



RESEARCH CONSULTANCY PROGRAMME

Curriculum for Research Consultancy Programme in Education and Professional Support for Journal Publication



SAHAPAATI FOUNDATION

<https://sahapaati.in/>

Education Reengineered-Empowering Every Mind with AI, Anywhere, Anytime

Empower your future with expert learning and professional guidance integrated with research

PROGRAMME DURATION

Option A: Certificate Programme

Duration: 12 Weeks
Sessions: 24 Sessions
Frequency: 2 Sessions per Week
Session Duration: 90 Minutes
Total Contact Hours: 36 Hours

Option B: Intensive Research Mentoring Programme

Duration: 6 Months
Sessions: 48 Sessions
Research Clinics: 12
Publication Support: Continuous

PROGRAMME PEDAGOGY

The programme follows a **Question-Based Interactive Research Learning (QBIRL) Model**.
Each session begins with:

1. Trigger Questions
2. Discussion and Reflection
3. Concept Building
4. Application Activity
5. Quiz and Feedback
6. Research Task Assignment

The facilitator acts as a **Research Mentor** rather than a lecturer.

EXPECTED OUTCOMES

At the end of the programme, participants will be able to:

1. Identify educational research problems independently.
2. Conduct literature reviews systematically.
3. Design and execute quality research studies.
4. Analyse quantitative and qualitative data.
5. Write dissertations and theses professionally.
6. Prepare publication-ready research articles.
7. Submit manuscripts to quality journals.
8. Respond effectively to reviewer comments.
9. Develop funded research proposals.
10. Present and defend research confidently.

MODULE 1: Understanding Educational Research

Duration : 2 Weeks (4 Sessions)

Unit Contents

Unit 1: Why Research?

- ❖ What is research?
- ❖ Why do educational problems require research?
- ❖ Types of educational research

Unit 2: Research Process

- ❖ Steps in conducting research
- ❖ Characteristics of quality research
- ❖ Ethics in research

Evaluation: Quiz Programme and Assignment

- 20 MCQs
- Case-based Questions
- Reflection Quiz

MODULE 2: Identifying Research Problems

Duration : 2 Weeks (4 Sessions)

Unit Contents

Unit 1

- ❖ Sources of research problems
- ❖ Problem identification techniques

Unit 2

- ❖ Delimitation and justification
- ❖ Research gap analysis

Evaluation: Quiz Programme and Assignment

- Research Gap Identification Quiz
- Problem Statement Writing Quiz
- Prepare three research problem statements.

MODULE 3: Literature Review and Research Gap Analysis

Duration : 2 Weeks (4 Sessions)

Unit Contents

Unit 1

- ❖ Searching databases
- ❖ Google Scholar
- ❖ ERIC
- ❖ Shodhganga

Unit 2

- ❖ Review Matrix
- ❖ Gap Identification
- ❖ Citation Management

Evaluation: Quiz Programme and Assignment

- Literature Search Challenge
- Citation Quiz
- Develop a review matrix of 20 studies.

MODULE 4: Research Objectives, Questions and Hypotheses

Duration : 01 Week (2 Sessions)

Unit Contents

- ❖ Writing objectives
- ❖ Framing research questions
- ❖ Formulating hypotheses
- ❖ Variables in research

Evaluation: Quiz Programme and Assignment

- Objective-Hypothesis Matching Quiz
- Prepare objectives and hypotheses for your study.

MODULE 5: Research Design and Methodology

Duration : 2 Weeks (4 Sessions)

Unit Contents

Unit 1-Quantitative Research

- ❖ Experimental
- ❖ Survey
- ❖ Correlational

Unit 2-Qualitative Research

- ❖ Case Study
- ❖ Phenomenology
- ❖ Ethnography

Unit 3-Mixed Methods

Evaluation: Quiz Programme and Assignment

- Research Design Selection Quiz
- Methodology Challenge
- Prepare methodology chapter.

MODULE 6: Tool Construction and Validation

Duration : 2 Weeks (4 Sessions)

Unit Contents

- ❖ Questionnaire Construction
- ❖ Rating Scales
- ❖ Interview Schedule
- ❖ Reliability and Validity

Evaluation: Quiz Programme and Assignment

- Reliability Quiz
- Tool Development Quiz
- Develop one research instrument.

MODULE 7: Sampling and Data Collection

Duration : 01 Week (2 Sessions)

Unit Contents

- ❖ Population
- ❖ Sample
- ❖ Sampling Techniques
- ❖ Data Collection Procedures

Evaluation: Quiz Programme and Assignment

- Sampling Technique Quiz
- Prepare sampling plan.

MODULE 8: Data Analysis Using SPSS and AI Tools

Duration : 2 Weeks (4 Sessions)

Unit Contents

Unit 1-Descriptive Statistics

- ❖ Mean
- ❖ Median
- ❖ SD

Unit 2-Inferential Statistics

- ❖ t-test
- ❖ ANOVA
- ❖ Correlation

Unit 3-AI Applications

- ❖ ChatGPT
- ❖ Gemini
- ❖ Claude
- ❖ Research Rabbit

Evaluation: Quiz Programme and Assignment

- Statistical Decision Quiz
- Analyse sample dataset.

MODULE 9: Thesis and Dissertation Writing

Duration : 01 Week (2 Sessions)

Unit Contents

- ❖ Chapter Organisation
- ❖ Academic Writing
- ❖ Referencing Styles
- ❖ Plagiarism Prevention

Evaluation: Quiz Programme and Assignment

- APA Referencing Quiz
- Plagiarism Quiz
- Draft one dissertation chapter.

MODULE 10: Publishing Articles in Journals

Duration : 3 Weeks (6 Sessions)

Unit Contents

Unit 1: Converting Thesis into Journal Articles

- ❖ Article Structure
- ❖ IMRAD Format

Unit 2: Journal Selection

- ❖ Scopus
- ❖ Web of Science
- ❖ UGC CARE
- ❖ Peer-Reviewed Journals

Unit 3: Publication Ethics

- ❖ Predatory Journals
- ❖ Authorship Ethics

Unit 4: Submission Process

- ❖ Cover Letter
- ❖ Online Submission

Unit 5: Reviewer Comments

- ❖ Responding to Reviewers
- ❖ Revision Techniques

Unit 6: AI in Academic Publishing

- ❖ Ethical Use of AI
- ❖ AI-assisted Writing

Evaluation: Quiz Programme and Assignment

- Journal Selection Quiz
- Publication Ethics Quiz
- Reviewer Response Quiz
- Prepare a publication-ready manuscript.

MODULE 11: Research Proposal Development

Duration : 01 Week (2 Sessions)

Unit Contents

- ❖ Synopsis Writing
- ❖ ICSSR Proposal Preparation
- ❖ Funding Agency Guidelines
- ❖ Budget Preparation

Evaluation: Quiz Programme and Assignment

- Proposal Evaluation Quiz
- Prepare a complete proposal.

MODULE 12: Viva Voce and Research Presentation Skills

Duration : 01 Week (2 Sessions)

Unit Contents

- ❖ Presentation Skills
- ❖ PowerPoint Design
- ❖ Defense Preparation
- ❖ Interview Skills

Evaluation: Quiz Programme and Assignment

- Mock Viva Quiz
 - Research Defense Challenge
 - Research Presentation and Mock Viva.
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CONTINUOUS SUPPORT COMPONENTS

Research Clinics

- ✓ Weekly One-to-One Mentoring
- ✓ Problem-Solving Sessions
- ✓ Proposal Review Clinics
- ✓ Statistical Analysis Clinics

Publication Support

- ✓ Manuscript Editing
- ✓ APA Formatting
- ✓ Similarity Checking Guidance
- ✓ Journal Selection Assistance
- ✓ Reviewer Comment Support
- ✓ Final Submission Assistance

Certification Requirements

- ✓ Minimum 75% Attendance
- ✓ Completion of Module Assignments
- ✓ Submission of Research Proposal
- ✓ Publication-ready Article
- ✓ Final Research Presentation