



MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK UNIVERSITY
RESEARCH METHODOLOGY

College Name--PMT's Ayurved College, Shevgaon.
Basic Workshop in Research Methodology

Day One-02/04/2025

S.N	Topic	Method	Facilitator	From-To
1	Registration, Breakfast and Pre-Test			9:00am-10:00am
2	L-1: Introduction to Research Methodology	Lecture	Dr. Anuradha Tirmare	10:00am-10:45am
3	L-2: Study Designs-1: Descriptive studies	Lecture	Dr. Renuka Suryavanshi	10:45am-11:30am
4	Tea			11:30am-11:45am
5	L-3 : Study designs-2: Case Control and Cohort Studies	Lecture	Dr. Santosh Pawale	11:45am-12:30pm
6	L-4: Study Designs-3: Experimental studies	Lecture	Dr. Sandeep Patil	12:30pm-1:15pm
7	Lunch			1:15pm-1:45pm
8	Group Activity-1: Participants will be divided into 4-5 groups. - 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 thereof - Indicate dependent and independent variables included in the study (Team may be served during group activity)	Group Activity	Dr. Kaustubh Purkar/ Dr. Anuradha Tirmare	1:45pm-3:00pm
9	L-5: Sampling: Methods	Lecture	Dr. Sandeep Shinde	3:00pm-3:45pm
10	L-6: Sample size	Demo	Dr. Sanjay Lungare	03:45am-04:30pm
11	Group Activity-3: Participants will divide into groups as in GA-1. Each group will discuss and present - Sampling method adopted for the study / studies selected in GA-1 - Discuss and present sample size determined for the study - Present at least 3 dummy tables generated (Tea shall be served during group activity)	Group Activity	Dr. Sanjay Lungare	04:30am-05:30pm

Day Two-03/04/2025

S.N	Topic	Method	Facilitator	From-To
1	Breakfast&tea			9:00am-9:30 am
2	L-7:Literaturesearch	Lecture	Dr.SantoshPawale	9:30am-10:30am
3	Group Activity-2: Participants will divide into groups as was done for GA-1 and GA-2. Each groupwilltryto searchreferencesrelatedtotopics finalizedanddiscussedGA-1andGA-2	Group Activity	Dr.SantoshPawale	10:30am-11:15am
4	Tea			11:15am-11:30am
5	L-8:TypesofData andDataPresentation	Lecture	Dr.PradeepPawar	11:30am-12:30am
6	L-9:InferentialStatistics	Lecture	Dr.Suvarna Sonawane	12:30pm-1:30pm
7	Lunch			1:30pm-2:00pm
8	GroupActivity-4:Thegroupswilldiscussabout the inferential statistics (statistical tests) to be applied for the study design discussed in earlier groupexercises.	GroupWork	Dr.Suvarna Sonawane	2:00pm-2:45pm
9	L-10:QuestionnaireDesigning	Lecture	Dr.Kaustubh Purkar	2:45pm-3:45pm
10	TEA			3:45pm-4:00pm
11	L-11:Writingaresearchprotocol	Lecture	Dr.Renuka Suryavanshi	4:00pm-5:00pm

DayThree-04/04/2025

S.N	Topic	Method	Facilitator	From-To
1.	Breakfast&tea			9:00am-9:30 am
2.	L-12:EthicalIssuesInMedicalResearch Groups will present ethical issues in their respective studies	Lecture and Group activity	Dr.Renuka Suryavanshi	9:30am-10:30am
3.	L-13:Use of Mendeley's for citation and referencing	Demo	Dr.Mahesh Joshi	10:30-11:00
4.	TEA			11:00am-11:05am
5.	L-14:Evaluation of a diagnostic test	Lecture	Dr.Sanjay Lungare	11:05am-12:00pm
6.	L-15:Critical Evaluation of Journal Article	Lecture	Dr.Sumedh Wasnik	12:00pm-1:15pm
7.	Lunch			1:15pm-1:45pm
8.	GA-5: Two journal articles (different study designs) will be presented and discussed by members.(Tea shall be served during the group activity.)	Group activity	Dr.Sumedh Wasnik	1:45pm-3:00pm
9.	L-16:Qualitative research methods	Lecture	Dr.Sandeep Patil	3:00pm-3:45pm
10	L-17:Computer assistance in Data Analysis Excel and EPI Info.	Lecture	Dr.Sanjay Lungare	3:45pm-4:30pm
11	Post-Test and Valedictory			4:30pm-5:00pm