



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 ten Day Faculty Development Program on 'Advanced Research Methodology'

Report

Department: **Department of Commerce and Management**

Title of FDP: **Advanced Research Methodology**

Guest Speaker: **Dr Satishprakash Shukla** [Professor, Indian Institute of Teachers Education,
Gujrat]

Chairman: **Dr Pravin Joshi** [Director, Dr S C Gulhane Prerna College of Commerce, Science and
Arts, Nagpur]

Duration: **23-10-2023 to 03-11-2023**

Objective:

1. To provide faculty members with advanced research methodologies to improve the quality and depth of their research.
2. To Foster interdisciplinary collaboration among faculty members, encouraging the exchange of ideas and methodologies across departments.
3. To cultivate a research-oriented culture within the institution by promoting scholarly activities and publications.
4. To acquaint the participants with the use of basic qualitative and quantitative research techniques and data analysis tools with the help of softwares like Ms-Excel.

5. To provide a hands-on experience to the participants in analyzing and interpreting data for conducting research in the different subject domains by using statistical software.
6. Train participants how to draw better results from the analysis.
7. To Guide participants in writing a good research paper.

Highlights:

1. A Ten Day FDP on Advanced Research Methodology had started in online mode.
2. On the inaugural Dr Sapna Ghutke introduced and welcomed the guest speaker Dr Satishprakash Shukla.
3. Dr Pravin Joshi made the introductory remark and motivated to all participants to benefit all the sessions of FDP on Advanced Research Methodology to the fullest.
4. On the Day 1 Resource Person Dr Satishprakash Shukla explained Meaning of Research, Advanced research Methods and types of variables which are used in research.
5. On the Second Day he explained Hypothesis, Types of hypothesis and directional and indirectional hypothesis.
6. On third day Sir has explained Scales of Measurement, Types of scales and experimental research methods.
7. On the fourth day session had started with Ratio Scale, questionnaire and experimental research methods. The Validity of Experiments its objectives and four elements of experiment covered in fifth day.
8. On the sixth day he explained experimental research design, types of research design. The sampling, methods of sampling and types of random selection explained on seventh day.
9. On the day eight, session started with developmental research methods, Theory of cognitive developmental research.
10. On the day nine, he explained and hands on calculation of Mean, Mode and Median using Ms-Excel also taught calculation of correlation of co-efficient, linear correlation and scattered diagram also explained the typical methods of correlation in Ms- Excel.
11. On the day ten, Guest Speaker explained T-Test calculations with the help of hands on calculations using Ms-Excel.
12. On the valedictory function compeering was done by Dr Poonam Budhlani.

13. Dr Pravin Joshi made concluding remark said about all research sessions.
14. The Vote of Thanks was done by Dr Sapna Ghutke.
15. On the day eleven exam was conducted. The faculty members of Department of Computer Science, Department of Computer Application, Department of Commerce, Department of Management and Department of Languages appeared for the exam and then certificate distributed to all the faculty Members.

Outcomes:

1. Faculty Members are now well aware of Advanced Research Methodology.
2. Faculty member improve their research skills, with increased confidence in utilizing advanced methodologies.
3. This FDP contributed to a notable increase in research productivity, with a higher number of faculty publications and conference presentations.
4. Faculty members reported attributing it to the strengthened research proposals developed during the program.
5. The Faculty Development Program on Advanced Research Methodology successfully achieved its objectives, contributing to the overall research capacity and culture within the institution. Continued investment in faculty development programs will undoubtedly have a lasting positive impact on the institution's academic standing and contribute to advancements in various fields of 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:

56 Faculty Members of all departments.

Anchoring: Dr Sapna Ghutke

Vote Of Thanks: Dr Poonam Budhlani

Compeering: Ms Priyanka Chandawar

Some Glimpses of 10 Days Faculty Development Program:



Dr Pravin Joshi made introductory remark.



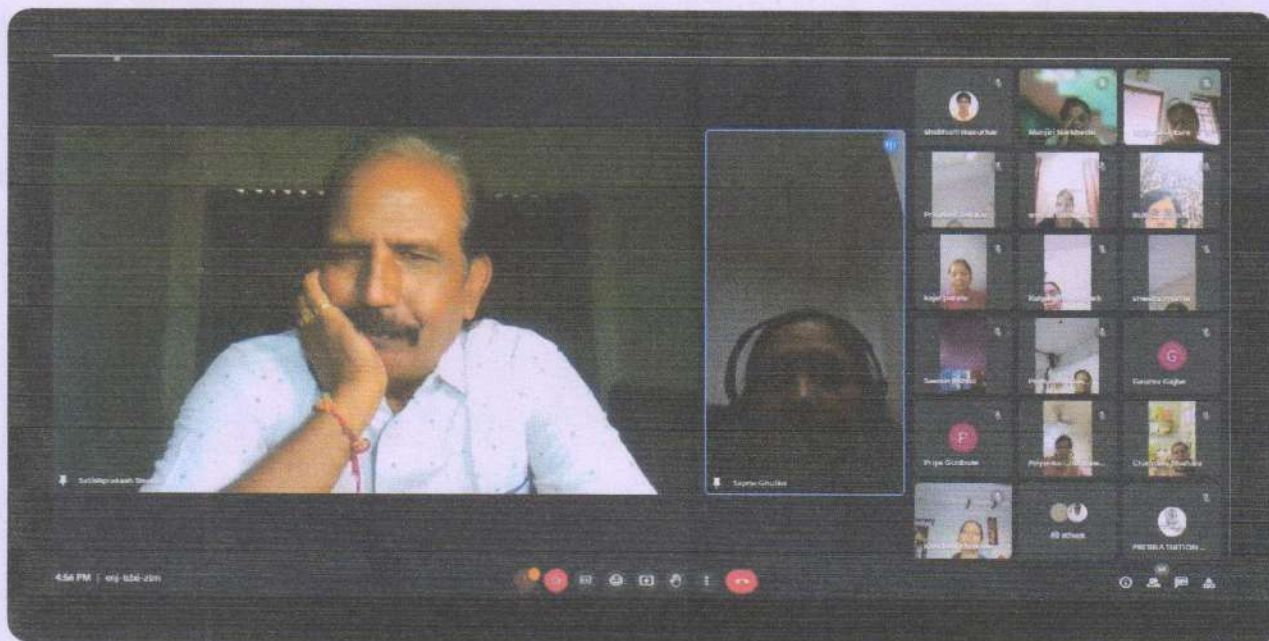
Dr SatishPrakash Shukla Conducting the virtual session of 10 day FDP on Advanced Research Methodology



Dr Satish Prakash Shukla Discussed with Faculty Members and cleared their doubts.



Chief Guest Remark on the Valedictory Function



Dr Sapna Ghutke Proposed a Vote of Thanks on 10 days FDP on Advanced Research Methodology.

[Signature]

[Dr. M.D. Pathak]

Report prepared by

[Signature]

**Coordinator
Dr Sapna Ghutke**

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