

ONLINE RESEARCH METHODOLOGY WORKSHOP UNDER MUHS
NASHIK -2022



MUHS



GODAVARI FOUNDATION'S

**GODAVARI COLLEGE OF NURSING,
JALGAON**



**ONLINE BASIC
RESEARCH METHODOLOGY
WORKSHOP**

ON

📅 24th, 25th, 26th FEBRUARY 2022

🕒 09.00 AM To 05.00 PM

: **Venue :**

Seminar Hall
Godavari College Of Nursing,
Jalgaon



DAY 1 - 24th February 2022

Moderator: Piyush Wagh

Sr.No	Topic	Method	Facilitator	Time (minutes)	From - To
1.	Inauguration, Registration and pre-test			30	9.00 am to 9:30 am
2.	L-1: Introduction to Research methodology	Lecture	Dr. Dheeraj Kalra	45	9.30 am to 10.15 am
3.	L-2: Study designs-1: Descriptive Studies	Lecture	Dr. Kiran Tawlare	45	10.15 am to 11.00 am
4.	Short break			15	11.00 am to 11.15 am
5.	L-3: Study design-2: Case control and Cohort studies	Lecture	Dr. Vijay Singh	45	11.15 am to 12.00 pm
6.	Long break			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	Dr. Kalpana Tawlare	45	1.45 pm to 2:30 pm
9.	Short break			15	2.30 pm to 2.45 pm
10.	<p>Group Activity-1: Participants will be divided into 4-5 groups.</p> <ul style="list-style-type: none"> Each group will discuss among itself and come out with at-least 2 research questions and related hypothesis Indicate why the topic was selected by the group over other topic Indicate the type of study with reasons there of Indicate dependent and independent variables included in the study 	Activity	Dr. Kalpana Tawlare	90	2.45 pm to 4.15 pm



DAY 3- 26th February 2022

Moderator: Piyush Wagh

Sr.No	Topic	Method	Facilitator	Time (minutes)	From – To
1.	L-11: Types of data and Data Presentation	Lecture	Dr. Ketaki Bhor	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.	Short Break			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"> • Sampling method adopted for the studies selected in GA-1. • Discuss and present sample size determined for the study Generate and present at least 3 dummy tables	Group work	Dr. Dheeraj Kalra	60	11.00 am to 12.00 pm
4.	Long Break			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. Chitra Jai Kini	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 Dr. Mousami Lendhe Principal GCON, Jalgaon 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 24 were Nursing PG's students and 17 faculty from Godavari College of Nursing, 4 faculty from Dr. Ulhas Patil Homeopathic Medical college and Hospital Jalgaon Kh, 2 PG students from Shiva Trust Aurangabad college of Nursing Bhalgaon Aurangabad, 3 PG students from Kamalnayan Bajaj Nursing college Aurangabad.

Day 1 Started with lecture by Dr Dhiraj Karala, Reader and in charge of public dentistry, YMT Dental college and Hospital Khargahar Navi Mumbai Sir delivered lecture on introduction to research methodology followed by session on descriptive study design by Dr. Kiran Tawlare

After the short break Dr. Vijay Singh Professor Dept. Of Community Medicine L.T.M. Medical College & General hospital, Sion , Mumbai has delivered a lecture on case control and cohort studies and evaluation on diagnostic test later on the next lecture conducted by Dr. Kalpana Talware Asso. Prof, BAMS MD (Rachana Sharir) PhD (Scho) DMIMUS, Wardha Dept. of Rachana Sharir, BMAC & RH Butibori, Nagpur. on experimental studies followed by group activity. Day 1 concluded with asking participants to fill feedback form over Google form link.



Day 2 started with lecture on literature search which was conducted by Dr. Shrikant Murlidharan department of public dentistry Madha Dental college & Hospital Kandrathur Chennai followed by group activity in which participants were divided into groups & each group tried to search references related to topics finalized. Next topic was writing research protocol and ethical issues in medical research were discussed by Dr. Chitra Jai Kini Professor at Dr G D Pol foundation YMT ayurvedic Medical College. After short break the session was handover to Dr. Swati Meshram Prof & head of Dept of musculoskeletal sciences TPCT'S Terna physiotherapy college Nerul Navi Mumbai who enlightened participants knowledge on qualitative research design. And session of day 2 concluded by asking the participant to fill day 2 feedback form.

Then day 3 started at 9 am with the lecture on types of data and data presentation by Dr. Ketki Bhor the session was followed by Dr. Dheeraj Kalra on sampling and sample size determination. 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 12 pm. this was followed by lunch break at 12 pm 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. Chitra Jai Kini which was ended at 4.45 pm. The participant then filled day 3 and overall feedback form. Participant was also given post test to assess the knowledge and understanding. The programme was hosted by Megha Kumbhare lecturer GCON Jalgaon and valedictory function as well as vote of thanks was



given by Rashmi Tembhurne lecturer GCON Jalgaon and participant were also shared the feedback of the workshop



Zoom Meeting: You are viewing Ekam Shree's screen. The Bottom 1



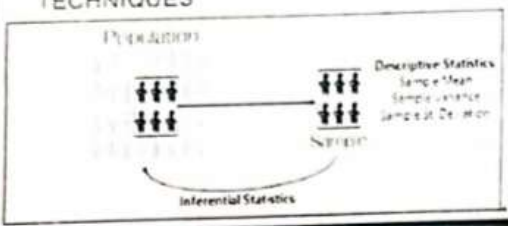
Participants:

- Suraj Vilas Pande
- Sana Tamboli
- ASHWINI VAIDYA
- Dr. Dilip B. PATIL

Meeting Controls: Mute, Video, Screen Share, Chat, Help, etc.

Zoom Meeting: You are viewing Ekam Shree's screen. The Bottom 1

STATISTICAL ANALYSIS METHODS & TECHNIQUES



Descriptive Statistics: Sample Mean, Sample Variance

Inferential Statistics: Hypothesis Testing, Statistical Decision Making

Participants:


- Suraj Vilas Pande
- Sana Tamboli
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Why important?

The type of data defines:

- Summary measures used:
 - Mean, Standard deviation for continuous data
 - Proportions for discrete data
- Statistics used for analysis:
 - Parametric tests for normally distributed continuous data
 - Non-parametric tests for non-normally distributed continuous/discrete data



Participants:

- Me Swati Danga
- Moyari valvi
- Rajendra Pitam
- Neeta kalokhe
- Shital kharat



Godavari college of Nursing, Jalgaon

Online Basic research Methodology Workshop (Date: 24-26th February 2022)

Google Forms

The feedback are been obtained by participants with Google form links.

Separate email id created i.e. rmmuhsgcon01@gmail.com

Google form links are given as follows

- 1) Pre-test <https://forms.gle/dvhu25bdjkkC3yfD9>
- 2) Day 1 evaluation <https://forms.gle/NghUsYKWjB8vxqBz7>
- 3) Day 2 evaluation <https://forms.gle/akZBJpvLaEq4qZJU6>
- 4) Day 3 evaluation <https://forms.gle/KZKbuHn15G9Cd9Hm9>
- 5) Post test <https://forms.gle/haeCin7TPWUoPRvd7>
- 6) Overall feedback form <https://forms.gle/mkWMwSiYv3vmtT5v7>

