#### REPORT OF STATE LEVEL ONE WEEK FDP ON RESEARCH METHODOLOGY

The State level one week FDP on "Research Methodology" was organized by IQAC & Research Cell of Sree Narayana Guru College of Commerce in association with Sree Narayana Guru College of Education was started from 21<sup>st</sup> to 26<sup>th</sup> August, 2023 with the objective to equip the faculties with essential skills and knowledge to conduct effective research. 48 faculties of different streams belonging to higher education institutions situated in various parts of the Maharashtra State contributed to the success of the programme by their active participation and keen interaction.

I am honored to stand before you today to summarize the one-week Faculty Development Program (FDP) on Research Methodology that we have just completed. This intensive program has been a transformative experience for all of us, and I would like to highlight some key takeaways.

First and foremost, this FDP has emphasized the importance of research in academia. Research is the bedrock upon which knowledge is built, and it is through research that we can address the challenges facing our society and contribute to its betterment.

During this week, we delved deep into the various aspects of research methodology. We learned about different research paradigms, research designs, and data collection methods. We explored the nuances of qualitative and quantitative research, and we gained a comprehensive understanding of how to formulate research questions and hypotheses.

One of the crucial aspects of this FDP was the focus on ethical considerations in research. We understood the importance of conducting research with integrity, ensuring the rights and wellbeing of research participants, and maintaining academic honesty.

The first day of FDP handled by Dr. Mona Mehta, IQAC Coordinator and vice principal of Nagindas Khandwala college, Mumbai, She gave a clear idea of technical writing in research. She explained the goal and key aspects of technical writing in research.

The Second day of the session led by Dr. Amrita Aggarwal, her profound expertise was vividly displayed as she delved into multifaceted dimensions of research publication sources.

The third day of the session led by Mrs. Sonali Vatkar, Librarian, Nagindas Khandwala college, Mumbai. Sonali madam not only provided theoretical insights but also conducted practical demonstrations offering hands on training to the participants.

The 4<sup>th</sup> and 5<sup>th</sup> day of the FDP had the hands on session on Jamovi software, which is an open source statistical package that provides user friendly interface for analyzing the data. Dr. Madhukar Delvi sir, Assistant professor, Nagindas Khandwala college, Mumbai, shared his expertise through PPTs and interaction with the participants. His style of explanation was quite enriching and motivating for the participants.

The final day of the FDP handled by Dr, Maushmi Datta, Principal Nagindas college, Mumdai, on the topic of 'Overview of Research Methodology Including Ethics. She brilliantly explains different types of research methodology and ethical considerations for different stakeholders.

In conclusion, this one-week FDP on Research Methodology has equipped us with the knowledge, skills, and ethical foundation necessary for conducting meaningful research. As educators, researchers, and scholars, we have a responsibility to contribute to the advancement of knowledge, and this FDP has provided us with the tools to do just that.

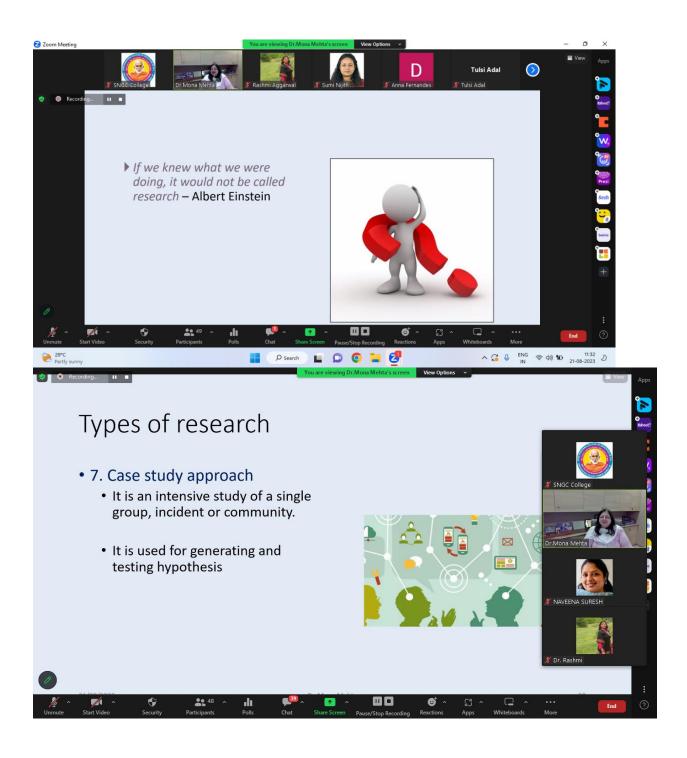
I would like to express my gratitude to the management, organizers, facilitators, and fellow participants for making this FDP a success. Let us take the lessons learned here and apply them to our research.endeavors, ultimately contributing to the growth of our academic community and the betterment of society as a whole.

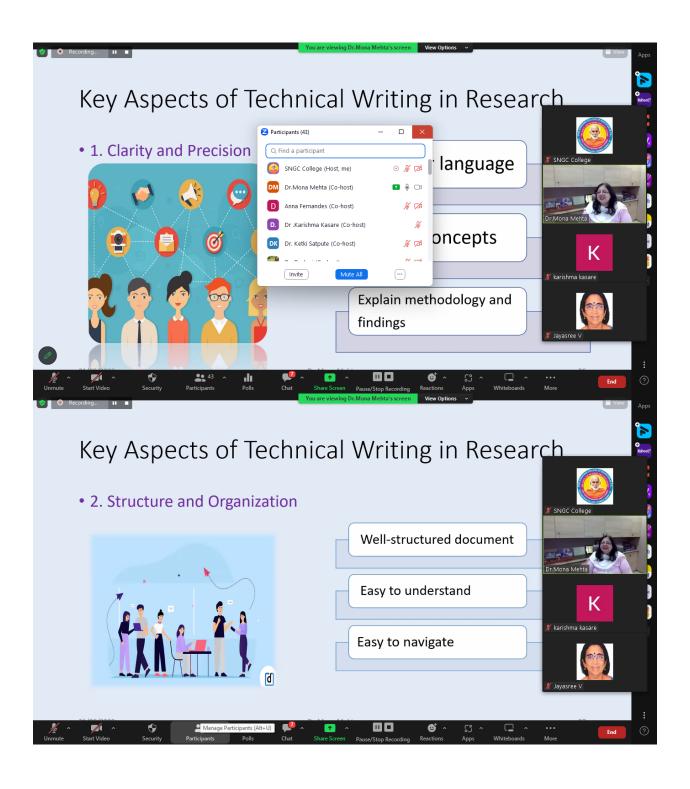
## " ONE WEEK FDP ON RESEARCH METHODOLOGY "

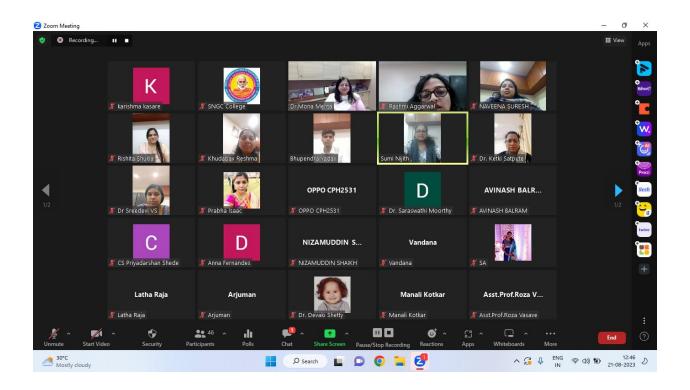
Day 1: Technical Writing in Research -Types & Importance Time: Aug 21, 2023 11:00 AM

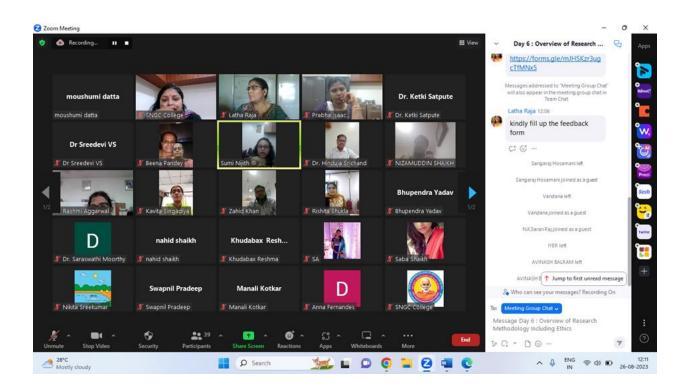
The programme started by 11 am with the general welcoming of Dr. Rashmi Aggarwal. After the prayer Dr Ravindran Karathadi, Principal, Sree Narayana Guru College of Commerce gave a Welcome Speech. He said that a teacher should be a lifelong learner, an outdated person will be a failure. He welcomed all participants by wishing a great success of the event. Dr. Anna Fernandas, Principal, Sree Narayana Guru College of Education, gave a speech. She shared her happiness on taking part of the programme and gave her gratitude. Dr Srichand Hinduja, Vice Principal, Sree Narayana Guru College of commerce gave an introduction about the workshop. Dr Sumi Nijith, research cell coordinator, Sree Narayana Guru College of Commerce, gave an introduction about the keynote speaker. Around 11.30 the session by Dr Mona Mehta, Vice Principal, and IQAC Coordinator, Nagindas Khandwala College started.

The session begins with the quotes of Albert Einstein and Wilson Mizner. She explained the definition, objectives, importance and different types of research. The speaker then gave a clear idea of technical writing in research. She explained the goal and key aspects of technical writing .By the vote of thanks by Dr Karishma Kasare the programme came to an end.









Report on FDP Day 2 "Selection procedure for research Publication"

Date: 22<sup>nd</sup> August, 2023. Mode of conduct: Online

PREPARED BY: PRABHA JASMINE NADAR

**INTRODUCTION:** 

The second day of the Faculty Development Program (FDP) focused on the "Selection Procedure for Research Publication," organized by the Research Cell of Sree Narayana Guru College of Commerce in conjunction with Sree Narayana Guru College of Education. Building upon its prior success, the program aimed to further enrich the research skills of faculty members. Its primary objective of the FDP's ongoing mission is to enhance the research acumen of faculty, empowering them to adeptly navigate the distinct selection protocols for research publications, both funded and non-funded.

**EVENT HIGHLIGHTS:** 

General Welcome by Ms Pushpalatha Raja (Asst. Professor- SNG College of Education):

Commencing the day's activities, Ms.Pushpalatha Raja, the Assistant Professor of SNG College of Education, extended a heartfelt welcome. Her inaugural comments established a favorable ambiance for the events ahead, underscoring the importance of the FDP and the invaluable insights awaiting the participants.

KEYNOTE ADDRESS BY DR. KETKI SATPUTE (ASST. PROFESSOR- SNG COLLEGE OF EDUCATION):

Dr. Ketki Satpute, Assistant Professor at SNG College of Education, extended a cordial welcome to Dr. Amrita Aggarwal. During the introduction, Dr. Satpute elaborated on Dr. Aggarwal's qualifications, achievements, extensive experience, and deep knowledge within the research domain, emphasizing her role as the keynote speaker for the event.

SESSION BY DR. AMRITA AGGARWAL:

The session led by Dr. Amrita Aggarwal. Her profound expertise was vividly displayed as she delved into multifaceted dimensions of research publication sources. Her focused exploration of both funded and non-funded research shed light on invaluable insights for researchers. Dr. Amrita Aggarwal transcended mere theoretical discussion, offering participants comprehensive direction in the intricate journey of selecting appropriate research publication sources. Her discourse intricately covered vital considerations and prerequisites crucial for skillfully navigating the selection process and effectively steering research towards successful publication.

# **INTERACTIVE Q&A SESSION:**

Active engagement was strongly encouraged during the FDP, with participants displaying enthusiasm by posing questions and seeking clarification from Dr. Amrita Aggarwal. Her adeptness in providing thorough and comprehensive responses contributed significantly to the program's overall effectiveness and accomplishment.

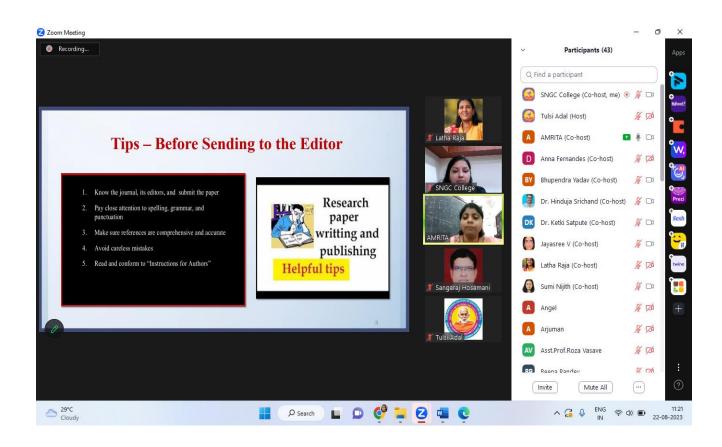
#### **CONCLUSION:**

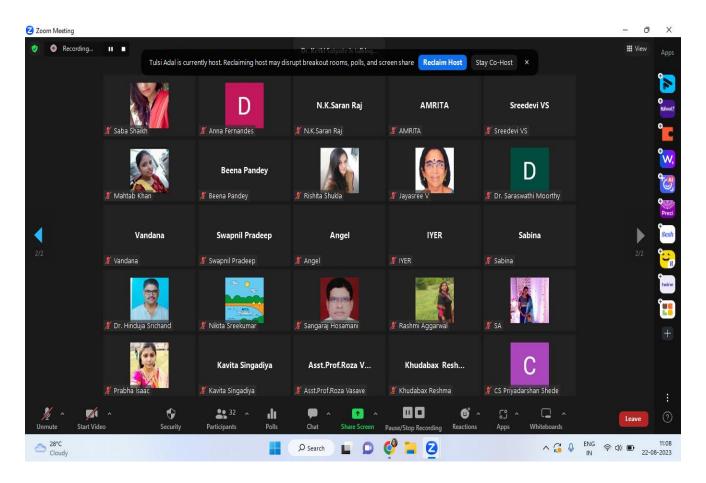
The second day of the FDP centered around the "Selection Procedure for Research Publication" resonated as a remarkable triumph. The synergy between Sree Narayana Guru College of Commerce and Sree Narayana Guru College of Education yielded fruitful outcomes. Participants departed the event enriched with advanced insights into the research publication selection process, igniting a newfound passion for research endeavors.

Beyond merely providing valuable perspectives on Research Publication, the event fostered a deeper comprehension of funded and non-funded research dynamics among the faculty members. The knowledge garnered on this day is poised to leave a lasting imprint on the participants' research pursuits, subsequently benefiting the broader academic community.

The triumph of Day 2 sets a promising tone for the upcoming segments of the FDP. The skills and knowledge absorbed during this juncture are anticipated to lay the foundation for pioneering research initiatives and an elevated standard of academic excellence in the days to come.

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# Report on FDP Day 3: Use of E-Resources in Research

Date: 23<sup>rd</sup> August, 2023.

Venue: Seminar Hall - Sree Narayana Guru College of Commerce

Mode of conduct: Offline

Prepared by: Rishita Shukla (Coordinator, BMS Department)

## **Introduction:**

The Faculty Development Program (FDP) on the "Use of E-Resources in Research," conducted by the Research Cell of Sree Narayana Guru College of Commerce in collaboration with Sree Narayana Guru College of Education, continued its successful journey on Day 2. The program was designed to enhance the research capabilities of faculty members, enabling them to harness the power of electronic resources in their research endeavours.

## **Event Highlights:**

General Welcome by Dr. Anna Madam (Principal - SNG College of Education):

The day began with a warm welcome from Dr. Anna Madam, the Principal of SNG College of Education. Her opening remarks set a positive tone for the day's proceedings, emphasizing the significance of the FDP and the valuable knowledge participants would gain.

# **Keynote Address by Sri O K Prasad (General Secretary - SNMS):**

Following the welcome, Sri O K Prasad, the General Secretary of SNMS, took the stage. He shared his vast experience in the field of education, particularly highlighting his association with IIPS and TISS. Mr. Prasad underscored the pivotal role of research in academic and societal development. He motivated the faculty members to undertake minor research projects, emphasizing their potential to contribute significantly to the institution's growth and knowledge dissemination.

## Felicitation of Resource Person, Mrs. Sonali Vatkar:

A special moment of recognition came as Sri O K Prasad felicitated Mrs. Sonali Vatkar, the esteemed resource person for the day. Mrs. Vatkar's credentials and expertise were acknowledged, setting the stage for an insightful session.

## Session by Mrs. Sonali Vatkar:

Mrs. Sonali Vatkar's session was undoubtedly the highlight of the day. With her extensive knowledge, she delved into various aspects of electronic resources. Her focus on open access resources, which are immensely beneficial for researchers, was particularly enlightening. Mrs. Vatkar not only provided theoretical insights but also conducted practical demonstrations, offering hands-on training to the participants. Her ability to simplify complex concepts and technologies received commendation from all attendees.

## **Interactive Q&A Session:**

The FDP encouraged active participation, and participants eagerly asked questions and sought clarification from Mrs. Vatkar. Her ability to address all queries and doubts comprehensively added to the overall success of the program.

## **Conclusion:**

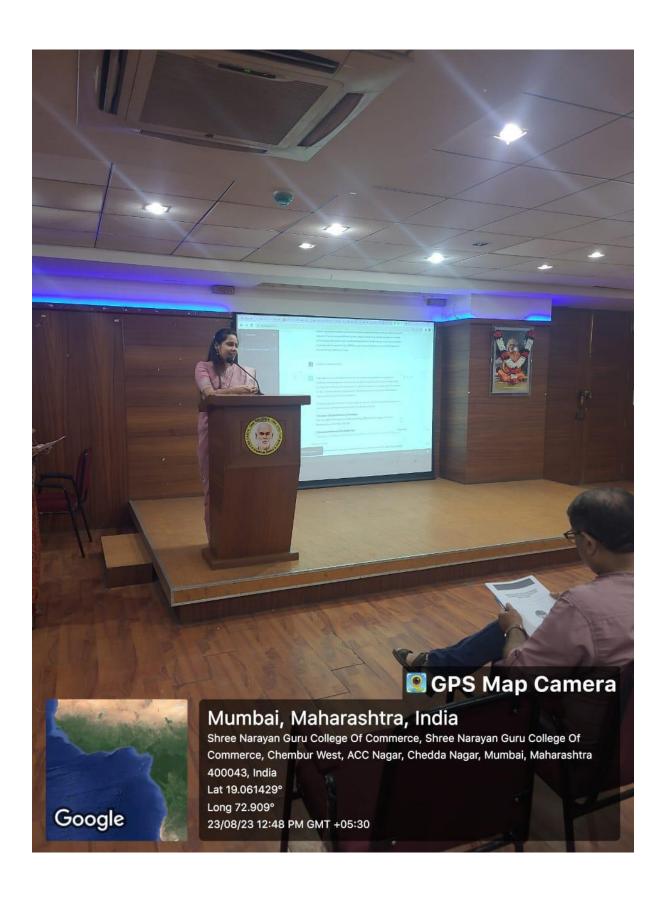
The second day of the FDP on the "Use of E-Resources in Research" was a resounding success. The collaboration between Sree Narayana Guru College of Commerce and Sree Narayana Guru College of Education proved to be a fruitful endeavour. The participants left the event with enhanced knowledge about e-resources and a newfound enthusiasm for research.

The event not only provided valuable insights into the world of electronic resources but also fostered a sense of community and collaboration among the faculty members. The knowledge gained on this day is expected to have a lasting impact on the research pursuits of the participants and, by extension, the academic community at large.

The success of Day 2 builds anticipation for the upcoming days of the FDP, and it is expected that the knowledge and skills acquired here will pave the way for innovative research initiatives and academic excellence in the future.

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#### FDP ON RESEARCH METHODOLOGY-REPORT OF DAY 4-24/8/23

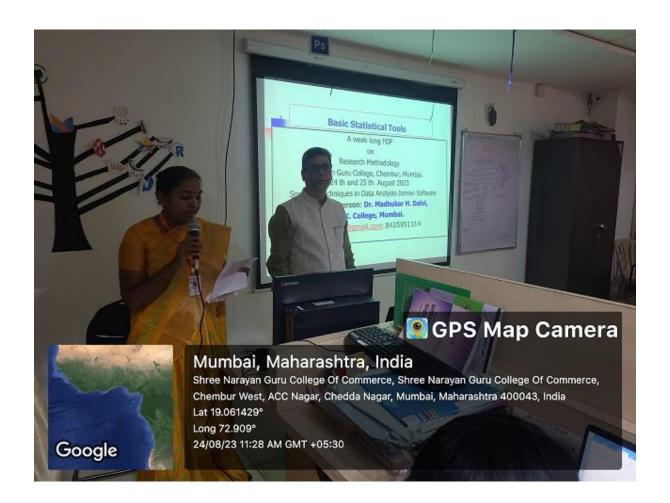
# TOPIC-DATA ANALYSIS USING JAMOVI SOFTWARE RESOURCE PERSON-Dr. MADHUKAR DALVI, NK COLLEGE

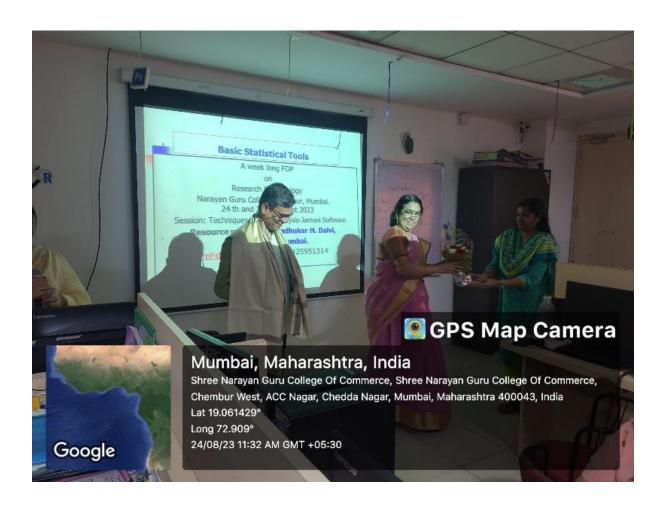
The day 3 of the Weeklong FDP organised by IQAC and Research Cell had the introduction session on Jamovi software which is an open-source statistical package that provides user friendly interface for analysing the data. This session was designed to familiarize participants with JAMOVI's features, functions, and its application in research and academia.

The session started with the welcome address by Dr. Karishma Kasare, BBI Coordinator and introduction of the Resource Person by Ms. Rishita Shukla, BMS Coordinator. Dr. Madhukar Dalvi Sir shared his expertise through Ppts and interaction with the participants. He gave insights on introduction to research, types of scales in detail, framework of research etc. The key take away of this session was the Introduction to Jamovi, for which Sir gave hands on experience to the

participants. His style of explanation was quite enriching and motivating for the audience. The session had participants of degree college, B ed College as well as faculty from other college. The session concluded for the day with the Vote of Thanks by Ms. Prabha Nadar.

**GEO TAGGED PHOTOS** 













#### ONE WEEK FDP ON RESEARCH METHODOLOGY - REPORT OF DAY 5-25/8/23

TOPIC-DATA ANALYSIS USING JAMOVI SOFTWARE RESOURCE PERSON-Dr. MADHUKAR DALVI, NK COLLEGE

The day 5 of the Weeklong FDP organised by IQAC and Research Cell had the handson workshop session on Jamovi software which is an open-source statistical package that provides user friendly interface for analysing the data. This session was designed to familiarize participants with JAMOVI software, features, functions, and its application in research and academia. The session started with the welcome address by Dr. Karishma Kasare, BBI Coordinator and introduction of the Resource Person by Ms. Rishita Shukla, BMS Coordinator. Dr. Madhukar Dalvi Sirshared his expertise through Ppts and interaction with the participants. He gave insights on introduction to research, types of scales in detail, framework of research etc. The key take away of this session was the Introduction to Jamovi, for which Sir gave hands on experience to the participants. His style of explanation was quite enriching and motivating for the audience. Thesession had participants of degree college, B.ed College as well as faculty from other college.

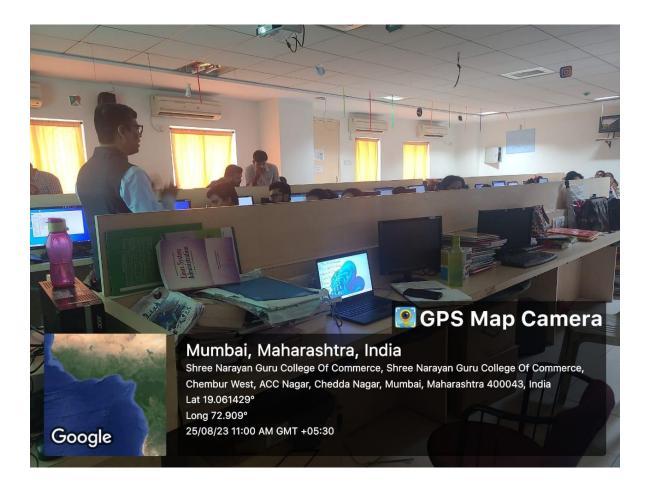
Resource person Dr. Madhukar Dalvi sir shares his expertise on the following topics.

Introduction of JAMOVI software.

- 2. Downloading and installation of Jamovi software.
- 3. Downloading of a different datasets.
- 4. How to install other modules in the jamovi software.
- 5. Conversion of file format from one to other. Exploration files
- 6. Alpha and Omega value for research analysis.
- 7. Reliability and validity.
- 8. Correlation Matrix and Correlation heatmap.
- 9. What is Compute variable.
- 10. Pearson value and Significant correlation.
- 11. Descriptive analysis and inferential analysis.
- 12. What is hypotheses and types of hypotheses (Null hypotheses and alternative hypotheses ).
- 13. Logic of hypotheses. Acceptance and rejection of hypotheses.
- 14. Types of errors (Type 1 and Type 2 error )
- 15. Decision rules for two tailed test.
- 16. Level of significance
- 17. Testing hypotheses steps.
- 18. Parametric and non-parametric tests (One sample T-Test and Independent T-Test).

This was hands on workshop. It was very much informative.

The session concluded for the day with the Vote of Thanks byDr. Karishma Kasare ma'am, BBI Coordinator.



# " ONE WEEK FDP ON RESEARCH METHODOLOGY "

Day 6: Overview of Research Methodology including Ethics Time: Aug 26, 2023 11:00 AM

#### **Minutes**

The sixth day of the Faculty Development Programme began with the general welcoming of Miss Prabha Nadar, Research Cell Member, Sree Narayana Guru College of Commerce, Chembur. Dr Jayasree Venkitachalam, Vice Principal(Administration), Sree Narayana Guru College of Commerce, gave an introduction about the keynote speaker. The resource person, Dr Moushumi Datta, Principal, Nagindas Khandwala College, Malad, started the session with an introduction about Research and Research Methodology. She explained different types of Research and explained research ethics in a detailed manner. She talked about ethical issues concerning research

participants, ethical issues for researchers and ethical issues with funding bodies. She included many examples in order to give a clear idea about the topic. She explained common types of plagiarism in detail. After the session Dr Sumi Nijith, Coordinator, Research cell, Sree Narayana Guru College of Commerce, Summarised the entire FDP. She expressed her gratitude to everyone involved for the successful completion of the programme. Vote of Thanks was given by Dr Srichand Hinduja, IQAC coordinator and Vice Principal(Academics), Sree Narayana Guru College of Commerce. With this the programme was concluded.

