

**COURSES OF STUDY
FOR
MASTER OF PHILOSOPHY IN EDUCATION
(Semester System)**

Session 2018 – 19 onwards



**GANGADHAR MEHER UNIVERSITY
SAMBALPUR, ODISHA-768004**

Course pattern for M. Phil in Education

Semester	Paper code	Nomenclature	Maximum marks	Credit hours
Semester -I	611	Recent Trends in Education	100(80+20)	04
	612	Research Methodology- I	100(80+20)	04
	613	Research Methodology-II	100(80+20)	04
	614	Teaching Assignment	100	04
	Total in semester I		400	16
Semester II	621	Dissertation	200 (Written-150 Presentation -25 Viva voce -25)	08
Complete course			600	24

SEMESTER-I

EDN-611

RECENT TREND IN EDUCATION

End Term- 80

Mid Term- 20

Objectives

On completion of this course, the student shall

- Establish relationship of education with different subjects.
- Understand different modern approaches to education.
- Understand recent new trends of pedagogy.
- Understand the new trends in teacher and teacher's education.
- Justify the importance of teacher education and analyze various problems and issues for ensuring quality in teacher education, and
- Analyze emerging concerns in Indian education.

Unit-I Interdisciplinary approaches to education (Lectures- 10-12, Credits-1)

1.1 Relationship of education with Philosophy, Psychology, Physical Science, Social Science, Mathematics Science and Management.

1.2 Modern approaches to education:- Phenomenology, Logical Positivism, Deconstructionism, Postmodernism and their educational implications.

Unit-II Pedagogical Trends (Lectures- 8-10, Credits-1)

2.1 Behaviouristic Pedagogy: - Herbertian method, Gagne's teaching strategy, Bloom's Mastery learning strategy.

2.2 Constructivist Pedagogy: - ICON model, 5E model, Bruner's Inquiry model.

Unit-III New trends in the role of teacher and teacher education (Lectures- 10-12, Credits-1)

3.1 Role of teacher at different levels of education:- Elementary, Secondary & Higher.

3.2 Quality and Quality concern of teacher education in the changing scenario:- Elementary, Secondary & Higher.

3.3 Critical analysis of Justice Verma Committee Report-2012

3.4 Critique of norms, standards and regulation for teacher education

Unit-IV Contemporary issues in higher education (Lectures- 8-10, Credits-1)

4.1 Implementation of Rastriya Uchhatara Sikshya Abhiyan(RUSA)

4.2 Choice Based Credit System (CBCS)

4.3 Globalization, Liberalization and Privatization of education

4.4 Internationalization of higher education

4.5 Autonomy and Accountability in higher education

4.6 Quality assurance in higher education:- Role of NAAC

References:

Aggrawal, J.C. (2013). Theory and principle of education. New Delhi: Vikash Publishing House Pvt. Ltd.

Anand, C.L. *et.al.* (1983). Teacher and education in emerging in Indian society, New Delhi: NCERT.

Ayer, A.J.(1980). Language, truth and logic. New Zealand: Penguin Books(N.Z)ltd.

Ayer, A.J.(1966). Logical positivism. New York: The Free Press.

Balram, R. Inservice education and training of teachers. Paris: OECD.

Block,J.H.(1971).Mastery learning:Theory and practice.New York:Holt Rinahart and Winston.

Bloom,B.S.(1976).Human characteristics and school learning.New York: McGraw Hill.

Bruner,J.(1977).The process of education. Harvard :Harvard University Press.

Brubacher, J.S.(1969). Modern philosophies of education. New York: McGraw Hill Co.

Bruner, J.S.(1966).Toward a theory of instruction. Cambridge: Belknap Press of Harvard University.

Bruner, J.S.(1973). Beyond the information given: studies in the psychology of knowing. New York: W W Norton and Company Incorporated.

Clarke, P. (2001). Teaching and learning: the culture of pedagogy. New Delhi: Sage Publication.

Dash, M.& Dash, N.(2006).Fundamentals of educational psychology. New Delhi: Atlantic.

Derrida, J.(1976).Of grammatology. France: Les Editions de Minuit

Gagne, R.M.(1985).The conditions of learning and theory of instruction.USA: Harcourt Brace college.

- Govt. of India (1986/'92). National policy on education. New Delhi: MHRD.
- MHRD (2012). Vision of teacher education in India :Quality and regulatory perspective. New Delhi..Government of India.
- Kneller,G.F.(1971). Introduction to philosophy of education. New York: John Milley and Sons.
- Krishnamurthy, J. (1953). Education and significance of life. New Delhi: B.I. Publications.
- Ministry of Education . (1966). Education and national development. New Delhi: Ministry of Education, Government of India.
- Ministry of Human Resource Development. (2004). Learning without Burden:
- Noever,P&Haslinger,R.(1991).Architecture in transition:between deconstruction and new modernism.New York :Prestel.
- NCERT. (2005). National curriculum framework 2005. New Delhi: National Council of Educational Research and Training.
- Pass,S.(2004). Parrel paths to constructivism: Jean Piaget and Lev Vygotsky. Nprth Corolina: Information Age Pub.
- Piaget, J.(1969).The psychology of child. New York: Basic Books.
- Piaget, J.(1974).The language and thought. New York: Penguin Group USA.
- Piaget, J.(1999).The psychology of intelligence. New York: Taylor and Francis.
- Report of the National Advisory Committee. New Delhi: Min. of HRD.
- Vygotsky, L.S.(1978).Mind in society. Cambridge: Harvard University Press.
- Vygotsky, L.S.(1986). Thought and language. Columbia: MIT Press.
- Wiglew, M.(1993).The architecture of deconstruction. Columbia: MIT Press.

EDN-612

RESEARCH METHODOLOGY- I

End Term- 80

Mid Term- 20

Objectives

On completion of this course, the student shall

- Describe nature, scope and limitation of educational research.

- Understand different types and methods of educational research.
- Develop ethics on educational research
- Explain sources from where knowledge could be obtained.
- Develop skills on technical writing.
- Develop application of technical skills in educational research.
- Describe the process of research in education.
- Analyze research design in education, and
- Prepare the research report.

Unit-I Scope of Research and Ethics (Lectures- 8-10, Credits-1)

Introduction and scope:- Meaning, Nature , Scope and Process of Educational Research

Research Problem: Identification, selection, formulation of research objectives

Research Design: Components, Types and Importance

Research Ethics: Institutional Ethics Committee

Plagiarism- Pitfall

Unit-II Technical Writing (Lectures- 8-10, Credits-1)

2.1 Research Project or Proposal:- Format, Style, General Rules for writing and Typing

2.2 Journal writing:- Format, Style, General Rules for writing and Typing

2.3 Writing papers for conference:- Format, Style, General Rules for writing and Typing

2.4 Thesis/Dissertation:- Format, Style, General Rules for writing and Typing

Unit-III Scientometrics (Lectures- 10-12, Credits-1)

3.1 How to cite and how to do referencing

3.2 Literature search technique using SCOPUS, Google scholar, PUBMET, Web Science, Indian Citation Index and RG

3.3 Styles of Referencing: APA, MLA, Annotated Bibliography

3.4 Tools for citing and referencing, Grammerly, Endnote etc.

Unit-IV Presentation and Communication Skills (Lectures- 10-12, Credits-1)

4.1 Tables, Figures and Pictures using Excel

4.2 Power point slide presentation

4.3 Preparation of posters

4.4 Electronic submission of manuscripts

4.5 Communication skill, oral and posters

References:

American Psychological Association.(1983). Publication manual. Washington,DC:Author.

Ary, D. & Jacobs, L. (2002). Introduction to research in education. Belmont-USA: Wadsworth Thomason Learning.

Best, J.W.(1986). Research in education. New Delhi: Prentice Hall of India.

Borg, W.R. & Gall, M.D. (1989). Educational research: an introduction. New York: Longman.

Buranen, L. & Roy, A.M.(1999).Perspective on plagiarism and intellectual property in a postmodern world. New York: Sung Press.

Campbell, W.G. & Ballou, S.V. (1974). Form and style: theses, reports, term papers. Boston :Houghton Mifflin.

Creswell, J.W. (2014).Educational research. Delhi: PHI learning private limited.

Creswell, J.W. (2007). Qualitative inquiry and research design: choosing among five approaches. London: Sage Publications.

Edwards, A.L.(1984).Experimental design in psychological research. New York: HarperCollins College Div. Publication.

Gay, L.R. & Airsian, P. (2000) Educational research: competencies for analysis and application, New York: Macmillan.

Gibaldi,J.(2008).MLA style manual. United States: Modern Language.

Gilmore, B.(2008).Plagiarism: why it happens, how to prevent it. London: Heinemann.

Kerlinger, F.N. Foundation of behavioural research. Delhi: Surjeet Publication.

Koul, L.(1988). Methodology of educational research, New Delhi: Vikash Publishing House.

McMillan, J.H. & Schumacher, S. (1989). Research in education- A conceptual introduction. New York: Harper Collins.

Turubian, K.L.(1987). A manual for writers of term papers, theses and dissertations. Chicago: University of Chicago Press.

www.scopus .com

<https://scholar.google.co.in>

www.indiancitationindex.com

<https://guides.library.cornell.edu/annotatedbibliography>

EDN-613

RESEARCH METHODOLOGY- II

End Term-80

Mid Term -20

Objectives

On completion of this course the students shall

- Develop concept on cyber law and intellectual property right.
- Aware about different cyber and IPR related issues.
- Illustrate procedure of collecting and analyzing data.
- Understand the basic concept of computer.
- Develop skill on data analysis using computer.
- Understand different types and methods of educational research.
- Describe the different tools and techniques of educational research.
- Apply the statistical techniques on educational research.

Unit-I IPR and Cyber Law (Lectures- 8-10, Credits-1)

1.1 Patents

1.2 Patents laws, process of patenting a research finding.

1.3 Intellectual property(IP), intellectual property right(IPR)

1.4 Copyright, Trademarks, GI

1.5 Cyber laws

1.6 COPE

Unit-II Quantitative Data Analysis (Lectures- 10-12, Credits-1)

2.1 Types of data, Data collection –Methods and Tools

2.2 Hypothesis testing

2.3 Normal and Binomial distributions and their property.

2.4 Tests of significance:- Student *t*-test, *F*-test, *Chi-square test*

2.5 Correlation and Regression

Unit-III Computer Fundamentals (Lectures- 10-12, Credits-1)

3.1 Introduction to MS Office software: MS Word (Track change)

3.2 MS-Excel

3.3 MS-Power point

3.4 MS-Access

3.5 Features for statistical data analysis using computers and software, Microsoft Excel Data Analysis Toolpak, SPSS

Unit-IV Qualitative Research Design Tools and Techniques (Lectures- 8-10, Credits-1)

4.1 Qualitative research paradigm, design, tools and techniques

4.2 Grounded Theory:- design, tools, techniques

4.3 Mixed method:- design, tools & technique

4.4 Ethnographic:- design, tools & techniques

References:

Aggarwal, Y.P.(2012).Statistical methods. Delhi: Sterling Publishers Pvt Ltd.

Best, J.W.(1986). Research in education. New Delhi: Prentice Hall of India.

Creswell, J.W.(2014).Educational research. Delhi: PHI learning private limited.

Ferguson,G.A.(1989). Stastical analysis in psychology and education.New York:McGraw Hill.

Garret, H.E.(2005).Statistics in psychology and education. Bombay: Vakil & Sons Publication.

Gralla, P.(2002). How the internet works. Indianapolis(US): Que Publishing.

Guliford,J.P. & Frutcher, B. (1978). Statistics in psychology and education. New York: McGraw Hill.

Kumar, A.P.(2010). Cyber law. Luxembourg City: Create Space Independent Publishing Platform.

Shelly, G.B., Vermaat, M.E. & Cashman, T.J.(2007). Microsoft office 2007: introductory concepts and techniques. Delhi: Cengage Learning India Pvt. Ltd.

Sood, V.(2001).Cyber Law Simplified. New Delhi: Tata McGraw Hill.

Snedecor, G.W. & Cochran, W.G.(1989).Statistical method. Iowa city. Iowa State University Press.

White, R.(1988).How computer work. University of Virginia(US): Que Publishing.

<http://ipindia.nic.in/ipr/patent/patents.htm>

http://ipindia.nic.in/tmr_new/default.htm

<http://copyright.gov.in>

<http://ipindia.nic.in/girindia>

<http://www.dcmsme.gov.in/schemes/Guidelines-UK.pd>

www.wipo.int

EDN-614
TEACHING ASSIGNMENT

End Term-80

Mid Term-20

Each M. Phil student is required to deliver 20 lessons at undergraduate and post graduate levels under the supervision of faculty members. Students are required to prepare lesson plans before delivering the lessons in consultations with their supervisors. Every candidate has to submit his/her lesson plan to the department before 15 days of the commencement of practical examination.

Teaching assignment shall be jointly evaluated by both external and internal examiners.

The marks for valuation are distributed as below;-

1. Lesson plan records (20 lessons)-50
2. Final lesson plan -25
3. Final teaching 2

SEMESTER-II
EDN-621
DISSERTATION
(200 marks, Credit Hour-08)

Each M.Phil (Education) student of semester-II is required compulsory to select a problem on any area of education, carryout intensive research work and prepare a dissertation under the guidance of a teacher of the department. She/he is required to submit the completed dissertation to the Department 15 days before the Practical Examination.

The research work shall be jointly evaluated by both external and internal examiners.

The marks for valuation are distributed as below:-

Written-	150
Presentation-	25
Viva Voce-	25