

# WORKSHOPS ON RESEARCH METHODOLOGY

29<sup>TH</sup> TO 31<sup>ST</sup> AUGUST 2017



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-29 <sup>th</sup> August 2017					
Sr No	Lecture	Topic	Faculty	Time Minutes	From -To
		<b>Registration &amp; Breakfast</b>		<b>30</b>	<b>08:30-09:00</b>
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
		<b>LUNCH</b>			13:00-14:00
5.	4.	Study Designs-3: Experimental studies	Dr. Mrs. Suvarna Joshi	60	14:00-15:00
6.	5.	<b>Group Activity-1:</b> Participants will be divided into 4 -5 groups. <ul style="list-style-type: none"><li>• Each group will discuss among itself and come out with at-least 1 research question and related hypothesis (if applicable)</li><li>• Indicate why the topic was selected by the group over other topic/s</li><li>• Indicate the type of study required to be undertaken to answer the RQ , with reasons thereof</li><li>• Indicate main variable/s that included and measured in the study</li><li>• Indicate population (group) in which the study will be undertaken.</li></ul> <b>Group presentation</b> <ul style="list-style-type: none"><li>• The group will nominate one participant as its representative and the representative will present the summary of discussion of the respective group.</li></ul>	<b>Group Activity:</b> Dr. A. P. Kulkarni & Dr. J D Deshpande	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- 30 <sup>th</sup> August 2017					
Sr No	Lecture	Topic	Faculty	Time Minutes	From -To
		<b>Breakfast &amp; Tea</b>		30	08:30-09:00
8.	7.	<b>Descriptive statistics :</b> ( 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. R. C. Goyal	45	10:00-10:45
10.	9.	Sample size determination	Dr. A. P. Kulkarni	45	10:45-11:30
11.	10.	Inferential statistics	Dr. A. P. Kulkarni	45	11:30-12:15
12.	11.	Evaluation of diagnostic test	Dr. Sandeep Narwane	45	12:15-13:00
		<b>LUNCH</b>			13:00-14:00
13.	12.	<b>Group Activity -2:</b> Participants will divide into groups as in GA-1. Each group will discuss and present <ul style="list-style-type: none"> <li>• Main and other variables in the study along with type of each variable &amp; scale of measurement</li> <li>• Indicate descriptive statistics for each of the variables.</li> <li>• Indicate sampling methods &amp; sample size</li> </ul> Indicate inferential statistical tests that will be required	<b>Group Activity:</b> Dr. A. P. Kulkarni & Dr. J D Deshpande Dr Rahul Kunkulol Dr Sandeep Narwane		14:00-15:00
14.	13.	Writing of thesis.	Dr. D H Nandal	60	15:00-16:00
DAY- 31 <sup>st</sup> August 2017					
		<b>Breakfast</b>		30	08:30-09:00
15.	14.	Literature search	Dr. A. P. Kulkarni	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.	Critical Evaluation of journal article	Dr J. D. Deshpande	45	11:15-12:00
19.	18.	Two journal articles (different study designs) will be presented and discussed by members). One representative from each group will present the observations.	<b>Group Activity:</b> Dr. A. P. Kulkarni & Dr. J D Deshpande Dr Rahul Kunkulol	75	12:00-13:30
		<b>LUNCH</b>		45	13:30-14:15
20.	19.	Valedictory (With Feedback from participants) ** Post test			14:15 - onwards