



# **Dr S.C. Gulhane Prerna College of Commerce, Science and Arts**

Run by Prerna Sewa Mandal  
Reshimbag Square, Nagpur-24

Govt Recognized and Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University  
NAAC (UGC) ACCREDITED INSTITUTION 'B' GRADE (CGPA-2.32)

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## **Research and Development Cell**

### **Organized**

## **A Seminar on 'Data Analysis: Illuminating Insights for Research Excellence'**

### **Report**

**Title of Seminar: 'Data Analysis: Illuminating Insights for Research Excellence'**

**Guest Speaker: Dr Sapna Ghutke** [Assistant Professor, Dr S C Gulhane Prerna College of Commerce, Science and Arts, Nagpur]

**Chairman: Dr Ashish Gupta** [HOD, Commerce and Management, Dr S C Gulhane Prerna College of Commerce, Science and Arts, Nagpur]

**Date: 27-12-2023 and 28-12-2023**

**Time: 10:00 am – 01:00 pm**

### **Objectives:**

1. To provide faculty members the knowledge of various steps in research in general.
2. To acquaint the participants with the methods of data analysis for the data collected by them in their research.
3. To make the faculty members gain the knowledge of processing on data prior to data analysis.
4. To train the participants about how to do the analysis of data when Likert Type Scale is implemented so that authentic and valid conclusions are drawn from the analysis.
5. To guide the participants about how to use Microsoft Excel Spreadsheet for the data analysis in hypothesis testing for their research.

### **Highlights:**

1. Ms Priyanka Chandawar welcomed and introduced the Guest Speaker of the program.

2. Dr Ashish Gupta made the introductory remarks on the significance of data analysis in research for the teaching fraternity.
3. The guest speaker, Dr Sapna Ghutke explained the various steps of research.
4. Dr Sapna Ghutke also explained in detail about the different methods of data analysis in research.
5. She explained how to do the analysis of data when Likert Type Scale is implemented so that authentic and valid conclusions are drawn from the analysis.
6. Dr Sapna Ghutke also explained the use of Microsoft Excel Spreadsheet for the data analysis in hypothesis testing for their research.
7. The vote of thanks was done by Dr Sonika Mishra.

**Outcomes:**

1. The faculty members are now well aware of the various methods of data analysis.
2. The faculty members improved their research skills, with increased confidence in utilizing Microsoft Excel Spreadsheet for the analysis of data.
3. The faculty members are now well aware of which type of data analysis method to be applied for their research.
4. The faculty members are confident of implementing appropriate hypothesis testing methods in their research to draw the authentic and valid conclusions.
5. This seminar helped the faculty members to do data analysis in their doctoral research.

**Team Coordinator:**

1. Dr Sapna Ghutke

**Team Members:**

1. Dr Jai Nishad
2. Dr Manjiri Pathak
3. Ms. Priyanka Chandawar
4. Dr Sonika Mishra

**Number of Beneficiaries:**



40 Faculty Members of all departments.

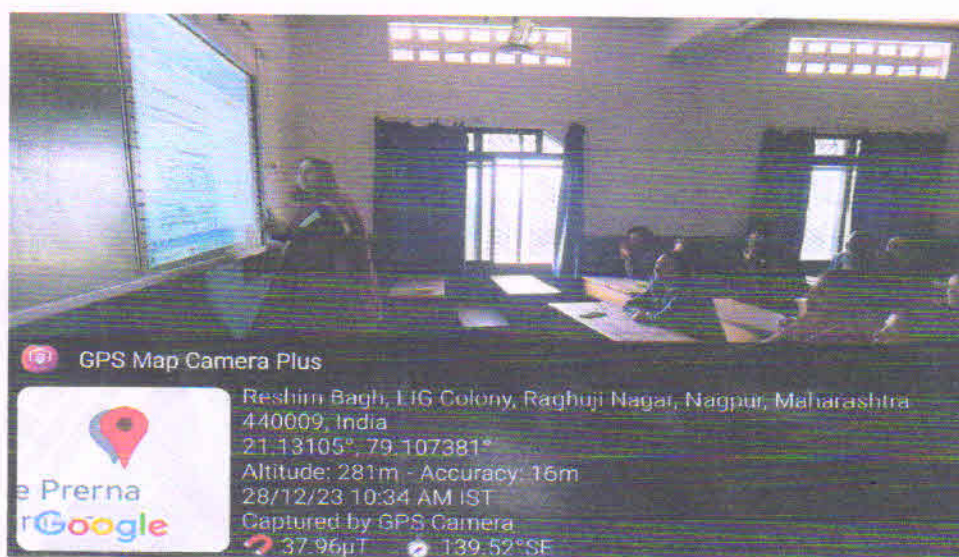
**Anchoring:** Ms Priyanka Chandawar

**Vote Of Thanks:** Dr Sonika Mishra

**Some Glimpses of Seminar on 'Data Analysis: Illuminating Insights for Research Excellence'**



Dr Sapna Ghutke conducting a seminar on data analysis in research



Dr Sapna Ghutke explained with live example of data analysis to the faculty members and cleared their doubts



Faculty members attending a seminar on data analysis.

A handwritten signature in blue ink, which appears to be 'Dr. S. C. Gulhane', written in a stylized, cursive manner.

**Program Coordinator**  
Dr. S. C. Gulhane

**Program Coordinator**  
Dr. S. C. Gulhane Prerna College of  
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