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## Report on Faculty Development Programme (FDP) Basics of Research Methodology – Workshop 2

**Date:** 10th April 2026

**Time:** 11:45 PM onwards

**Venue:** MEU Hall

**Organized by:** Scientific Committee, SCMCH&RI

The Faculty Development Programme (FDP) on *Basics of Research Methodology – Workshop II* was successfully conducted on 10th April 2026 at the MEU Hall from 11:45 PM onwards. A total of 33 participants attended the session. The session was opened by **Dr Akshatha**, Assistant Professor and Department research representative from the Department of Surgery, welcoming the speakers of the day and the participants.

### Speakers

- Dr. Amulya N – Associate Professor, Department of Community Medicine
- Dr. Raghavendra Dorai – Assistant Professor, Department of Community Medicine

### Topics Covered

1. **Translating Ideas into Objectives: Writing for Effective Research Design**
2. **Smart Data Organization for Impactful Research**

**Dr. Amulya N delivered her interactive session on Translating Ideas into Objectives: Writing for Effective Research Design.**

#### 1. Understanding Research Objectives

The session emphasized the importance of clearly defined objectives in research. Objectives:

- Define the **scope** of the study
- Guide the **methodology**
- Enable **evaluation of outcomes**

#### Types of Objectives

- **General Objectives:** Broad overview of the study aim
- **Specific Objectives:** Focused and detailed steps to achieve the general objective

## 2. SMART Criteria for Objectives

The speakers highlighted the **SMART framework** for writing effective objectives:

- **S** – Specific
- **M** – Measurable
- **A** – Achievable
- **R** – Relevant
- **T** – Time-bound

This approach ensures clarity, feasibility, and proper evaluation of research goals.

## 3. Use of Action Verbs in Objectives

Appropriate action verbs were discussed based on study type:

- **Quantitative Studies:**  
Determine, measure, compare, examine, test, assess
- **Qualitative Studies:**  
Explore, understand, describe, interpret
- **Mixed Methods:**  
Examine, explore, explain, develop, validate

## 4. Developing a Research Problem

A structured approach was explained:

1. Broad Topic
2. Literature Review
3. Identification of Research Gap
4. Problem Statement
5. Formulation of Research Objectives

## 5. Writing Introduction (3-Sentence Formula)

The introduction should include:

- **Broad context** of the topic
- **Specific research gap**
- **Need/justification of the study**
  - Why now?
  - Why here?
  - Why this study?

## Dr. Raghavendra Dorai delivered his Smart Data Organization for Impactful Research.

### Data Collection & Tools

- Use of **Google Forms** for survey creation
- Methods of **data collection and entry**
- Introduction to tools such as:
  - Form Builder platforms
  - Data organization systems
- Emphasis on proper formatting and structured data collection

### Key Learnings

- Clear objectives are the foundation of good research
- SMART criteria improves quality and feasibility
- Proper verb usage enhances clarity of intent
- Identifying research gaps is crucial for meaningful studies
- Structured introduction writing strengthens proposals
- Efficient data collection and organization improve research outcomes

### Conclusion

The FDP provided a comprehensive overview of fundamental research methodology concepts, especially focusing on **objective formulation and data organization**. The sessions were interactive and practical, equipping participants with essential skills for designing effective research studies.

### Vote of Thanks

The session concluded with a Vote of Thanks delivered by **Dr. Rashmi**, Assistant Professor and Department research representative from the Department of Anesthesia, SCMCH&RI, expressing sincere gratitude to Dr. Amulya and Dr. Raghavendra for their insightful sessions, to the Principal and management for their support for research in the institute, and to all participants for their active engagement.

### Feedback and Conclusion

Feedback forms were collected at the end of the session (Responses Attached). Participants expressed appreciation for the practical orientation of the workshop, interactive engagement, and clarity of concepts discussed. All participants were given e-certificates at the end of the session.

The FDP successfully took the next step towards building a foundation in research methodology, and scientific data management.

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