



Research Methodology and Research Methods

Dr. Roma Mitra Debnath, Ph.D.
Associate Professor (Applied Statistics)

✉ roma.mitra@gmail.com
romadebnath.ipa@gov.in

📞 011-2346 8350 (O)
9310338939 (M)

What is Research?

Research is defined as the systematic and objective process of generating information for making decisions.

The primary purpose of research is to reduce the level of risk of a decision

Research Methodology and Research Methods
by Dr. Roma Mitra Debnath, IIPA.

2

Research topics and themes in Public Administration

Grouped in to two categories

- (i) Generic Research...conducted to advance knowledge or understanding of management processes
- (ii) Mission Specific Research...focuses on a specific purpose, program, agency or policy

Research Methodology and Research Methods
by Dr. Roma Mitra Debnath, IIPA.

3

What is a Good Research

Following the standards of the scientific method

- Purpose clearly defined
- Research process detailed
- Research design thoroughly planned
- Limitations are shown
- High ethical standards applied
- Adequate analysis for decision-maker's needs
- Findings presented justified
- Unambiguous Conclusions

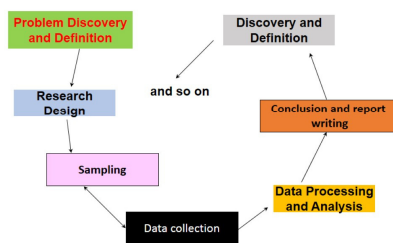
4

Research Methodology and Research Methods

- A methodology is the **rationale for the research approach**, and the lens through which the analysis occurs.
- Describes the **general research strategy** that outlines the way in which research is to be undertaken.
- A **Method** is simply the tool used to answer your research questions

5

Stages of the Research Process



6

CASE STUDY

Research Methodology and Research Methods
by Dr. Roma Mitra Debnath, IIPA.

1. Mani,S., (2020), Developing India’s Mobile Phone Manufacturing Industry, Economic, & Political Weekly, vol V, no 19, EPW pp. 50-57.
2. Brinkmann, S. (2020) The Invisible Barriers to India’s Educational Reforms, Economic, & Political Weekly, vol IV, no 4, EPW pp. 50-57.
3. De., I. (2020), Sanitation and User Charges in Indian Slums Who Pays and How Does It Matter? Economic, & Political Weekly ,vol IV no 5 , pp. 38-45.

7

Exercise

Research Methodology and Research Methods
by Dr. Roma Mitra Debnath, IIPA.

- In the three case studies,
- Identify the problem definition, purpose, research process, and Research Methods that have been used.

8

Exercise to identify a Research Topic

Research Methodology and Research Methods
by Dr. Roma Mitra Debnath, IIPA.

- Select ten recent issues of two or more journals of Public Administration
- Make an inventory of the most popular research topics/issues (tip: you need not read the entire articles – usually, reading an abstract will suffice).
- Can you find similar-sounding topics?
- Identify a topic which interests you.
- Initiate the research.
- Also go through the APPPA Dissertations.

9

Research Methodology and Research Methods
by Dr. Roma Mitra Debnath, IIPA.

Suggestive broad areas

- Education policy
- Health policy
- International development
- Management
- Public finance and financial management
- Public policy
- Urban policy

• Once selected a broad area, a specific issues can be identified.

10

Research Methodology and Research Methods
by Dr. Roma Mitra Debnath, IIPA.

References

David E. McNaab, (2012) Research Methods in Public Administration and Non Profit Management Quantitative and Qualitative Approaches Second Edition , PHI.

The participants are expected to go through the reference book for a detailed understanding of the concepts mentioned in today's session.

11
