

**SYLLABUS**  
**Department of Education**  
**Kumar Bhaskar Varma Sanskrit and Ancient Studies University**  
**Ph.D Programme**  
**Course Code: PHDEDN**

**COURSE WORK (6 Months)**

<b>Course Code</b>	<b>Course Name</b>	<b>Credit</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Full Marks</b>
PHDEDN101	Research Methodology	06	30	70	100
PHDEDN102	Perspective of Education in India and Educational Statistics	06	30	70	100

\* Internal Assessment is done through Seminar presentation, Group Discussion, Home Assignment or any other method fixed by the Department

**SEMESTER I**

**Course Code: PHDEDN101**

**Course Name: Research Methodology**

**Total Credit: 6**

**Learning Objectives**

- To develop the basic understanding of research methods in Social Science and Humanities.
- To familiarize the scholars with different sources of review of related literature.
- To understand the research process and its various design.
- To develop essential skills to write research proposal and research report.

**Contents**

**UNIT I Fundamentals of Research in Social Science and Humanities**

**Credit 1**

Meaning, Nature and Types of Research; Approaches to Research—Qualitative and Quantitative Ethnographical and Phenomenological Research; Preparation of Research Synopsis

**UNIT II Review of Related Literature**

**Credit 1**

Need and Importance of Review of Related Literature; Sources of Review of Related Literature; Hypothesis and Its types—Directional & Non-directional; Affirmative and null Hypothesis

### **UNIT III Research Design**

**Credit 1**

Population and Sample; Types of Sampling—Probability sampling and its types; Non-probability Sampling and its Various types; Error in Sampling; Variables; Tools and Its different types; Construction and Standardization of a Research Tool

### **UNIT IV Methods of Research in Social Science and Humanities**

**Credit 1**

Analytical Method; Content Analysis; Case Study method; Descriptive Survey method; Historical method; Causal comparative method; Correlation method; Ground theory; Participatory method

### **UNIT V Writing of a Research Report**

**Credit 1**

Introduction; Literature Review; Research Methodology; Discussion; References & Bibliography; Appendix

### **UNIT VI Research and Publication Ethics**

**Credit 1**

Basics of Research Ethics; Publication Ethics; Standards setting initiatives and guidelines: COPE, WAME, etc.; Conflict of Interest; Publication misconduct; Predatory Publishers and Journals

### **References**

- John W. Best and James V. Kahn, Arbind K. Jha (2018). Research in Education. Pearson India Education Services Pvt. Ltd.
- Lokesh Koul (2015), Methodology of Educational Research. Vikash Publishing House Pvt. Ltd, New Delhi.
- M.S. Mane (2015) Basics of Educational Research. Chandralok Prakshan, Kanpur.
- Yogendra K Sharma (2011) Elements of Educational Research. Kaniska Publishers, New Delhi
- P. Ramadass & A Wilson Aruni (2009) Research and Writing across the disciplines. MJP Publishers, Chennai

### **Course Outcome**

After going through the contents, students will be able to—

- Know the meaning, nature and types of research as well as various approaches
- Understand the needs and importance of Review of Related Literature and various sources of it. (iii) Formulate the various research designs with its different components
- Apply suitable methods of research as per the nature of topic.

- Develop the skill of preparation research synopsis and report writing.

**Course Code: PHDEDN102**

**Course Name: Perspectives of Education in India and Educational Statistics**

**Total Credit: 6**

**(Full Marks 100: Theory -70, Internal-30)**

### **Learning Objectives**

- To develop an in-depth understanding about the education system in India in contemporary context.
- To explain the relevance of ancient Indian education in modern society.
- To comprehend about different branches of Indian Philosophy.
- To understand the educational development in India in the global context.
- To generate the skills of statistical analysis in educational research.

### **Course Content**

#### **PART A**

#### **Unit I: Education and Philosophy in Ancient India Credit 1**

Vedic Education System; Jain Education; Buddhist Education; Branches of Indian Philosophy—Orthodox and Heterodox

#### **UNIT II: Indian Education System in the contemporary Context Credit 1**

Constitutional and Legal Provisions in Education; National System of Education; National Policies on Education; National Curriculum Framework; National Schemes at all levels of Education—At school level and Higher Education

#### **Unit III: Educational Development of India in Global Context Credit 2**

Millennium Development Goals and Sustainable Development Goals; Internationalization of Education in India; Comparing the Education of India with China and Japan

#### **PART B**

#### **UNIT IV Statistics in Educational Research Credit 2**

Parametric and Non-parametric test; Sign test, Median test, Chi-square test, t-Test, ANNOVA

### **References**

- Altekar, A. S,(1944) “ Education in Ancient India”. Published by Nandakishore & Kishore, Benarose.
- Garret H.E (2014),“Statistics in Education and Psycholog”. Paragon International Publishers, New delhi’
- Ghosh, Aurobindo (1924) “A system of National Education” .Arya Publishing House, Calcutta

MHRD (2014), New RMSA guideline, Govt. of India. [http://mhrd.govt.in/sites/upload\\_files/mhrd/file/Framework\\_Final\\_RMSA\\_3.pdf](http://mhrd.govt.in/sites/upload_files/mhrd/file/Framework_Final_RMSA_3.pdf).

Radhakrishnan, S. Indian Philosophy

Chatterjee, S & Datta, D. "An Introduction to Indian Philosophy" Rupa & Co. publishers.

Singh, Y. K. (2005) "History of Indian Education System. Prentice Hall of India", New Delhi

J. C. Aggarwala (1993) "Landmarks in the History of Modern Indian Education". Vikash Publishing House, New Delhi

UNESCO (2013) Teaching & Learning; achieving quality for All in EFA Global Monitoring Report, 2013, 2014 & 2016. UNSECO, Paris

### **Course Outcome**

After going through the contents students will be able to—

- Understand the education and philosophy in ancient India and its relevance in modern age.
- Analyse and evaluate the constitutional and legal provision in education along with the different policies of India.
- Compare the educational scenario of India with other developed countries.
- Apply the statistical methods for analysis and interpretation of data collected for research.

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