

# December 2015

15/12/2015 To 17/12/2015

The workshop started with the inauguration of the workshop by the hands of Dr Bhosale (Prof) B. J. Medical College and Mrs. Jyoti. Naikare. Principal, Sinhgad College of Nursing. The session followed with the first lecture Introduction to research Methodology by Dr Bhosale.

## Day I

1. Introduction to research methodology and Study designs-1:Descriptive studies was taken by Dr Bhosale and following points were covered what is research , various scientific methods research questions, descriptive study bias and its types and exposure rates.

2. Case control and cohort studies and Experimental studies.- Dr Suvarna Joshi.

In this session relative risk, attributed risk, comparison between cohort and case control study , experimental research Prerequisites (Ethical, Proof of safety, Proof of efficacy)  
Types of common experimental studies, Phases in clinical trial, Blinding & necessity of control group, Steps in a typical clinical trial , Possible biases and their resolution  
Group activity-1: The Participants were divided into 5 groups each. Each group discussed among itself and came out with at-least 2 research questions and related hypothesis. They presented the research question, with reason of selection, type of study and independent and dependent variables in the study.

3. Types of Data and Data presentation- Dr Prasad Pore.

In this session variables and its types, types of data, data editing and grouping ,sampling methods and sample size and summarization of data was discussed practically .

4. Literature search: Dr Madhura. Ashturkar.

What is research review, meaning, sources and how to locate for the researches was showed online with the help of internet facility.

## Day II.

Group activity-2: The same groups were given time to search references related to topics on the topic which were finalized and discussed in GA-1

5. Sampling: Methods and sample size. Dr Prasad Pore.

Sampling methods, probability and non probability methods, how to determine sample size and summarization of data was discussed theoretically as well as practically. Group Activity-3: Each group discussed and presented the Sampling method and sample size adopted for the study selected in GA-1.

6. Inferential Statistics. Dr Garad. S.S.

Madam explained following points meaning of biostatistics, types, meaning of inferential statistics, various methods used in statistics, steps used for any test . Madam discussed and clarified their doubts of students about inferential statistics and their study.

Group activity-4: The groups discussed about the inferential statistics (statistical tests) applied for the study design.

7. Questionnaire Designing: Col S.L.Jadhav.

Dr. Col. Jadhav discussed about Review of Data Sources and Data Collection Instruments for data collection, Questionnaire as a data collection tool – Types, strengths and limitations, Principles of Questionnaire Design - Purpose, type of information, Wording the questions, response types and rating scales Prevalidation, Response rates, Reliability and Validity.

8. Writing a research protocol: Dr. Ranjana. Shahashtrabudhe.

Following points were taken by Madam in this session Title and Abstract, Introduction, aims and objectives, Context – review of relevant literature, Methodology – Research Question, Study Design, Description of methodology, plan of analysis , References – Citations, Citing styles, citing journals, books, internet references

### Day III

1. Ethical Issues in medical research and Evaluation of a Diagnostic test: Dr. Surekha. Shinde.

In this session ethical issues, Nuremberg code ,Belmont report, tuskege study, declaration of Helinski, ICMR,MCI points discussed .Students discussed about the ethical issues of their studies and got their points cleared. Madam also took lecture on diagnostic test, its accuracy, common screening, validity and reliability was also taken.

2. Critical evaluation of journal article. : Dr. Madhura. Ashturkar.

Madam presented and discussed about how to critically evaluate a journal article. She took 3 Nursing related articles and demonstrated of how to evaluate the journal article.

GA-5 :) Students presented two journal articles of different study designs in front of the groups

3. Qualitative research methods. : Dr. Madhura. Ashturkar.

Madam dealt with meaning of qualitative research, types of qualitative design, data collection method, difference between quantitative and qualitative research, and examples of each

4. Computer assistance in Data Analysis Excel and EPI Info. Dr Garad S. S.

Madam demonstrated about data analysis in excel sheet and the EPI info.  
The workshop concluded with post test and valedictory function.

## PROGRAM EVALUATION FEEDBACK

Table showing the Program Evaluation feedback

Sr no	questions	yes	no	not sure
1	objects largely achieved	43	4	3
2	workshop was useful	47	3	
3	faculty Resourceful	47	2	1
4	implement what is learnt	48	1	1
5	balance of theory and practical	34	2	1
6	time management satisfactory	35	15	

### What was the best in the workshop?

Group activity, lecture of introduction to research and inferential statistics.

### How it could be made better?

The suggestion was that Nursing Faculty should be included in the workshop as speakers which would relate more to Nursing.

## Report of World Aids Day celebration

02/12/2015 Time:- 9 am to 1 pm

**Venue:-** Urban health training centre passage & community hall (UHTC) { Kondhwa (bk)} **Organiser:** Mrs. Reshma Bodhak class co-ordinator of second year P B Bsc Ms.Sneha Mankar **Guest of honour:** Dr. Mrs Sangita Pawar

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# THEME:-“GETTING TO ZERO”(WHO)

**EVENT:-** Celebration 'World AIDS Day' on 2nd December 2015.

**Participants:** 2nd year P.B.B.Sc students

Students conducted Street Play, gave health education , conducted Poster exhibition AIDS.

Introduction & history about AIDS day was also given to the community. Dr. Sangita Pawar was felicitated by Mrs Reshma Bodhak. A brief speech was given by the guest of honour .Vote of thanks was proposed further. Overall the event was successful and very useful for the community.