

# REPORT ON ONLINE RESEARCH METHODOLOGY WORKSHOP UNDER MUHS NASHIK 2021

Godavari Foundation's  
**GODAVARI COLLEGE OF NURSING, JALGAON**  
INVITES PARTICIPANTS



**Online Basic Research Methodology  
Workshop Under MUHS Nashik**

5, 6, 7 April 2021 ● Zoom ● Registration Fee 1500/-

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## Program Schedule Of Basic Workshop In Research Methodology

Hosted by: Ms. Megha Kumhare

Basic Workshop Of Research Methodology

**DAY 1 : 05/04/2021**

Moderator: Mr. Piyush Wagh

Sr.No	Topic	Method	Facilitator	Time (minutes)	From - To
1.	Inauguration, Registration and pre-test (over google form link)			30	9.00 am to 9:30 am
2.	L-1: Introduction to Research methodology	Lecture	Mr Chidanand Patil	45	9.30 am to 10.15 am
3.	L-2: Study designs-1: Descriptive Studies	Lecture	Ms. Namita Pathak	45	10.15 am to 11.00 am
4.	<b>Short break</b>			15	11.00 am to 11.15 am
5.	L-3: Study design-2: Case control and Cohort studies	Lecture	Mr Chidanand Patil	45	11.15 am to 12.00 pm
6.	<b>Long break</b>			30	12.00 pm to 12.30 pm
7.	L-4: Evaluation of diagnostic test	Lecture	Dr. Vijay Singh	75	12.30 pm to 1.45 pm
8.	L-5: Study design-3: Experimental studies	Lecture	Ms Omana Shinde	45	1.45 pm to 2:30 pm
9.	<b>Short break</b>			15	2.30 pm to 2.45 pm
10.	Group Activity-1: 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 2 research questions and related hypothesis</li><li>• Indicate why the topic was selected by the group over other topic</li><li>• Indicate the type of study with reasons there of</li><li>• Indicate dependent and independent variables included in the study</li></ul>	Activity	Ms Omana Shinde	90	2.45 pm to 4.15 pm

Mandatory to be filled by all participants:

- Day 1 feedback from (over google form link)

**Note:** attendance may be taken at any point of time / surprise by the moderator or MUHS observer

Active participation is mandatory

**DAY 2 : 06/04/2021**

Moderator: Mr. Piyush Wagh

Sr.No	Topic	Method	Facilitator	Time (minutes)	From – To
1.	L-6: Literature search	Lecture	Dr. Shrikanth Muralidharan	60	9.00 am to 10 am
2.	Group activity-2: Participants will be divided into groups as was done for GA-1. Each group will try to search references related to topics finalized	Lecture Demo		60	10 am to 11 am
3.	<b>Short break</b>			15	11 am to 11.15 am
4.	L-7: Writing a research protocol	Lecture & Activity	Dr. Chitra Jai Kini	75	11.15 am to 12.30 pm
5.	L-8: Ethical issues in medical research Groups will present ethical issues in their respective studies	Lecture	Dr. Chitra Jai Kini	60	12.30 pm to 1.30 pm
6.	<b>Long Break</b>			30	1.30 pm to 2.00 pm
7.	L 9: Qualitative Research	Lecture	Dr. Vijay Singh	60	2.00 pm to 3.00 pm
8.	<b>Short break</b>			15	3.00 pm to 3.15 pm
9.	L10: Questionnaire designing	Lecture	Dr. Shrikanth Muralidharan	45	3.15 pm to 4.00 pm

Mandatory to be filled by all participants:

- a) Day 2 feedback from (over google form link)

**Note:** attendance may be taken at any point of time / surprise by the moderator or MUHS observer  
Active participation is mandatory

**DAY 3 : 07/04/2021**

Moderator: Mr. Piyush Wagh

Sr.No	Topic	Method	Facilitator	Time (minutes)	From – To
1.	L-11: Types of data and Data Presentation	Lecture	Dr. Dheeraj Kalra	60	9.00 am to 10.00 am
	L-12: Sampling: Methods & Sample size	Lecture	Dr. Dheeraj Kalra	45	10.00 am to 10.45am
2.	<b>Short Break</b>			15	10.45 am to 11.00 am
3.	Group activity 3: Participants will be divided into groups as in GA-1. Each group will discuss and present <ul style="list-style-type: none"> <li>Sampling method adopted for the studies selected in GA-1.</li> <li>Discuss and present sample size determined for the study</li> </ul> Generate and present at least 3 dummy tables	Group work	Dr. Dheeraj Kalra	60	11.00 am to 12.00 pm
4.	<b>Long Break</b>			30	12.00 pm to 12.30 pm
5.	L-13: Inferential Statistics	Lecture	Dr. Dheeraj Kalra	60	12.30 pm to 1.30 pm
6.	Group Activity-4: The groups will discuss about the inferential statistics (statistical tests) to be applied for the study design discussed in earlier group exercises	Group work	Dr. Dheeraj Kalra	30	1.30 pm to 2.00 pm
7.	L-14: Computer assistance in Data Analysis Excel and EPI Info & SPSS	Lecture	Dr. Dheeraj Kalra	45	2.00 pm to 2.45 pm
8.	L-15: Critical evaluation of Journal article	Lecture	Dr. Shrikanth Muralidharan	60	2.45 pm to 3.45 pm
9.	Group Activity-5: Two journal articles (different study designs) will be presented and discussed by members.	Group activity		60	3.45 pm to 4.45 pm
10.	Post- Test and Valedictory			15	4.45 pm to 5.00 pm



# DISCRIPTIVE REPORT

The schedule of the programme as follows. The first day of the course started with registration at 9 am. The inauguration of workshop was done by Mr. Pravin Kolhe sir followed by addressed to participants.

Mr. Piyush Wagh, Assistant Professor & MUHS Coordinator For Basic RM Workshop spoken about the importance of this workshop and declare the workshop to be open.

Total 50 delegates were registered for workshop of which 22 were Nursing PG's students of Godavari College of nursing, 4 PG's Student of Dr. MS Gosavi Nursing institute, Nashik. 9 Participants of Dr. Ulhas Patil College Of Physiotherapy, Jalgaon. 1 participant from Dr. Ulhas Patil Medical College & Hospital, Jalgaon. 6 PG's students of Dr. Vithalrao Vikhe Patil Foundation college of Nursing, Ahmadnagar. 1 participant from Shri Vasantao Naik government Medical college & Hopsital, 2 PG's students Of PMT Ayurved Mahavidyalay Shevgaon Dist. Ahmadnagar 2 participant from YMT College of Physiotherapy, Kharghar, 1 participant from MUP's Ayurved College Risod Washim, 1 participant PCMS's PGI YCMH, Pimpari 1 participant from PGI YCM Hospital Pimpari Pune were beneficiaries of workshop.

Mr. Chidanand patil, Associate professor Dept Of MSN Sidhgiri Nursing Institute, Kolhapur did the ice breaking session. Sir then delivered lecture on

introduction to research methodology. This was followed by session on The participant logged in at 2pm and there was lecture on qualitative research by Vijay Singh Sir. This was then followed by lecture on questionnaire design by Dr. Shrikant Murlidharan Sir. And session of day 2 concluded by asking the participant to fill day 2 feedback form.

Then day 3 started at 9 am with and the lecture on types of data and data presentation at 9:5am by Dr. Dheeraj kalra Reader and in charge of public dentistry , YMT Dental college and hospital Khargahar Navi Mumbai the session was followed by Dr. Dheerj Kalra himself on sampling and sample size determination. The tea was served during the session the session went up to 11am. This was followed by group activity where participant were given example and they were ask to identify correct sampling technique. The group activity went up to 12pm. this was followed by lunch break at 12pm for half an hour.

Post lunch session on inferential statistics by Dr. Dheeraj Kalra sir and this was followed by group activity by the same. The next session is on computer assistance in data analysis excel and EPI info and SPSS by Dheeraj Kalra Sir. The session ended at 2.45pm.

The last session of the workshop is on critical evaluation of Journal article along with group activity on 2 journal article was presented by Dr. Shrikant



Murlidharan Sir Which was ended at 4.45 pm. Then the participant then filled day 3 and overall feedback form. Participant was also given post test to assess the knowledge and understanding.

This was followed by valedictory function in which Mr Shivanand Biradar Assistant Professor Godavari college of nursing , Jalgaon delivered Vote of thanks and 2 participant were also shared the feedback of the workshop

descriptive study by Ms. Namita Pathak Associate professor Sadhuwaswani College of Nursing, Pune. The session needed at 11 am. Mr. Chidanand patil then continued another session case control and cohort study. This was followed by another session after lunch after lunch was conducted by Dr, Vijay Kumar Singh on evaluation of diagnostic tests. The session ended at 1.45pm this was followed by the lunch break.

Lunch break was followed by session by Mr. Omana Shinde, Professor cum principal, Sadhuwaswani College of Nursing, Pune. On experimental studies which ended at 2.30pm. The session was followed by group activity of the same. In the group activity all the participant were told to formulate research question, hypothesis and also to identify dependent and independent variable the session ended at 4.15pm participant then filled day 1 feedback form.

On day 2, at 9am the workshop commenced with session by Dr. Shrikant Murlidharan, Reader, department of public health dentistry, Madha dental College and Hospital literature search which was followed by hand on session on same which ended at 11 am. This was followed by 10 min of break.

The session was followed by Dr. Chitra Jai Kini , Professor, YMT ayurvedic college on writing research protocol in which MUHS synopsis writing was emphasized which started at 11.15am was then followed by group discussion on ethical issue in research. The session ended at 1.30 pm. This was followed by lunch break for half an hour.