



# **ONE WEEK ONLINE WORKSHOP**

on

## **RESEARCH METHODOLOGY**



C.P. & Berar E. S. College,

RTMNU Recg. Place for Higher Learning &  
Research

Tulsibag, Mahal Nagpur-440032

**Date – 20 June 2022 to 26 June 2022**

**Time :- 9am to 6 Pm.**

**Duration (60 Hrs. Course Work -16 Credits)**

**Overall Objective – To make participants aware of various terms and its use  
in Research Methodology.**

## **Introduction:**

A research methodology gives research legitimacy and provides scientifically sound findings. It also provides a detailed plan that helps to keep researchers on track, making the process smooth, effective and manageable.

**The aim of the research is to discover an answer to question through the application of scientific procedure.** These procedures have been developed in order to increase the likelihood that the information gathered will be relevant to the question asked . The research undertaken should also reflect a methodology that has not been used earlier for the same purpose.

Because research cannot provide final and infallible answer in many a case, there has been a constant effort to devise procedure that will increase the problems accuracy of the answer . For the researcher who is preparing to develop tools of research, he or she not only needs to develop the necessary skills using them but also to understand the logic behind them.

Having a sound research methodology in place provides numerous benefits

- ❖ Other researchers who want to replicate the research have enough information to do so,
- ❖ Researchers who receive criticism can refer to the methodology and explain their approach,
- ❖ It can help provide researchers with a specific plan to follow throughout their research,
- ❖ The methodology design process helps researchers select the correct methods for the objectives,
- ❖ It allows researchers to document what they intend to achieve with the research from the outset.

There are different types of Research Methodology used in conducting research. Research methodology professors have concluded these methods, and according to them, Qualitative research methodology and Quantitative research methodology are two main types of research methodology. A research methodology gives research legitimacy and

provides scientifically sound findings. It also provides a detailed plan that helps to keep researchers on track, making the process smooth, effective and manageable.

The workshop intends to pass on the best of knowledge of research methodology to the student researchers from the experts so that their research is accurate, valid and full of utility for the fraternity and society.

### **Objectives:**

- *To understand the tools of research Methodology*
- *To understand the methods and process of Data collection*
- *To know about the sample methods and techniques*
- *Giving training to the researchers about statistical methods of analysis of data*
- *To understand the various forms of research design*
- *To provide hands-on information about research*

### **Invite:**



**INVITATION FOR ONLINE WORKSHOP**

**RESEARCH METHODOLOGY**

ORGANISED BY

Place for Higher Learning and Research,  
C.P. & Berar E. S. College, Tulshibag,  
Mahal, Nagpur

Date - 20 June 2022 to 26 June 2022  
Time:-09 am onwards.  
Duration ( 60 Hrs. Course Work)

Organizer  
Dr. Milind Barhate, Principal  
Organizing Secretary  
Dr. Medha Kanetkar  
Co-ordinator-Place for Higher Learning and Research

Bank Name:- Bank of Maharashtra  
Bank A/C No. :- 60305515305  
A/C Name- Place for Higher Learning and Research, C.P. & Berar College, Nagpur.  
IFSC Code :- MAHB0000107

**Fees :**  
Rs.1000/- only

**Prior Registration compulsory**

**Contact for Details**  
99709 34336

### **Display Notice on Workshop & SMS message:**

C.P.& Berar E.S. College's Place for Higher Learning Research is Inviting you to join ONLINE RESEARCH METHODOLOGY WORKSHOP from 20th June 2022 to 26th June 2022. The timing for the Workshop would be 10am onwards. Kindly Register on the following link <https://forms.gle/cQS2RuomtdGBUoVv7>, or Join our Whatsapp group via the link <https://chat.whatsapp.com/Hy3REUvlUVYAdHTbz9gUFw> for updates on workshop Contact @9970934336

### **Workshop Schedule & Details:**

Topic: R.M. WORKSHOP

Time: Jun 20, 2021 09:30 AM India

Every day, until Jun 26, 2021, 7 occurrence(s)

Please download and import the following iCalendar (.ics) files to your calendar system.

Daily:

[https://us02web.zoom.us/meeting/tZYvcu2vrD0jE9Yvew9idSDN4lhxJfXDjFkc/ics?icsToken=98tyKuGqrD4uHdaTuRCFRpwQAI\\_4LO3zpiFEj\\_pkihryWilXUSfYYu5KKph5KPza](https://us02web.zoom.us/meeting/tZYvcu2vrD0jE9Yvew9idSDN4lhxJfXDjFkc/ics?icsToken=98tyKuGqrD4uHdaTuRCFRpwQAI_4LO3zpiFEj_pkihryWilXUSfYYu5KKph5KPza)

Join Zoom Meeting

<https://us02web.zoom.us/j/82254726992?pwd=bm9sQ2dsSFBSM1ZJYWpGeTBWbDhJQT09>

Meeting ID: 822 5472 6992

Passcode: phlrcpbcb

One tap mobile

+16699006833,,82254726992# US (San Jose)

+19292056099,,82254726992# US (New York)

Dial by your location

+1 669 900 6833 US (San Jose)

+1 929 205 6099 US (New York)

+1 253 215 8782 US (Tacoma)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 346 248 7799 US (Houston)

Meeting ID: 822 5472 6992

Find your local number: <https://us02web.zoom.us/j/kAmV9LCUE>

Dr. Medha Kanetkar

Co-ordinator

RTMNU Recognized Place for Higher Learning & Research

C.P. & Berar College, Tulsibag, Mahal, Nagpur

Mob. 9970934336

### **Workshop Schedule & Details:**

Day & Date	10 am to 10.30 am	10.30 am to 11.30 am	11.30 am to 12.30 pm	12.30 am to 1.30 pm	1.30 am to 2.00 pm	2pm to 3 pm	3p m to 4 pm	4pm to 5 pm	5pm to 9 pm
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20/06/2022 Monday	Introduction	<b>Dr. Nikhil Atale</b> Meaning of research, Motivation and Objectives of Research	<b>Dr Nikhil Atale</b> Research Process	<b>Dr Nikhil Atale</b> Developing Theoretical Framework	<b>B r e a k</b>	<b>Dr. Divya Lakhera Mechanism of Thesis writing</b>	Dr. Vinod Dongarwar M.S . Word for Thesis writing Video Lecture	Practice Activity	Activity uploading
21/06/2022 Tuesday	<b>Activity Discussion Energizer</b>	<b>Vishnu Thakre Significance of Yoga in RESEARCH</b>	<b>Dr. Medha Kanetkar</b> Research Design Formulation of Objective	<b>Dr. Medha Kanetkar</b> Formulation of Hypotheses		DR. Vinod Dongarwar Google Forms Video Lecture	Dr. Priti Dharmik ICT Video Lecture	Practice Activity	Activity uploading
22/06/2022 Wednesday	<b>Activity Discussion Energizer</b>	<b>Dr Ashish Linge</b> Methods of Sampling	<b>Dr Ashish Linge</b> Sample Size Determination	<b>Dr Ashish Linge</b> Sample Size Determination		<b>Dr. Priti Dharmik ICT</b>	<b>Dr. Priti Dharmik ICT</b>	Practice Activity	Activity uploading
23/06/2022 Thursday	<b>Activity Discussion Energizer</b>	<b>Dr Dini Menon Secondary Data &amp; Lit. Review</b>	<b>Dr. Sunil Pahwa</b> Plagiarism	<b>Dr Ashish Linge</b> Primary Data, Designing Questionnaire		<b>Dr. Medha Kanetkar Pre &amp; Post Ph.D. Procedure of RTMNU</b>	<b>Se min ar</b>	Seminar & activity	Activity uploading
24/06/2022 Friday	<b>Activity Discussion Energizer</b>	<b>Dr. Sunil Pahwa Bibliography</b>	<b>Dr Ashish Linge Unit III</b> Reliability and Validity of Data	<b>Alekh Chorasiya Communication &amp; PPT Presentation</b>		<b>Seminar</b>	<b>Se min ar</b>	<b>Seminar &amp; Activity</b>	Activity uploading

25/ 06/ 2022 Saturday	Activity Discussion Energizer	Dr. Rekha Sharma Concept of Measures of Central Tendency	Dr. Rekha Sharma Concept of Measures of Dispersion, Standard Error	Dr. Rekha Sharma Hypothesis testing Type I and Type II Error, P value		seminar	seminar	Seminar	Activity uploading
26/ 06/ 2022	Activity Discussion Energizer	Examination	Concluding Function	Feedback		Certificate Distribution			

## Profile of Lecturers

- Name -Alekh D Chourasia**

Hometown- Nagpur

Qualifications- CFP(certified financial planner) , MBA finance , NCFM level 2, Commodity and depository Trainer , B.Com.

Domain expertise- 7 years of public speaking, Communication & corporate training experience

Expertise in fields of Personality development , business communication, soft skills , people's skill , teacher's training , students parent counselling ,delivered over 500 sessions and seminars for more than 5000 people over the years ,Trained over 1500 students , employees , professionals.Conducted corporate training for various brands.

- Divya Lakhera**

Brief Profile : Divya Lakhera is an Educationist , Content Strategist , Writer , Business Communication Expert , Teachers Trainer , Corporate Trainer , Life Coach and NLP Practitioner with more than 15 years of teaching experience and 9+ years of experience in Training .

She has conducted more than 500 professional development workshops for the teaching faculty at school and college level on Learning Goals , Teaching Methodology , Effective Communication Skills , Presentation Skills , Different styles of Learning , Classroom Management and Teachers as Leaders . Trainees have termed her workshops as highly valuable , effective , memorable , wonderful , interesting and life transforming experiences .

As a Business Communication Expert , she has collaborated with faculty members of Engineering and Management Colleges in Maharashtra to design year - round need - based curriculum in Communication Skills and Language Proficiency for undergraduate and post graduate students .

She has a wide experience of training students in Public Speaking , Presentation Skills , Effective Communication Skills and Creative Writing . She has also trained a large number of students and professionals in Business English , preparing them for BEC ( Business English Certificate ) Examination conducted by British Council ,

As the Chief Editor and Content Strategist for a leading publication house , she has edited and designed a diverse set of school textbooks on different subjects , primarily English , Environmental Science and General Knowledge for classes 1-10th .

She is the writer of " Our Beautiful World " an Environmental Science textbook for class V , as per NCERT syllabus for CBSE board . A multi - faceted personality , she has written articles for college magazines , newspapers and research journals , designed and developed contents for websites , brochures and training material and also edited dissertation papers and research articles for technocrats . She is the recipient of the Best Paper Award at Confluence III -'Annual International Conference on Teaching and Learning English as a Second Language ' held at Nagpur in 2011 .

She has been closely associated with leading educational institutions across the country , having the rich experience of working with some of them . Her students have made their presence felt in the top notch universities of India and abroad , many earning a name for themselves in various innovative arenas at job front . She has guided a number of students to opt for the most suitable career choice and helped them hone their professional skills through regular counseling .

She has also trained professionals from the corporate world and members of non - teaching staff through lectures , discussions and group activities based on different learning needs in language development skills . Her happiness lies in motivating trainees to always strive ahead to reach the pinnacle of unprecedented success by pursuing and achieving all their professional goals in the most fulfilling manner.

- **Dr. Sunil Kumar Pahwa**

- 40 years of teaching experience in G.S. College of Commerce & Economics ( Autonomous ) , Jabalpur ( M.P. ) presently working as Principal .
- Approved research Guide , Faculty of Commerce- 21 Ph.Ds. awarded , 6 pursuing  
Ex- Chairman and Dean Faculty of Commerce , RDVV , Jabalpur Ex- Chairman
- Central Board of Studies in Commerce , Madhya Pradesh Ex- Executive Member RDVV Jabalpur . Member UGC Committees .



- Life Member , Indian Accounting Association . Life Member , Indian Tourism Congress Life .
- Commerce Associate Member Governing Body & Academic Council- BSSS Bhopal & XIDAS Jabalpur Member Board of Studies- Barkatullah University , Bhopal & Sage University Indore Member Selection and Inspection Committees of RDVV Jabalpur
- Examiner of Ph.Ds. and D. Litt . In various university Keynote Speaker in National Conferences , Seminars and Workshops
- Dr. Sunil Kumar Pahwa Principal , G.S. College of Commerce & Economics ( Autonomous ) , Jabalpur
- e - mail : pahwa.skp@gmail.com Mobile : 9424768800 .

### **Dr. Dini Menon**

Dr. Menon has done her PhD , M.Com , MBA , M.Phil ( Comm . ) , MIRPM , MA ( Eco ). She is working as a faculty of Commerce in Hislop College , Nagpur with teaching experience of 16 years . She is Supervisor for Ph.D and several students have completed Ph.D under her guidance for add - on - course .

- Dr. Dini is recognised Councillor for IONOU and TCS trained trainer Blue and Yellow Long . She is Member of IQAC in her college
- She is in - charge of Research Advisory committee and Human Resource Development Cell . She has completed three Research Projects sponsored by UGC and TIDA
- Dr. Dini has published seven books in the subjects of Commerce and Management . She has too published Nenty tua Research Papers and Articles in National and International journals , Newspapers and Magazines .
- She has delivered lecture on the topic " Best practices be adopted by HEIs for Quality enhancement in various Institutions

### **• Youtube links shared during workshop**

<https://youtu.be/9d3Vc-9IHh0>

[https://youtu.be/Pa\\_jaYdP-d4](https://youtu.be/Pa_jaYdP-d4)

<https://youtu.be/8eRP7aSMG3Y>

<https://youtu.be/I9P3qRNLrBI>

<https://youtu.be/4P1I0saYfjk>

<https://youtu.be/NRUOLo9z1Pw>

## Participants List :

The workshop convention got huge response and participants confirmed their participation by various modes like email, sms, phone google forms, whatsapp links, calls etc. The list of participants is as below :

### Link to Google form -

[https://docs.google.com/forms/d/1hky7eRIwVzlr1\\_b3L7RXhbFsAjbPFa5iGSIJ0QRvmU/edit](https://docs.google.com/forms/d/1hky7eRIwVzlr1_b3L7RXhbFsAjbPFa5iGSIJ0QRvmU/edit)

Email address	Name	Age	Profession	City	State	Phone Number
hemangikenekar@gmail.com	Hemangi K	34	Research Student	Nagpur	Maharashtra	8975767173
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	Suresh Doifode		Student		a	4
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	Vitthal Mundafale				a	6
mrnmayeekanetkar@gmail.com	Mrunmayee Kanetkar	26	Research Student	Nagpur	Maharashtra	8421632825
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toshitkadu@gmail.com	Toshit kadu	28	Research Student	Nagpur	Maharashtra	8668681325
dassonali2008@gmail.com	Sonali Dutta	36	Research Student	Nagpur	Maharashtra	7893052531
snehawankhede2008@gmail.com	Sneha Wankhede	34	Research Student	NAGPUR	Maharashtra	08149990099
profvishwaspatil@gmail.com	Vishwas Suresh Patil	42	Research Student	Nagpur	Maharashtra	8975669912
snehawankhede2008@gmail.com	Sneha Wankhede	34	Research Student	NAGPUR	Maharashtra	08149990099
ashimavarghese8@gmail.com	Ashima Joseph	42	Teacher	Nagpur	Maharashtra	9823047599
jai02ngp@gmail.com	DR. JAI A. NISHAD	45	Teacher	NAGPUR	Maharashtra	8668456575
kaharsharda150@gmail.com	Sharda Vijay Kahar	37	Research Student	Nagpur	Maharashtra	7620788551
aishwaryamhaiskar@gmail.com	Aishwarya Milind Mhaiskar	27	Research Student	Nagpur	Maharashtra	9096676569
akashjha200@gmail.com	Suraj Kumar	26	Research Student	Delhi	Other	9958990680

## Details of the Event :

### Chairperson

**Dr. Milind Barhate,**  
Principal, C.P. & Berar E. S.  
College, Nagpur



### Organizing Secretary & Co-ordinator

**Dr. Medha Kanetkar**  
Co-ordinator  
Place of Higher Learning and Research



The organisers made enough efforts to keep the participants engaged all the time. The icebreaker session that is Introduction of the Participants was well received. Workshops on the topic of Research Methodology might sound extreme serious, which it is indeed, but this workshop also ensured that participants enjoy what they learn.

Sessions included experts talking on the various topics including practical aspects of research and review of literature, Hypothesis formation, computerised quantitative analysis, questionnaire designing, bibliography writing and much more. The concepts were made clear with simple-day-to-day examples.

Research is done to explore the new dimensions and offer strength to existing knowledge. When research scholars take up such tasks then each and every procedure of research should be conducted with utmost seriousness said Dr. Milind Barhate, Principal, C.P. & Berar E.S. College while addressing the students. A rigorous week-long online workshop was organized by Place of Higher Learning and Research, C. P. & Berar E. S. College, Tulasibagh Mahal during 20 to 26 June. Dr. Barhate further told that research experts at the workshop have colossal experience and students should make maximum out of this workshop.

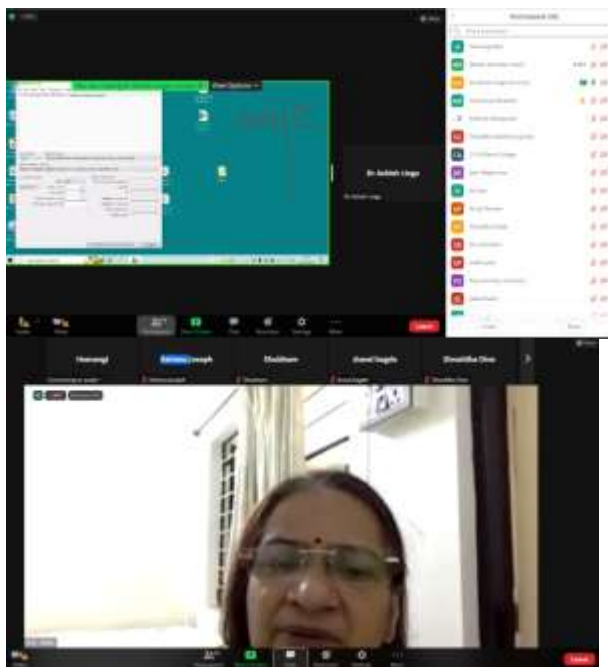
Dr. Sunil Pahwa, from Jabalpur while presenting upon Plagiarism said that, in research writing, avoiding plagiarism is important because once you submit a paper that is flagged as plagiarized, it will cost you significantly. For students, this could mean a failing grade, and for professional researchers, this could adversely affect their reputation and credibility.

Various topics from Meaning, Motivation and Objective of Research to Research Process, Research Design, sample Size, Data Collection, Bibliography, ICT skills, Formulation of Hypothesis, Testing, Errors, Plagiarism etc were illustrated. Experts like Dr. Nikhil Atale, Dr. Divya Lakhere, Dr. Vinod Dondarwar, Vishnu Thakre, Dr. Medha Kanetkar, Dr. Priti Dharmik, Dr Ashish Linge, Dr Dini Menon, Dr. Sunil Pahwa,

Alekh Chorasiya, Dr. Rekha Sharma shared their expertise and gave insights to students.

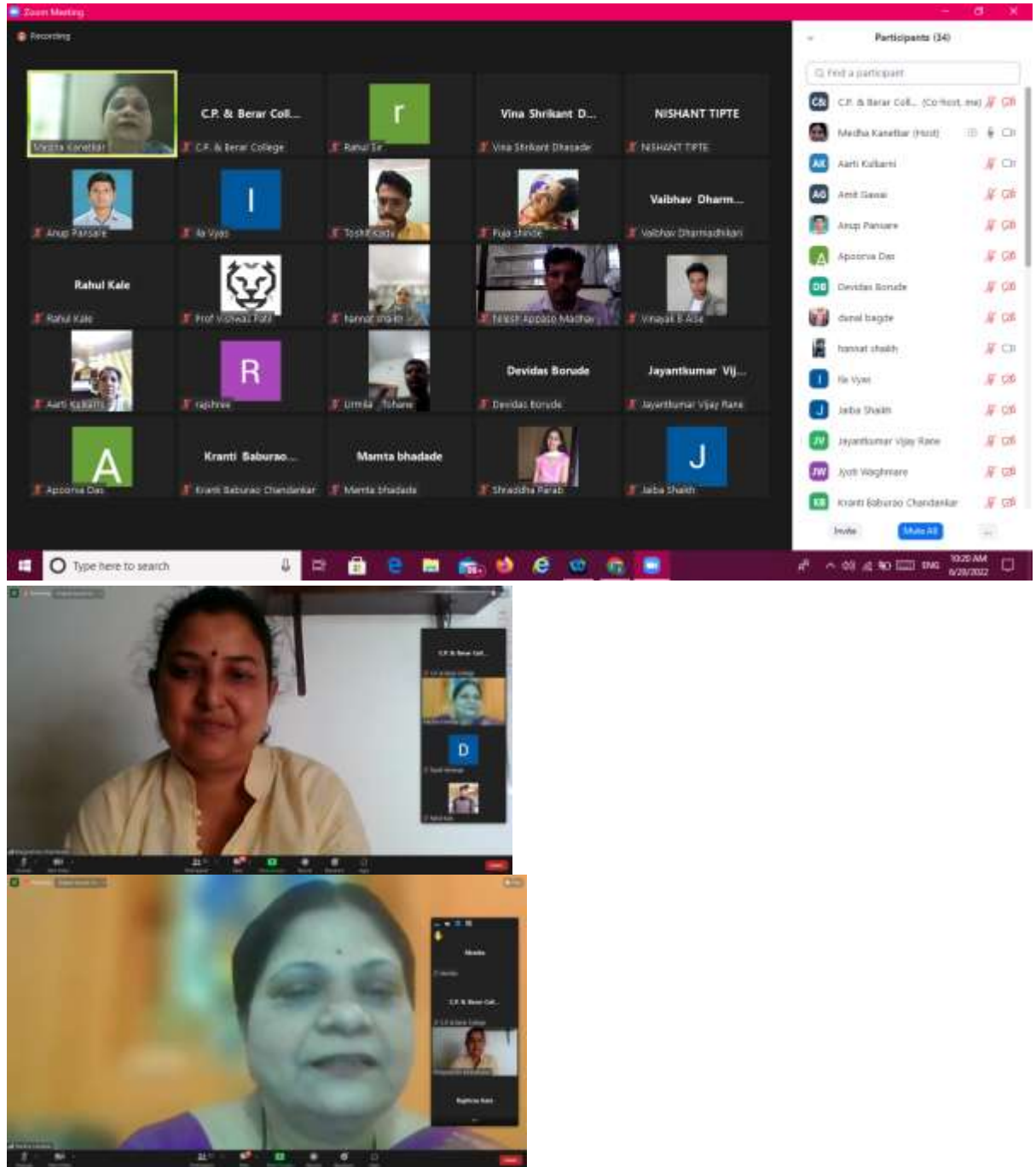
Dr. Medha Kanetkar, Organizing Secretary informed that the workshop saw an overwhelming response, and over 40 research scholars pan India attended the workshop. We saw participation from Delhi, Mumbai, Konkan, MP and nearby areas, she added.

### **Photos of the Workshop**









## Media coverage :

<https://mh20live.com/mh20live-224/> संशोधन कार्यात गांभीर्य महत्वाचे -  
डॉ. बारहाते



### डॉ. बारहाते यांचे प्रतिपादन

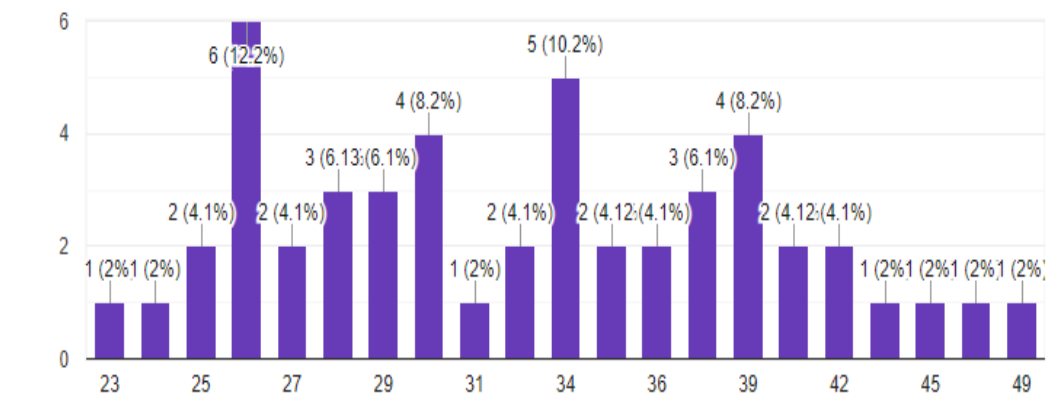
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સાંભળતા પોતા ઝીંકા થાય પાંચ વીર  
નિર્ભર, બી. બી. ઝીંકા બે તુલ, બોલેને,  
નુકસાનિયા મહાસતીની ઝાલમયામ  
મુકામથી સંભળાઇને આપેલા  
સાંભળેલ કમળના ઝાલો હોય, મરમ  
અભાગી ઝાલો તે કોલક હોય, અધ્યાત્મ  
સાંભળેલ કલ્યાણના સંભાળ ત્યારે  
પોતા અનુભવ અનુભવ નિશ્ચયથી આ  
અધ્યાત્મના મહાસતી મહાસતી મહા  
પોતા પાંચી, બી. તે અનુભવ.

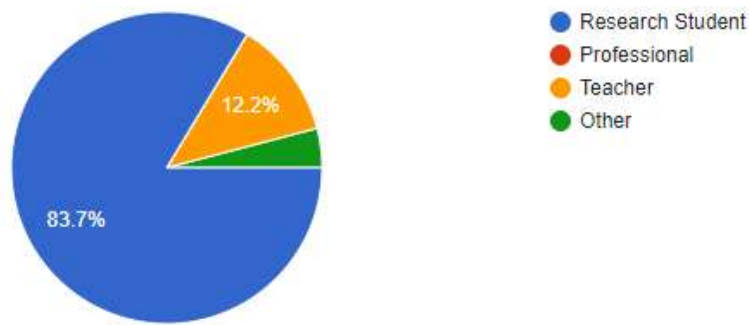
[illegible]

Downloaded At: 11:53 11 September 2009  
This document is copyrighted by the American Psychological Association or one of its allied publishers. This article is intended solely for the personal use of the individual user and is not to be disseminated broadly.

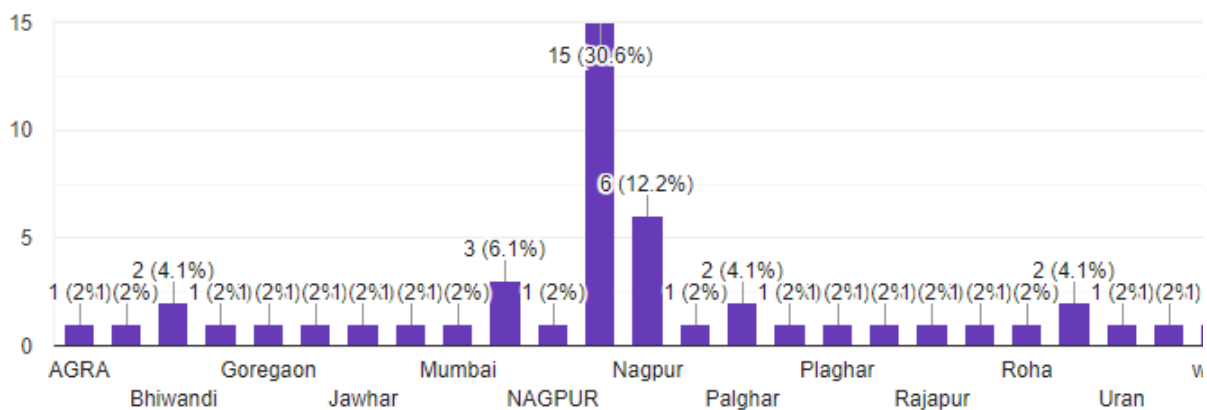
## Participants Details



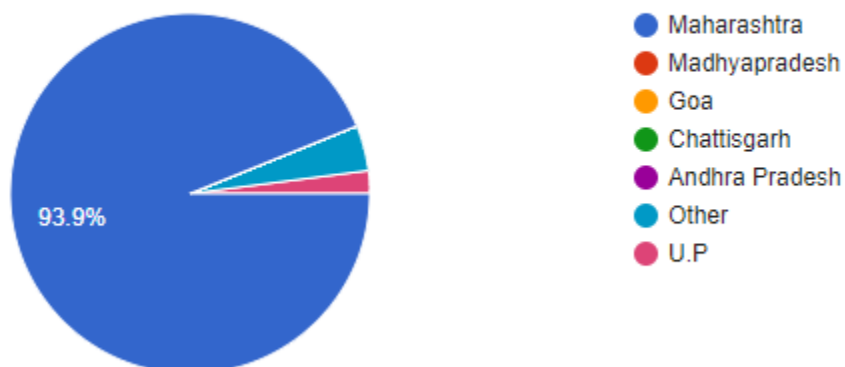
A variety of participants across various age groups participated in the online research methodology workshop. Participants from the age group ranging from 23 to 49 participated in the research methodology workshop.



A variety of participants from various professions participated in the research methodology workshop. Maximum 83.7% research students participated while 12.2% teachers were the part of RM workshop. While rest of the participants belonged to other profession.



Variety of participants from pan India participated in the RM workshops. The cities include, Agra, Bhiwandi, Goregaon, Jawahar, Mumbai, Nagpur, Palghar, Rajapur, Roha, Uran & Wardha.



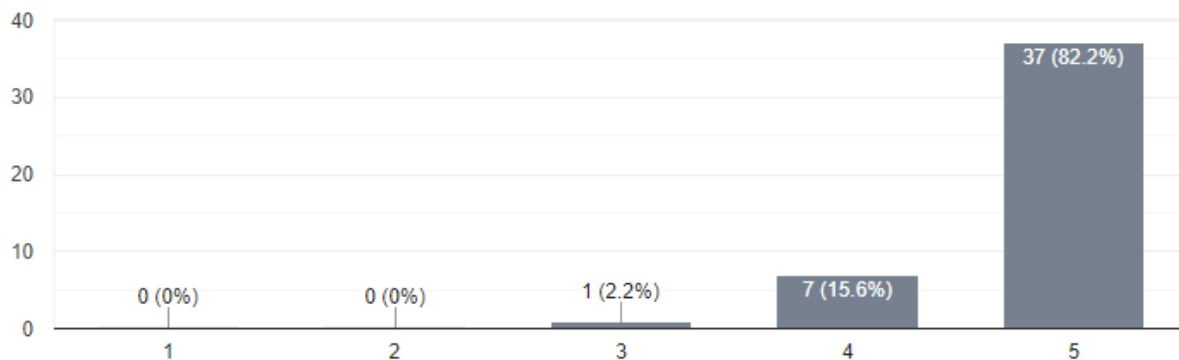
While maximum participants were from Maharashtra that is 93.9%, the other participants were from Madhya Pradesh, Goa, Chattisgarh, Andhara Pradesh, Uttar Pradesh.

## Feedback of Participants

### Link of feedback form of the participants -

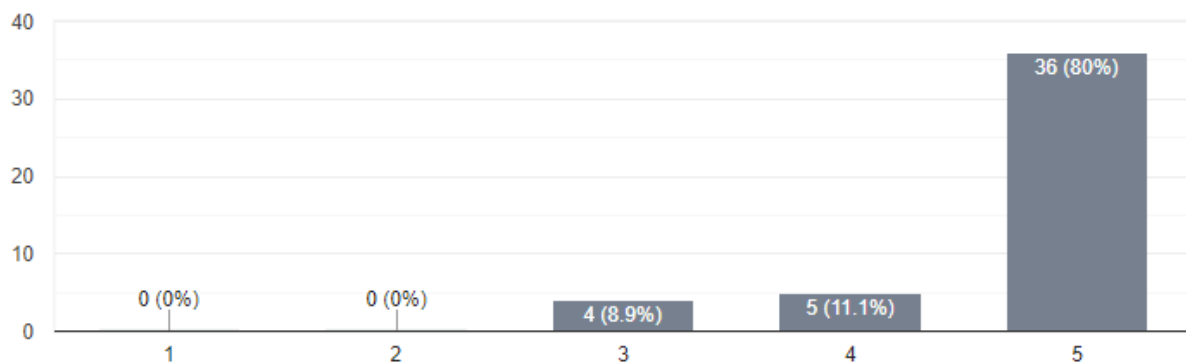
<https://docs.google.com/forms/d/1wltHb48AuXnMRbGIvuGmLus-zdPpsYAbinCieAu83kQ/edit>

### Satisfaction Level



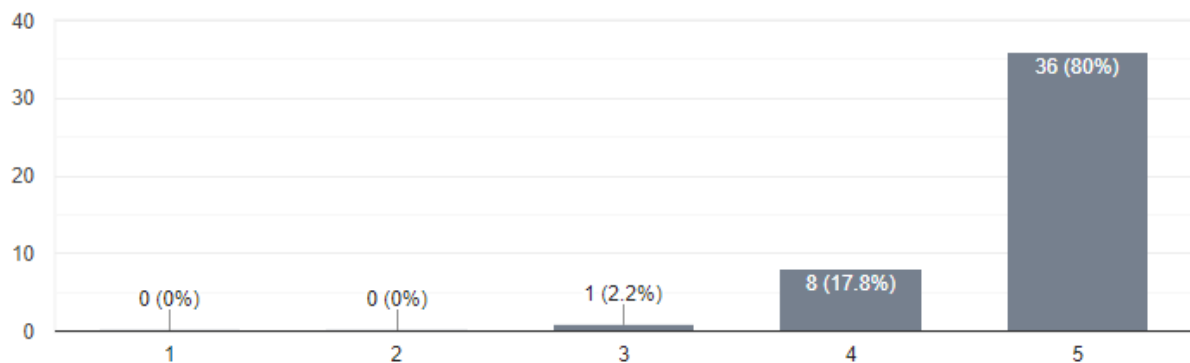
It was asked to rate the workshop for satisfaction on the scale of 5, wherein 5 means maximum satisfaction level. Interestingly 82.2% rated the workshop to be highest on the satisfaction level, while 15.6% very satisfied. 2.2% were satisfied while hardly 3% were not so satisfied.

### Relevance & Helpfulness



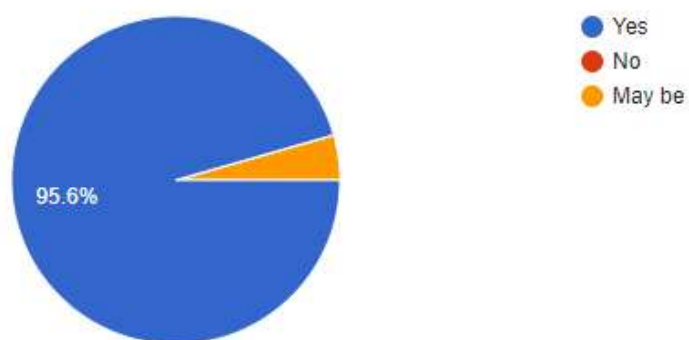
The workshop was found highly relevant by 80% participants while 11.1 found it relevant and 8.9% found it fairly helpful and relevant. Interestingly no participant found it irrelevant.

### Content of Workshop



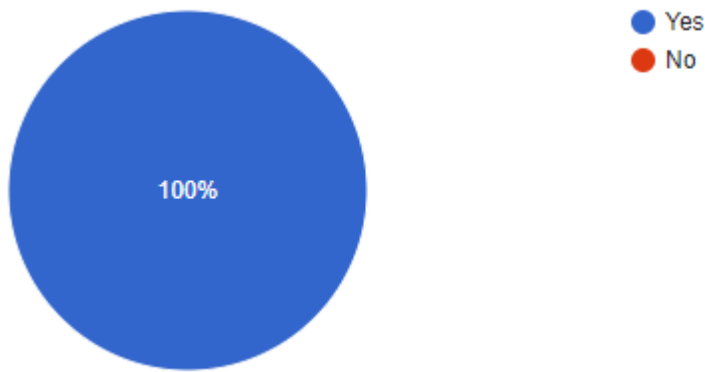
80% of the participants were extremely satisfied with the content of the workshop while 17.8% were happy with the content and rated well for it. 2.2% also found the content of the workshop to be good enough.

### Techniques of Research Methodology



While asked about learning various techniques used in research methodology, an overwhelming 95.6% participants said yes that they are aware about the techniques post attending workshop. While rest of the participants were in little dilemma and said maybe. They found that practicing those techniques will help them out.

### Recommendation



All the participants wanted to recommend the workshop to others and their colleagues. All the participants gave the similar feedback of recommendation.

***Objective achieved- It could be seen from the feedback that the multiple objective of conducting the workshop were achieved.***

### **Certificate of Participation**



### **Workshop Mark list**

**C.P.& BERAR E.S COLLEGE,**  
**Place for Higher Learning & Research**



**RESEARCH METHODOLOGY**  
**WORKSHOP MARKLIST**

Name of Research Scholar: **Mrunmayee Kanetkar**

Total Marks 100

Course Credit -16

A) Reserch Methodology MCQ	B) Seminar Presentation
Maximum Marks = 80	Maximum Marks = 20
Minimum Marks = 40	Minimum Marks = 10
Marks Obtained : 66	Marks Obtained : 18

TOTAL MARKS (A+B) = 84

Remark (PASS/FAIL) PASS-

  
**Dr. Milind Barhate**  
Principal  
C.P. & Berar E. S. College, Nagpur

  
**Dr. Medha Kanetkar**  
Organizing Secretary  
C.P. & Berar E. S. College, Nagpur



Scan for Course Credit & Schedule

**Sample Question Paper**

**ONE WEEK WORKSHOP**

**ON**

**“Research Methodology”**

**Organized by**

**C.P. & Berar College , Tulsibag, Nagpur**  
**( RTMNU Recg. Place for Higher Learning and Research)**

**Name-----**

**Roll No.-----**

**Research Methodology and Quantitative Methods**

Marks- 80

Time 1 hour

- 1) All questions are compulsory
  - 2) All question carry equal marks statement is NOT true of Research?
    - a. Research is a problem solving process
    - b. Research seeks to answer meaningful questions
    - c. Research can answer all questions.
    - d. Research involves the application of scientific method
-

2. Which one of the following terms does NOT represent a type of research design?

- a. Exploratory b. Variable
- c. Descriptive d. Experimental

3. Which of the following is the method of data collection?

- a. Randomization b. Survey
- c. Case Study d. Participant Observation

4. Which of the following terms does NOT represent a sampling technique?

- a. Multi-stage b. Quota
- c. Cluster d. Census

5. To determine how effectively programmes achieve their goals, we use

- a. Social services b. Content analysis
- c. Evaluation research d. Programme evaluation

6. Accidental samples are also called as

- a. Convenience sample b. Cluster sample
- c. Snowball sample d. Area sample

7. Testing of hypothesis begins with-----

- a. Research hypothesis b. Alternative hypothesis
- c. Null hypothesis d. Statistical hypothesis

8. Which one of the following is NOT a non-probability sampling

- a. Simple random Sampling b. Snowball
- c. Purposive sampling d. Accidental

9. Type I error refers to-----

- a. Failing to reject a false hypothesis
- b. Rejecting a true hypothesis
- c. Standard error d. Sampling error

10. Failing to reject a false hypothesis is-----

- a. Type II error b. Type I error
- c. Standard error d. Correct decision

11. In social research area the design used to search for 'what' of the problem is called---

- a. Exploratory Design b. Experimental Design
- c. Comparative Study d. Descriptive Design

12 The secondary data are collected from---

- a. Respondents of the study
-

- b. Focussed group discussion
- c. Participant observation
- d. Records

13. Which of the following is NOT a research tool for data collection?

- a. Questionnaire b. Interview Schedule
- c. Case Records d. Observation Guide

14. One of the following matches with the quantitative study in social science research—

- a. Case Study b. Statistical tests
- c. Group interviews d. Historical reports

15. The purpose of Exploratory Design is---

- a. To test a hypothesis of a casual relationship between variables
- b. To gain familiarity with a phenomenon and to develop hypothesis
- c. To provide accurate characteristics of a particular individual, group or situation
- d. All of the above

16. 'Case Study' approach refers to -----

- a. The study of adjustmental procedures
- b. The study of provision of remedial measures
- c. The study of solution of the individual's problems
- d. Intensive investigation

17. Which one of the following is a source of primary data?—

- a. Personal documents b. Personal interviews
- c. Statistical reports d. Census data

18. A researcher selects 100 workers from 10 departments of a factory giving proportionate representation

to each department. This method is called---

- a. Random Sampling b. Stratified Sampling
- c. Purposive sampling d. Cluster sampling

19. Which of the following tools allows for greater flexibility in data collection?----

- a. Interview Schedule b. Interview Guide
- c. Questionnaire d. All of the above

20. What is a researchable problem?

- a. Problem suggested by teacher
  - b. Problem without a ready answer
-



- c. As per the interest of researcher
- d. Any issue

21. Which of the following research design will you select while studying the problems of drop outs among school children?

- a. Case Study b. Participatory Research
- c. Survey Design d. None of the above

22. What do you understand by operational definition of a 'concept of research'?

- a. A dictionary meaning
- b. A nominal definition
- c. The one which is used in research operation
- d. As one likes to use

23. Which of the following is a method of primary data collection?----

- a. Survey b. Compilation
- c. Interview d. Interview Schedule

24. What does an Evaluation do?---

- a. Verification
- b. Values research process
- c. Measures impact of intervention
- d. Assesses a problem situation

25. There are different types of questionnaires, select appropriate ones-----

- a. Self-administered b. Group administered
- c. Mailed questionnaire d. All the three above

26. Order the following steps in the analysis of data-

- a. Scrutiny and editing of data
- b. Classification
- c. Tabulation
- d. All the three in above order

27. Subsequently arrange steps in writing of research report----

- I. Introduction
  - II. Methodology
  - III. Presentation of findings
  - IV. Summary and conclusion
  - a. I, II, III, IV b. II, III, IV, I
  - c. IV, I, II, III d. III, IV, I, II
-

28. An ultimate objective of scientific research is to-

- a. Control social problems
- b. Explore relations between two variables
- c. Apply statistical techniques
- d. Resent findings of research

29. Order the steps in problem formulation---

- I. Setting Objectives
  - II. Developing hypothesis
  - III. Selection of researchable issue
  - IV. Defining concepts
- a. II, III, IV, I   b. IV, III, II, I  
c. III, I, II, IV   d. I, II, III, IV

30. A sound hypothesis is-----

- a. A relationship between variables
- b. A negative statement
- c. A relationship that show its direction
- d. None of the above

31. A Concept is-----

- a. A word or phrase
- b. A word or phrase as one understand
- c. A mental construct
- d. As defined in a dictionary

32. Select an appropriate questionnaire method from among the following---

-

- a. Projective method   b. Mail method
- c. Group discussion method   d. Panel method

33. From the given below select the most appropriate ordinal scale---

- a. Marital status   b. Intelligence Quotient (I.Q.)
- c. Religion   d. Education

34. For selecting sampling units which of the following method is appropriate?----

- a. Tippets numbers
  - b. Judgemental method
  - c. Systematic sampling technique
  - d. None of the above
-

35. Problem formulation in Social Research means-

- a. Selection of a researchable issue
- b. Setting hypothesis
- c. Developing hypothesis
- d. All the above

36. Given below are hypothesis. Select sound hypothesis-----

- a. Girls from rural areas are more likely to marry at younger age than those from urban areas
- b. Early age at marriage should be avoided
- c. There is no relationship between age at marriage and caste
- d. Girl's age at marriage and schooling are related

37. Select variable from those given below-----

- a. Independent b. Dependent
- c. Intervening d. All the three above

38. Pretest is often used to-----

- a. Collect data
- b. Examine structure of questions or an interview schedule
- c. Test respondents' co-operation
- d. Study a problem

39. In which of the following way non-random sampling units are chosen?

- a. Purposive Sampling b. Simple Random Sampling
- c. Tippets Table d. Systematic random sample

40. Deviation/dispersion of a distribution is measured by-----

- a. Computing averages b. Locating modal values
  - c. Finding mean value d. Standard Deviation
- 

-----Ends-----