



NETAJI SUBHAS OPEN UNIVERSITY

(Accredited by NAAC with Grade 'A')

SCHOOL OF EDUCATION

CF-162, Sec-I, Salt Lake, Kolkata-64

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Syllabus Structure for Ph.D. Course Work in Education

(w.e.f 2021-2022 academic session)

Paper	Course	Credit	% of Marks
Course 1	Group A – Research Methodology in education & Review of Literature	4	70
	Group B – Research and Publication Ethics	2	30
Course 2	Discipline Specific Course	6	100
TOTAL		12	200

Course Details

COURSE 1, GROUP- A: RESEARCH METHODOLOGY IN EDUCATION & REVIEW OF LITERATURE

Research Methodology in Education

Objectives:

After going through this course, the students will be able to:

- identify with advance research methods in the field of education and special education
- determine the ethical issues in research
- recognize with the sources of knowledge and its implementation in research
- develop a knowledge regarding various research approaches in education & Special Education
- interpret the identification and conceptualization of research problem
- gain knowledge of the systematic procedures to collect data and analysis
- choose the appropriate format for writing research report

Unit - I: Sources of knowledge (experience, authority, deductive reasoning, inductive reasoning, scientific approach)

Unit - II: Aims and objectives of Research and Scientific Activities; Ethical issues in research (Ethical committees, intellectual property rights, (IPR), Economic rights, copy rights, patent etc.)

Unit – III: Research Approaches/ Paradigms in Education (Quantitative method of research, Qualitative method of research and Mixed method of research)

Unit – IV: Conceptualization of Research Study: Formulation of Research Question, Objectives, Hypotheses

Unit – V: Tools for Data Collection (Scales of Measurement, Construction, Standardization, And Application); Analyses: Qualitative, Quantitative (Hypothesis testing), Mixed (Triangulation); Presentation of tables and figures in the research report; Editing (Content, Language, And Format) Reaching to Conclusion

REVIEWING THE LITERATURE

Objectives:

After going through this course, you will be able to:

- gain knowledge of review literature in educational research
- use appropriate format and style for writing research report
- apply knowledge of the development of research design
- gain skill for seminar presentation

Unit- I: Reviewing the literature: The role of related literature in quantitative, qualitative and mixed method of research.

Unit- II: Format of Research Report, General Principles for writing a research report, types of research reports.

Unit- III: References, Citation, Bibliography, APA Style (American Psychological Association)

Unit – IV: Construction of Research Design

Unit- V: Seminar Presentation of the Draft Research Proposal

COURSE- 1, GROUP-B: RESEARCH AND PUBLICATION ETHICS

Objectives:

After going through this course, the students will be able to:

- identify the origin and characteristics of philosophy
- determine integrity and ethics with respect to science and research
- gain knowledge of publication ethics, initiatives and guidelines
- develop a knowledge regarding OER, open license and open access publishing
- gain knowledge of publication misconduct, authorship, conflict of interest and various software tools
- develop a knowledge regarding indexing databases and metrics
- develop an idea about legal provisions

Unit –I: Philosophy and Ethics

Unit –II: Scientific Conduct

Unit –III: Publication Ethics

Unit –IV: Open Access Publishing

Unit –V: Publication Misconduct

Unit –VI: Database and Research Metrics

Unit –VII: UGC Regulations 2018 on Academic Integrity

COURSE-2: DISCIPLINE SPECIFIC STUDY (ANY THREE)

- 1) Educational Psychology and contemporary research in education.
- 2) Educational Sociology and contemporary research in education.
- 3) Historical foundations of Education
- 4) Recent important studies on policy issues in education.
- 5) Teacher Education
- 6) Recent important studies on educational technology and research in education.
- 7) Recent important studies in inclusive education.
- 8) ODL & ICT in education, 'Computer and ICT application in Educational Research' & new dimensions of educational research
- 9) Disability studies and Rehabilitation
- 10) Any other content, subject to prior approval of the competent authority