Research in Nursing Advancing the Humanistic 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

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<tr>
<th>SR.NO.</th>
<th>Techniques Number</th>
<th>Weightage</th>
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<tbody>
<tr>
<td>Testes 2</td>
<td></td>
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<tr>
<td>Midterm</td>
<td>(30 (Research) + 20(Statistics) = 50 marks)</td>
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<tr>
<td>Prefinal</td>
<td>(50 (Research) + 25(Statistics) = 75 marks)</td>
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Total Internal Assessment 15 (Research) + 10 (Statistics) = 25
Total External Assessment 50 (Research) + 25 (Statistics) = 75