

**GURU GHASIDAS VISHWAVIDYALAYA,
BILASPUR (C.G.)**

(A Central University)

**Syllabus
of
M.Phil. Education**

DEPARTMENT OF EDUCATION

M.Phil. (Education)

Semester- I

Paper-I (Research Methodology and Basic Statistics)

Objectives

1. To develop awareness about the purposes and the thrust areas of educational research.
2. To train the students to formulate and test the hypothesis.
3. To train the students to scientifically draw sample for research studies.
4. To develop understanding about the various perspectives of research in education.
5. To develop various skills required for the application of basic statistical techniques.
6. To sharpen the abilities of analyzing information, documentation and articulation of ideas.

Course Contents

Unit I - Introduction to Research in Education-I

- a) Meaning and objectives of Educational Research.
- b) Thrust areas of Educational Research
- c) Brief overview of research process

Unit II - Introduction to Research in Education-II

- a) Hypothesis testing, one-tailed and two-tailed tests, Type-I and Type-II errors
- b) Sampling: Population and sample, Sampling unit, Sampling frame, Sampling errors and bias, Sample size, Probability and Non-probability sampling techniques
- c) Different types of variables, scales of measurement

Unit III - Approaches in Educational Research

- a) Qualitative and Quantitative research
- b) Fundamental and Applied research
- c) Descriptive research, Historical research, Experimental research
- d) Ex-post facto research, Causal-comparative research, Case study.

Unit IV -Statistics and Analysis of data

- a) Measures of relative positions – Sigma scores, Z scores, T scores.
- b) Normal probability curve and its uses.

- c) Difference between Parametric Test & Non-Parametric Test, Conditions for using Parametric and Non-Parametric test
- d) t-test – its meaning, purpose, assumptions and uses

Unit V – Application of Statistics & Uses of Computer in Educational Research

- a) One way analysis of variance – F-test (conceptual inputs without computation)
- b) Chi-square as a test of independence, Contingency coefficient (C), Mann-Whitney Test for two independent samples
- c) Computer application in different stages of research: Problem Selection, Literature Review, Statistical analysis through computer software, Research report preparation, Role of Internet in educational research.

M.Phil. (Education)
Semester- I
Paper - II (Teacher Education)

Objectives

To enable the students to understand about the

1. Concept need and scope of teacher education.
2. Various techniques of higher learning.
3. Purposes of in-service education of school teachers.
4. Various trends in teacher education program.
5. Technique of evaluation of the effectiveness of teacher education program.

Course Contents

Unit I - Introduction of Teacher Education

- a) Meaning of Teacher Education and Teacher Training.
- b) Need of Teacher Education and its scopes.
- c) Aims and Objectives of Teacher Education at:
 - Elementary level
 - Secondary level
 - College level -
- d) Structures, Models and Courses of Teacher Education at different levels
- e) Current problems in teacher education

Unit II - Techniques for Higher Learning

- a) Conference Technique
- b) Seminar Technique
- c) Symposium Technique
- d) Workshop Technique
- e) Panel Discussion

Unit III- In-service Education of Teacher

- a) Need and purpose of in-service education.
- b) Teacher education through distance mode.
- c) Existing structures and Models.
- d) Current Problems
- e) Critical evaluation of existing in-service teacher education.

Unit IV - Innovative Practices in Teacher Education

- a) Meaning of feedback, device and purpose.
- b) Micro-teaching
- c) Simulated social skill training,
- d) Team teaching
- e) Interaction analysis technique

Unit V - Evaluation of Effectiveness of Teacher Education Programmes

- a) Measurement and Evaluation.
- b) Types of Evaluation
- c) Purposes of Programme Evaluation.
- d) Objectives & Criteria of Evaluation of Teacher Education Programme.
- e) Techniques of Evaluation of Teacher Education Programme

M.Phil. (Education)

Semester- I

Paper - III (Educational Policy, Planning, Supervision and Management)

Objectives

1. To enable the student teachers to understand basic concepts of educational administration and management.
2. To enable the student teachers to acquire necessary knowledge and expertise of the Principles and procedures of education administration and management.
3. To develop an understanding and appreciation of the role of different agencies of educational administration.
4. To enable the student teachers to understand how different branches of education are managed and administered.
5. To enable the student teachers to understand and appreciate various aspects of educational planning and finance.

Course Contents

Unit I - Policy and Commissions on Education

- a) National Policy in Education
- b) Recommendations of various commissions in the context of
 - Universalization of elementary education
 - Secondary education
 - University education

Unit II - Educational Planning

- a) Meaning and nature of educational planning
- b) Need of educational planning in India
- c) Characteristics of educational Planning
- d) Approaches of educational planning
- e) Kinds of educational planning, process and techniques of educational planning
- f) Administrative machinery for educational planning

Unit III - Leadership in Educational Organization

- a) Meaning, concept and nature of leadership
- b) Theories of leadership and style of leadership
- c) Measurement of leadership
- d) Organizational climate: Its meaning, nature, measurement, researches in organizational climate

Unit IV - Management of conflict in Educational Organization

- a) Meaning and nature of management conflict
- b) Types of conflict and sources of conflict
- c) Dynamics of conflict, management of conflict

Unit V - Educational Inspection and Supervision

- a) Meaning and nature of educational inspection and supervision
- b) Difference between inspection and supervision
- c) Scope and functions of educational supervision
- d) Principles of good supervision
- e) Operative and evaluating supervision programme

M.Phil. (Education)

Semester- II

Paper-IV (Advanced Educational Technology)

Objectives

1. To familiarize the students with roots, concepts, and scope of Educational Technology.
2. To acquaint the students with theories relevant to Educational Technology.
3. To train the students in different styles of developing instructional.
4. To acquaint the students with Systems approach and different aspects of Distance Education.

Course Contents

Unit I - Educational Technology and System Approach

- a) Education Technology – definition, meaning, scope, and relevance to present day education
- b) System Approach – definition, characteristics and parameters of a system, models of system approach, system approach in education

Unit II – Instructional Aids

- a) Role of audio-visual aids in effective teaching learning, types and classification of AV aids
- b) Projected aids and non-projected aids – specific purposes & usages
- c) Role of teacher in software production - criteria for selection of appropriate media and methods for instructional purposes
- d) Mass media for formal, non formal, informal education

Unit III – Programmed Instruction

- a) Meaning, concept and principles of programmed instruction
- b) Types and Steps in PLM structuring - psychological principles, its application in the area of educational technology such as PSI- Keller Plan.

Unit IV - Principle and application of T.V. and its kinds and varieties - as instructional media - ETV - use of Video technology for learning - TV in Distance learning - UGC & IGNOU programmes - INSAT communication for education

Unit V - Computers in Education - an introduction to its concept and principles - Computer Assisted Instruction for Individualization. Computer Managed education, Computer accessories and their specific function, basic information on languages - peripherals and their, educational uses, computers in offices automation, interactive Video for learning

M.Phil. (Education)

Semester- II

Paper-V (Education and Curriculum for Exceptional Children)

Objectives

The student after going through this curriculum should be able:

1. To grasp the meaning, concept and modalities of identification of various types of (students who are different than majority or are) exceptional learners.
2. To understand various educational intervention programmes for meeting the needs of exceptional learners.
3. To familiarize with various strategies and approaches for promotion of education among persons with disabilities.
4. To know different types of curricula keeping the concepts and problems of exceptional children at the centre of the learning process.

Course Contents

Unit I- Introduction

- a) Exceptional Children – Concept & types
- b) Concept of impairment, disability and handicap
- c) Concept and need of special education for exceptional children
- d) Process of special education - identification, individualized education programme(IEP), least restricted environment(LRE), evaluation

Unit II- Introduction to Various Disabilities

Definition, classification, and causes of:

- a) Learning Disability
- b) Hearing Impairment
- c) Visual Impairment
- d) Mental Retardation

Unit III- Concept of Curriculum

- a) Curriculum – definition and its need

- b) Curriculum process and its stages
- c) Types of curriculum – subject-centered, learner-centered, activity-centered and integrated curriculum
- d) Formative and summative evaluation of curriculum

Unit IV- Educational Approaches-I

- a) Approaches to curriculum – curriculum differentiation, acceleration, enrichment, curriculum compacting, interdisciplinary instruction, internship & mentorship programme
- b) Individualized education programme: concept and need
- c) Early identification : need and importance
- d) Enrichment triad and Revolving door identification model

Unit V- Educational Approaches-II

- a) Approaches to special education – Special schools, integrated schools, inclusion, normalization, main-streaming
- b) Models and forms of integration
- c) Advantages and disadvantages of integration
- d) Rehabilitation of children with special needs – meaning of rehabilitation, a brief introduction to Persons with disabilities(PWD) Act, Rehabilitation Council of India (RCI), Various national institutes of India for disabled.