

**International Workshop
on
“Research Methodology: Improving
Quality of Post Graduate Thesis”**

(20th April 2015 -22nd April 2015)



**University College of Nursing
Constituent College of
Baba Farid University of Health Sciences, Faridkot-
151203
Venue: Multipurpose Hall**

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OBJECTIVES OF THE RESEARCH METHODOLOGY WORKSHOP

At the end of the workshop participants will be able to:

1. Compare and contrast assumptions and theoretical underpinnings of qualitative and quantitative research designs.
2. Select a researchable problem, state a hypothesis or research question and frame study objectives.
3. Search, review and critically evaluate research literature.
4. Apply knowledge of quantitative research methods in identifying appropriate designs, sampling, data collection and descriptive and inferential analytic procedures for the study of specific health related problems.
5. Demonstrate knowledge of instruments development and evaluation.
6. Describe the appropriate use of selected statistical packages for the data analysis.
7. Explain key elements of sampling, data collection and analysis in qualitative research.
8. Analyze the rigor/quality associated with qualitative methods.
9. Explain the key elements of a research proposal/synopsis.
10. Critically evaluate research studies.
11. Explain what is involved in writing a scientific paper for publication.

**Tentative Schedule of
International Workshop on
Research Methodology : Improving Quality of Post Graduate
Thesis
Day 1 (20-04-2015)**

Time	Content
8.00-9.00 am	Registration
9.00 -10.30 am	Inauguration and High Tea
10.30-11.45 am	Overview of research Methodology /Quantitative Research versus Qualitative research
11.45 am-12.30pm	Research Question and hypothesis/ Assumptions
12.30-1.15 pm	Qualitative Research designs
1.15-2.00 pm	Experimental Research Designs : True versus Quasi Experimental
2.00-2.30 pm	Lunch Break
2.30-3.20pm	Cross-sectional / Time-series
3.20-4.00 pm	Case Control/Cohort Studies
4.00-4.30pm	Salient features of developing research proposal
4.30-5.00pm	Feedback
	Day 2 (21-04-2015)
9.00-10.00am	Research Protocol Discussion
10.00 am-11 .15 am	Information retrieval in health sciences and search engines : Hands on
11 .15am-12.00pm	Developing Conceptual Framework/models for research study
12.00 pm-12 .45 pm	Ethical considération in health sciences research
12.45 pm-1.30 pm	Stratigies for analysing qualitative data

1 .30pm-2.00pm	Lunch Break
2.00 pm-3 .00 pm	Samples, Sampling Techniques and Determining Sample Size
3.00 pm-4.15 pm	Data Concepts : Types, Expressions, Presentation and Examples /Basic Statistics : Descriptive and inferential.
4.15 pm-5.15 pm	Techniques of data collection/ designing research Tools
5.15 pm-5.30 pm	FeedBack
	Day 3 (22-04-2015)
9.00am-10.00am	Research Protocol présentation and Discussion
10.00am-11 .00am	Writing style of thesis : example of a good thesis
11 .30am-12.30pm	Use of Statistical Packages for data analysis
12.30 pm-1.30 pm	Lunch Break
1 .30pm-2.00pm	Writing research report for publication
2.00 pm-3 .00 pm	Selecting a sound évidence for practice : Critical évaluation of research report
3.00pm-3. 30 pm	Valedictory