



# PTVA'S Institute of Management

(Approved by AICTE, DTE and affiliated to University of Mumbai)

Chitrakar Ketkar Marg, Behind M. L. Dahanukar College of Commerce, Vile Parle (East), Mumbai –400 057.

Tel.: 022-31061594/31099598, Email: admin@ptvaim.com, Web: www.ptvaim.ac.in

ISO 9001:2015 Certified Institute & Accredited by NAAC

## Report on FDP on "10 days Research Methodology Course"

### Organized by Shankar Narayan College of Arts, Commerce, and Self Finance Courses

#### Introduction

The 10-day Faculty Development Program (FDP) on "Research Methodology" aimed to provide comprehensive training in research methodologies, enhancing the research capabilities of faculty members and researchers. The program targeted educators and researchers from various academic disciplines.

#### Day 1: Introduction to Research Methodology

##### Sessions

- **Inauguration and Keynote Address:** Emphasized the importance of research methodology in academic and professional growth.
- **Workshop Overview:** Detailed the structure, objectives, and expectations of the FDP.
- **Understanding Research Methodology:** Discussed the basic principles and significance of research methodology.

##### Activities

- Ice-breaking activities to build rapport among participants.
- Group discussions on the relevance of research methodology in academia.

##### Key Takeaways

- Recognized the necessity of robust research methodologies for quality research.
- Gained an initial understanding of core research principles.

#### Day 2: Research Design and Planning

##### Sessions

- **Formulating Research Questions:** Techniques for developing clear and focused research questions.
- **Research Design:** Exploring various research design strategies and their applications.

##### Activities



*B. Ch. Mahesh*  
Director  
PTVA's Institute of Management  
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- Case study analysis and group presentations on effective research designs.
- Practical exercises for formulating research questions.

## Key Takeaways

- Understood the importance of well-defined research questions.
- Learned practical approaches to designing research studies.

## Day 3: Literature Review and Data Collection

### Sessions

- **Conducting a Literature Review:** Methods for conducting comprehensive literature reviews.
- **Data Collection Techniques:** Discussed various qualitative and quantitative data collection methods.

### Activities

- Designed sample literature review frameworks.
- Group discussions and exercises on data collection techniques.

## Key Takeaways

- Gained skills in conducting thorough literature reviews.
- Learned various data collection methods suitable for different research contexts.

## Day 4: Quantitative Research Methods

### Sessions

- **Introduction to Quantitative Research:** Principles and applications of quantitative research methods.
- **Statistical Analysis:** Techniques for analyzing quantitative data using statistical tools.

### Activities

- Hands-on exercises with statistical software.
- Group discussions on interpreting quantitative data.

## Key Takeaways

- Understood the fundamentals of quantitative research methods.



  
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- Gained practical experience in statistical analysis.

## Day 5: Qualitative Research Methods

### Sessions

- **Introduction to Qualitative Research:** Principles and applications of qualitative research methods.
- **Data Analysis in Qualitative Research:** Techniques for analyzing qualitative data.

### Activities

- Practical exercises in coding and analyzing qualitative data.
- Group presentations on qualitative research case studies.

### Key Takeaways

- Understood the basics of qualitative research methods.
- Learned practical techniques for analyzing qualitative data.

## Day 6: Mixed Methods Research

### Sessions

- **Introduction to Mixed Methods Research:** Combining qualitative and quantitative approaches.
- **Designing Mixed Methods Studies:** Strategies for integrating mixed methods in research.

### Activities

- Designed sample mixed methods research proposals.
- Peer reviews and feedback on research proposals.

### Key Takeaways

- Gained an understanding of mixed methods research.
- Learned strategies for designing and conducting mixed methods studies.

## Day 7: Writing and Publishing Research

### Sessions

- **Academic Writing:** Techniques for effective academic writing.



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- **Publishing in Academic Journals:** Insights into the publication process and strategies for success.

## Activities

- Writing exercises and peer reviews.
- Discussions on selecting appropriate journals for publication.

## Key Takeaways

- Improved academic writing skills.
- Gained knowledge of the publication process in academic journals.

## Day 8: Ethical Considerations in Research

### Sessions

- **Research Ethics:** Importance of ethics in research and strategies for ethical compliance.
- **Plagiarism and Its Consequences:** Understanding plagiarism and how to avoid it.

### Activities

- Case studies on ethical dilemmas in research.
- Group discussions on maintaining research integrity.

### Key Takeaways

- Recognized the importance of ethics in research.
- Learned practical approaches to ensure ethical compliance.

## Day 9: Advanced Data Analysis Techniques

### Sessions

- **Advanced Statistical Methods:** Exploring advanced statistical techniques for data analysis.
- **Software for Data Analysis:** Training on advanced software tools for data analysis.

### Activities

- Hands-on training with advanced statistical software.
- Group exercises on applying advanced data analysis techniques.

### Key Takeaways



*B. Chmabhi*  
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- Gained proficiency in advanced statistical methods.
- Learned to use advanced software tools for data analysis.

## Day 10: Assessment and Reflection

### Sessions

- **Assessment of Research Methodology:** Tools and methods for evaluating research methodology.
- **Reflection and Feedback:** Participants shared their learning experiences and feedback on the FDP.

### Activities

- Designed assessment tools for evaluating research methodologies.
- Reflection sessions and feedback collection to improve future programs.

### Key Takeaways

- Learned effective assessment techniques for research methodologies.
- Gained insights and feedback for improving future FDPs.

### Conclusion

The 10-day FDP successfully introduced the concepts of research methodology, providing practical strategies for integrating these principles into academic research. Participants left with a deeper understanding of research methodologies and a commitment to enhancing the quality of their research projects.



  
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