

Basic Research Methodology Workshop
Approved by
Maharashtra University of Health Sciences, Nashik
Organized by
Rashtriya Shikshan Mandal's
Tilak Ayurved Mahavidyalaya, Pune's
Centre for Post Graduate Studies and Research in Ayurved
Workshop I
7th April 2025 to 9th April 2025

Report

Basic Workshop in Research Methodology was organized at Tilak Ayurved Mahavidyalaya, Pune as per the guidelines from Institute of Medical Education and Teachers Training, M.U.H.S., Nashik. The workshop was organized from 7th April 2025 to 9th April 2025.

Total 40 participants were enrolled for the workshop. The participants were postgraduate students and faculty from the colleges like Tilak Ayurved Mahavidyalaya, Pune, Pharate Patil Ayurvedic Medical College, Pune and Dr. D. Y Patil Ayurved Medical College, Pimpri, Pune,

The workshop began on 7th April 2025 with registration and pretest. The inauguration of workshop was done at the hands of Dr. Rajendra Huprikar, Secretary Rashtriya shikshan Mandal, Pune, Dr. Saroj V. Patil, Principal Tilak Ayurved Mahavidyalaya, and Vice Principals Dr. Mihir Hajarnavis, Dr. Minakshi Randive and Dr. Sangeeta Salvi Vice Principal of post graduate studies at the NIMA Auditorium of Tilak Ayurved Mahavidyalaya, and Members of Research Society were present for inaugural ceremony. Lord Dhanvantari Poojan was done by the Honorary dais and Dhanvantaristavan was recited by Dr Gauri Gangal.

Day 1st -7th April 2025, first session was at 10.00 Am to 10.45 Am, conducted by Dr. Suvarna Joshi, Professor, B. J Medical College, Pune. She spoke on Introduction to Research Methodology. Next session was at 10.45 AM to 1.15 PM , also conducted by Dr. Suvarna Joshi & she conducted a series of three lectures on Study Designs, Study Design including Descriptive studies, Case Control, Cohort Studies and Experimental Studies.

Afternoon Session of first day was followed by a group activity on 1.45 PM to 3.15 PM It was conducted by Dr. Sangeeta Salvi & Dr. Mihir Hajarnavis, Participants were divided into 5 groups and research topics were allotted for each group .

Each group discussed amongst themselves and came out with two research questions and related hypothesis. They explained why the topic was selected & the type of study with reasons thereof and indicated dependent and independent variables included in the study.

The next Session was at 3.15 PM to 4.00 PM, This was an interactive lecture on Types of Data and Data Presentation by Dr. Kadambari Ambildhok from Sinhagad Dental College and Hospital, Pune. Thereafter, a lecture at 4.15 PM to 5 PM on Literature Search was conducted by Dr. Kadambari Ambildhok.

Dr. Gauri Gangal was the session coordinator for the day. Day 1 feedback was taken from the students & the Resource persons.

The second day morning session on 08/04/2025 began with Lord Dhanvantari Stavan followed by the lecture and group activity at 9.30 AM to 11.15 PM on Inferential Statistics by Dr Shrikanth Muralidharan from National Institute of Naturopathy, Pune.

Thereafter lecture & a group activity at 11.15 PM to 1.30 PM on Sampling Methods and Sample Size was conducted by Dr. Swati Raje Assistant professor, MIMER Medical College & Hospital, Pune, For the group activity, the participants were divided into groups and each group discussed and presented the sampling method adopted for the study /studies selected, as well as discussed and presented sample size determined for the study

The post lunch session was at 2.00 PM to 2.45 PM, this was a Group Activity related to search references related to topic allotted to each group. This activity was taken by Dr. Mihir Hajarnavis and Dr. Ashvini Bodade, each group was assigned to find certain references from Ayurveda and modern literature from various online resources and learning databases. The participants found the activity very engaging and useful for their research work.

The next session was at 2.45 PM to 3.45 PM, this was an interactive session by Dr Reshma Salve from Sinhagad College of Nursing and she conducted next lecture at 4.00 PM to 5 PM. She discussed about Questionnaire Designing and Writing a Research Protocol. These gave the students insights into the way of effective scientific writing in the medical field.

Day 2 feedback from the participants & the Resource Persons was taken.

Dr. Sangeeta Sawant and Dr. Hemangi Shendye worked as Session co ordinators for the second day of the Workshop.

The third day of the workshop 9/04/2025 began with a lecture at 9.30 AM to 10.30 AM, on Qualitative Research Methods by Dr Vineet Vinay from Sinhgad Dental College and Hospital. He spoke in detail about Qualitative Research using contemporary examples.

The next lecture was also conducted by Dr Vineet Vinay at 10.15 AM to 11.00AM. It was about Computer Assistance in Data Analysis Excel and EPI Info. He explained the concepts in details also gave hands on training to all the participant.

This was followed by lecture at 11.15 AM to 12.15 PM on evaluation of Diagnostic test by Dr Suvarna Joshi, Professor, B J Medical College, Pune.

The post lunch session began with a lecture at 12.00 PM to 1.15 PM on critical Evaluation of Journal Article by Dr. Girish Tillu. from School of Health Sciences, Savitribai Phule University of Pune.

The post lunch session began at 1.45 PM to 3.00 PM with a group activity. Dr Vinaya Dixit & Dr. Sangeeta Sawant conducted the Group activity on discussion and presentation journal Articles by every group. 5 journal articles were given to group, one on interventional study and the other on observational study were presented and discussed by the students from the group based on CONSORT and STROBE guidelines respectively.

The last session was conducted by Dr. Jagannath Dixit, Professor, B.J Medical College, Pune, with lecture & a Group activity at 3.00 PM to 4. 30 PM on Ethical Issues in Medical Research. Group Activity on 2 Journal articles was discussed and presented by each group.

The valedictory function of the 3 days Basic Research methodology Workshop I was held after the post test. It was graced by Dr. Saroj V. Patil, Principal Tilak Ayurved Mahavidyalaya, and Dr. Minakshi Randive, Vice Principal and Dr. Sangeeta Salvi Vice Principal of post graduate studies at NIMA Auditorium of Tilak Ayurved Mahavidyalaya, Pune. All the members of the Research Society were present for the Valedictory function. Felicitations of Co-ordinators, Day Co ordinators and support staff was done at the hand of dignitaries. Two active participants spoke about their experiences about the workshop. The programme ended with vote of thanks and a group photo of all the participants and dignitaries.

Dr Supriya Gore and Dr. Darshana Ubhale, had worked as day co ordinators for the third day of the workshop.

All the lectures were designed as per the guidelines provided by IMETT, MUHS, Nashik. All the group activities were supported by the research committee members of the college.

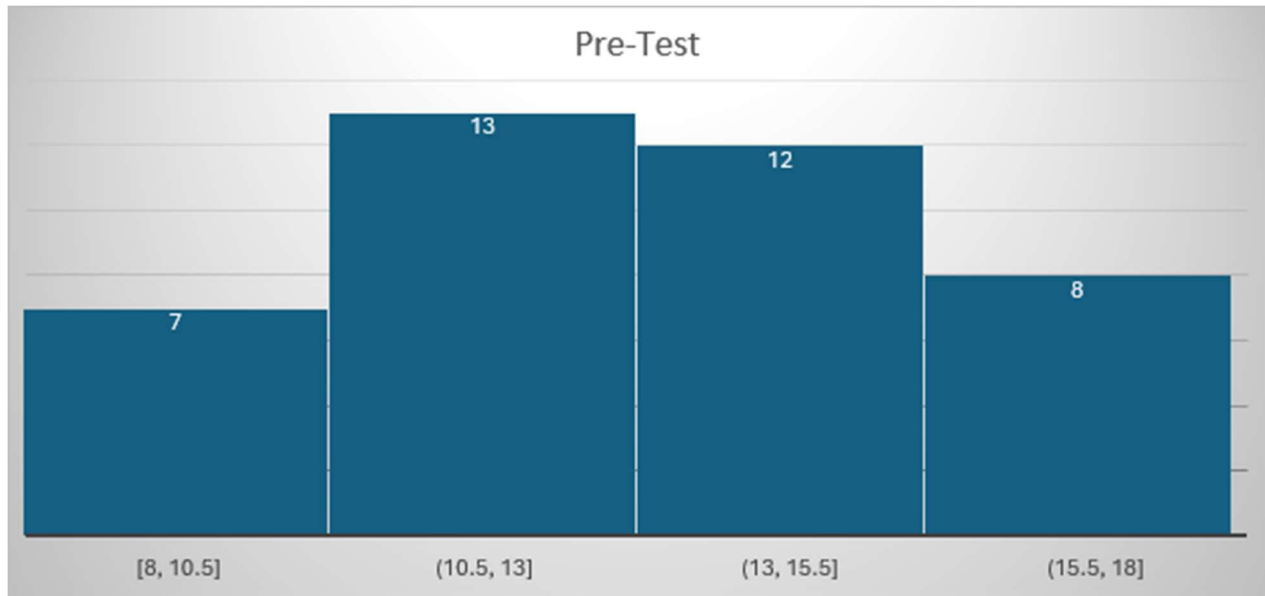
The post test was conducted after the last group activity. The feedback for all three days was received from the participants on daily basis.

The students participated in all the sessions actively and appreciated the workshop.

Dr. Ashvini Vitthal Kamble, worked as Co-ordinator for the workshop. Workshop was successful with the contribution from Secretary of Research society Dr. Minakshi A. Randive and joint Secretary of Research Society Dr.Manjiri Deshapande, all Research Society members and guidance from Principal Prof. Dr. Saroj Patil and Vice Principal Dr. Mihir Hajamavis,

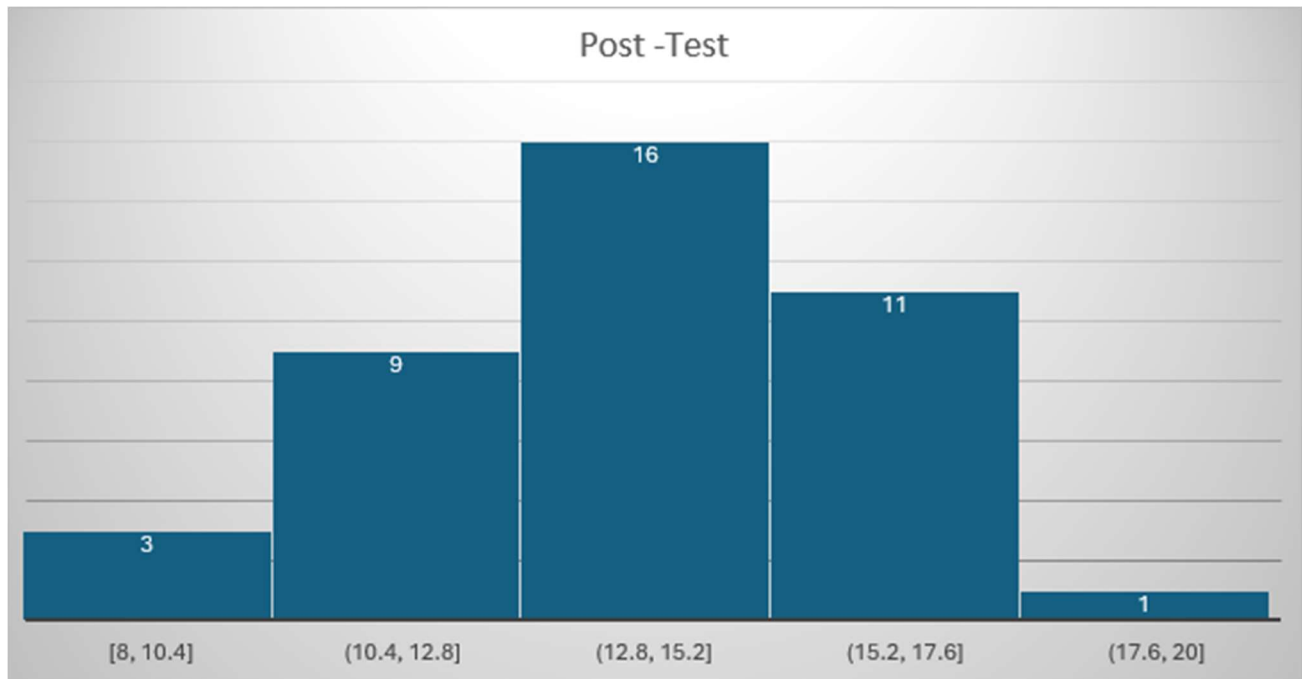
Dr. Sangeeta Salvi Vice Principal of post graduate studies at Tilak Ayurved Mahavidyalaya, Pune.

Graph no.1



- This Graph no.1 represents Pre test data.
- The Pretest was conducted, it included 27 questions & out 27 marks were given. It was observed that out of 40 participants
- 7 participants were obtained 8-10 marks.
- 25 participants were obtained 11-15 marks.
- 8 participants were obtained 16-27marks.
- Pretest average was 13.22.

Graph no. 2



- This Graph Represents post test data. The Post test was conducted, it included 27 questions & out 27 marks were given. It was observed that out of 40 participants
- 3 participants were obtained 8-10 marks.
- 25 participants were obtained 11-15 marks.
- 12 participants were obtained 16-27 marks.
- Post test average was 13.85.
- The result of the pre and post- test shows a positive changes in the knowledge of the participants about the topics of Research Methodology .
- The pretest average and post-test average of the participants: pretest average 13.22 changed to Post test average 13.85.

- **Feedback given by the Participants revealed that,**

1. The objective of the lectures were clearly defined.
2. Speakers Knowledge – The resource person were knowledgeable & enthusiastic throughout the session
3. Presentation- All the Resource persons presentation for the lecture and activity was good
4. Relevance- All the lectures arranged were relevant to the topic.
5. Use of Teaching Aids- There was effective use of Teaching Aids by The Resource Persons
6. Interaction with the Speakers- During Group Activity there were excellent interaction between the speakers & participants.
7. Lessons as a whole was effective for the participants.

- **Feedback given by the Resource Persons revealed that,**

1. The lectures and group activities -The lectures Were organised as per IMETT MUHS Nashik norms.
2. Participation of students-The participants were Actively participated throughout the workshop.
3. All group activities were supported by the research committee members of the college.
4. Audio-Visual Education Aids - the arrangements were excellent for the lecture & group activity.
5. The workshop Co Ordinator helpful in the approach



Dr. Asvini Kamble
Co-ordinator
Workshop 1 (7th to 9th April 2025)



Principal
Arved Mahavidyalaya
Pune-11

Dr. Saroj V Patil
Principal

Photos

Day-1

Date-07/04/2025

SESSION 1- Lecture By Dr Suvarna Joshi



SESSION 2 Group Activity – By Dr Sangeeta Salvi & Dr Mihir Hajarnavis



SESSION 3 –Lecture By Dr Kadambari Ambildhok



DAY 2 – 08/04/2025

SESSION 1 – Lecture & Group Activity By Dr Shrikanth Murlidharan



SESSION 2- Lecture & Group Activity By Dr. Swati Rajee



SESSION 3- Group Activity By Dr. Ashwini Bodade



SESSION 4 – Lecture By Dr. Reshma Salve



DAY 3 – 09/04/25

SESSION 1 – Lecture By Dr. Vineet Vin



SESSION 2 – Lecture By Dr. Suvarna Joshi



SESSION 3- Lecture By Dr. Girish Tillu



SESSION 4- Group Activity By Dr. Vinaya Dixit & Dr. Sangeeta Sawant



SESSION 5 – Lecture & Group Activity By Dr. Jagannath Dixit



Valedictory function



Participant Feedback



Group Photo



Group Activity



Dr. Asvini Kamble

Dr. Asvini Kamble
Co-ordinator
Workshop 1 (7th to 9th April 2025)

Dr. Saroj V Patil
Principal
Tilak Ayurved Mahavidyalaya
Pune-11

Dr. Saroj V Patil
Principal

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Workshop I

7th April 2025 to 9th April 2025

Attendance

[illegible]

10	Dr. Pradhumn Gupta	<u>Penta</u>	<u>Punphu</u>	<u>Puta</u>	<u>Put</u>	<u>Puta</u>	<u>Pentm</u>
11	Dr.Sayali Rokade	<u>Rokade</u>	<u>Rokade</u>	<u>Rokade</u>	<u>Rokado</u>	<u>Rokade</u>	<u>Rokade</u>
12	Dr. Yash Lohakare	<u>Lohakar</u>	<u>Lohakar</u>	<u>Lkar</u>	<u>Lkar</u>	<u>Lkar</u>	<u>Lkar</u>
13	Kulkarni Vrushali Hanumant	<u>Kulkarni</u>	<u>Kulkarni</u>	<u>Kulkarni</u>	<u>Kulkar</u>	<u>Kulkarni</u>	<u>Kulkar</u>
14	Ambekar Gaurav Vasant	<u>Gandge</u>	<u>Gandge</u>	<u>Gandge</u>	<u>Gandge</u>	<u>Gandge</u>	<u>Gandge</u>
15	Gaikwad Minal Krishna	<u>Mankud</u>	<u>Mankud</u>	<u>Mankud</u>	<u>Mankud</u>	<u>Mankud</u>	<u>Mankud</u>
16	Lahudkar Harsha Laxman	<u>har.</u>	<u>har.</u>	<u>har.</u>	<u>har.</u>	<u>har.</u>	<u>har.</u>
17	Surwase Kalpakala Sunil	<u>Surast</u>	<u>Surast</u>	<u>Surast</u>	<u>Surast</u>	<u>Surast</u>	<u>Surast</u>
18	Sewalikar Naresh Prashant	<u>Naresk</u>	<u>Naresk</u>	<u>Naresk</u>	<u>Naresk</u>	<u>Naresk</u>	<u>Naresk</u>
19	Turupkar Shrutika Mahadeo	<u>Turupkar</u>	<u>Turupkar</u>	<u>Turupkar</u>	<u>Turupkar</u>	<u>Turupkar</u>	<u>Turupkar</u>
20	Dhotre Dattatray Haridas	<u>Dhotr</u>	<u>Dhotr</u>	<u>Dhotr</u>	<u>Dhotr</u>	<u>Dhotr</u>	<u>Dhotr</u>
21	Shenkude Prapti Rajkumar	<u>Shankude</u>	<u>Shankude</u>	<u>Shankude</u>	<u>Shankude</u>	<u>Shankude</u>	<u>Shankude</u>
22	Hinge Vaishnavi Kantaram	<u>Hin</u>	<u>Hin</u>	<u>Hin</u>	<u>Hin</u>	<u>Hin</u>	<u>Hin</u>
23	Upadhye Priyanka Pravin	<u>Pipdy</u>	<u>Pipdy</u>	<u>Pipdy</u>	<u>Pipdy</u>	<u>Pipdy</u>	<u>Pipdy</u>
24	Nawalkar Shweta Uddhavrao	<u>Sinawalke</u>	<u>Sinawalke</u>	<u>Sinawalke</u>	<u>Sinawalke</u>	<u>Sinawalke</u>	<u>Sinawalke</u>
25	Shingote Neha Nivrutti	<u>Shingot</u>	<u>Shingot</u>	<u>Shingot</u>	<u>Shingot</u>	<u>Shingot</u>	<u>Shingot</u>

26	Shahane Atharva Yogendra	<u>Ashane</u>	<u>Ashane</u>	<u>Ashane</u>	<u>Ashane</u>	<u>Ashane</u>	<u>Ashane</u>
27	Kalekar Shraddha Vinod	<u>Bhimdan</u>	<u>Bhimdan</u>	<u>Bhimdan</u>	<u>Bhimdan</u>	<u>Bhimdan</u>	<u>Bhimdan</u>
28	Chaudhari Divya Nitin	<u>Divya</u>	<u>Divya</u>	<u>Divya</u>	<u>Divya</u>	<u>Divya</u>	<u>Divya</u>
29	Harale Shraddha Santoshkumar	<u>S.shasale</u>	<u>S.shasale</u>	<u>S.shasale</u>	<u>S.shasale</u>	<u>S.shasale</u>	<u>S.shasale</u>
30	Dhokane Sakshi Vasant	<u>Dhokane</u>	<u>Dhokane</u>	<u>Dhokane</u>	<u>Dhokane</u>	<u>Dhokane</u>	<u>Dhokane</u>
31	Gawai Ankita Bhimrao	<u>Asani</u>	<u>Asani</u>	<u>Asani</u>	<u>Asani</u>	<u>Asani</u>	<u>Asani</u>
32	Borase Varsha Kirankumar	<u>Borise</u>	<u>Borise</u>	<u>Borise</u>	<u>Borise</u>	<u>Borise</u>	<u>Borise</u>
33	Ishwarkatti Harshada Shivapad	<u>HST</u>	<u>HST</u>	<u>HST</u>	<u>HST</u>	<u>HST</u>	<u>HST</u>
34	Thorat Santosh Balshiram	<u>Sthor</u>	<u>Sthor</u>	<u>Sthor</u>	<u>Sthor</u>	<u>Sthor</u>	<u>Sthor</u>
35	Tonge Sanskruti Amrutrao	<u>Tamruti</u>	<u>Tamruti</u>	<u>Tamruti</u>	<u>Tamruti</u>	<u>Tamruti</u>	<u>Tamruti</u>
36	Ranware Nikita Rajendra	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>	<u>Nikita</u>
37	Rode Riddhi Shyam	<u>Rode</u>	<u>Rode</u>	<u>Rode</u>	<u>Rode</u>	<u>Rode</u>	<u>Rode</u>
38	Palhal Sunil Karbhari	<u>Fit</u>	<u>Fit</u>	<u>Fit</u>	<u>Fit</u>	<u>Fit</u>	<u>Fit</u>
39	Sakharkar Yashshree Naresh	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>
40	Ugale Amruta Shankarrao	<u>Ugale</u>	<u>Ugale</u>	<u>Ugale</u>	<u>Ugale</u>	<u>Ugale</u>	<u>Ugale</u>

co-ordinator
Dr. Aphrini Kanbe



Principal
Pune-11

RSM's
TILAK AYURVEDA MAHAVIDYALAYA, NE's
Centre for Post Graduate Studies & Research in Ayurveda
Date- 7th April 2025 To 9th April 2025 Workshop I
Attendance

Faculty Attendance

Co-Ordinator		7/04/2025		8/04/2025		Principal 9/04/2025	
Sr. No.	Name of Faculty	Morning	Evening	Morning	Evening	Morning	Evening
1.	Dr. Suvarna Joshi	<i>[Signature]</i>	—			<i>[Signature]</i>	
2.	Dr. Mihir Hajarnavis	—	<i>[Signature]</i>				
3.	Dr. Sangeeta Salvi	—	<i>[Signature]</i>				
4.	Dr. Kadambari Ambildhok	—	<i>[Signature]</i>				
5.	Dr. Ashwini Bodade				<i>[Signature]</i>		
6.	Dr. Shrikanth Murlidharan			<i>[Signature]</i>			
7.	Dr. Swati Raje			<i>[Signature]</i>			
8.	Dr. Manjiri Deshpande						
9.	Dr. Taranoom Patel						
10.	Dr. Aishwarya Ranade						
11.	Dr. Reshma Salve				<i>[Signature]</i>		
12.	Dr. Vineet vinay					<i>[Signature]</i>	
13.	Dr. Girish Tillu					<i>[Signature]</i>	
14.	Dr. Vinaya Dixit					—	<i>[Signature]</i>
15.	Dr. Jaganath Dixit					—	<i>[Signature]</i>

RSM's
TILAK AYURVEDA MAHAVIDYALAYA, PUNE's
Centre for Post Graduate Studies & Research in Ayurveda
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Attendance

Sr. No.	Name of Faculty	7/04/2025		8/04/2025		9/04/2025	
		Morning	Evening	Morning	Evening	Morning	Evening
16	Dr. Sangeeta Sawant						<i>S. Sawant</i>

Ashvini Kamble
Co-Ordinator
Dr. Ashvini kamble



S. Patil
Principal
Dr. Saroj Patil
Principal
Tilak Ayurved Mahavidyalaya
Pune - 411 011

Customer Acknowledgment

Date 16/4/2025

We acknowledge receipt of NEFT / RTGS Instruction(s). Reference no. 2010001-1-1
CNR BH0004071484810.

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