

WORKSHOPS ON RESEARCH METHODOLOGY

5TH TO 7TH September 2018



ORGANIZED BY DIRECTORATE OF RESEARCH PIMS – DU LONI.

Loni-413736, Tal: Rahata, Dist: Ahmednagar (Maharashtra)

Day wise Schedule workshop

Tentative Program Schedule of Research Methodology Workshop

(Basic) Number of participants: 45-50

DAY-5th September 2018

Sr No	Lecture	Topic	Faculty	Time Minutes	From -To
		Registration & Breakfast		30	08:30-09:00
1.		Inauguration ** Pretest		60	09:00-10:00
2.	1.	Introduction to research methodology	Dr Rahul Kunkulol	60	10:00-1100
3.	2.	Study Designs-1: Overview of study designs & Descriptive studies	Dr. A. P. Kulkarni	60	11:00-12:00
4.	3.	Study designs-2: Case Control Studies	Dr. Mrs. Suvarna Joshi	60	12:00-13:00
		LUNCH			13:00-14:00
5.	4.	Study Designs-3: Experimental studies	Dr. Mrs. Suvarna Joshi	60	14:00-15:00
6.	5.	Group Activity-1: Participants will be divided into 4 -5 groups. <ul style="list-style-type: none">• Each group will discuss among itself and come out with at-least 1 research question and related hypothesis (if applicable)• Indicate why the topic was selected by the group over other topic/s• Indicate the type of study required to be undertaken to answer the RQ , with reasons thereof• Indicate main variable/s that included and measured in the study• Indicate population (group) in which the study will be undertaken. Group presentation <ul style="list-style-type: none">• The group will nominate one participant as its representative and the representative will present the summary of discussion of the respective group.	Group Activity: Dr. A. P. Kulkarni Dr. Rahul Kunkulol Dr. Anup Kharde Dr. Kalpak Kadarkar Dr Sandeep Narwane	75	15:00-16:15
7.	6.	Types of variables, Scale of measurement, Data editing & data grouping	Dr. A. P. Kulkarni	45	16:15-17:00

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DAY- 6 th September 2018					
Sr No	Lecture	Topic	Faculty	Time Minutes	From -To
		Breakfast & Tea		30	08:30-09:00
8.	7.	Descriptive statistics : (Rate, ratio, Proportion, Measures of central tendency, measures of variation, Confidence limits of sample statistic)	Dr. Anup Kharde	60	09:00-10:00
9.	8.	Sampling methods	Dr. Somasundaram	45	10:00-10:45
10.	9.	Sample size determination	Dr. Kalpak Kadarkar	45	10:45-11:30
11.	10.	Inferential statistics	Dr. Deepak Phalke	45	11:30-12:15
12.	11.	Evaluation of diagnostic test	Dr. A.P. Kulkarni	45	12:15-13:00
		LUNCH			13:00-14:00
13.	12.	Group Activity -2: Participants will divide into groups as in GA-1. Each group will discuss and present <ul style="list-style-type: none"> • Main and other variables in the study along with type of each variable & scale of measurement • Indicate descriptive statistics for each of the variables. • Indicate sampling methods & sample size Indicate inferential statistical tests that will be required	Group Activity: Dr. A. P. Kulkarni Dr. Rahul Kunkulol Dr. Anup Kharde Dr. Kalpak Kadarkar Dr Sandeep Narwane		14:00-15:00
14.	13.	Literature search	Dr Sandeep Narwane	60	15:00-16:00
DAY- 7 th September 2018					
		Breakfast		30	08:30-09:00
15.	14.	Critical Evaluation of journal article	Dr J. D. Deshpande	45	09:00-9:45
16.	15.	Ethical issues in medical research	Dr Rahul Kunkulol	45	09:45-10:30
17.	16.	Research in PIMS-DU	Dr Rahul Kunkulol	45	10:30-11:15
18.	17.	Synopsis Writing	Dr. Rahul Kunkulol	45	11:15-12:00
		LUNCH		45	13:30-14:15
19.	18.	Valedictory (With Feedback from participants) ** Post test			14:15 - onwards