

# Syllabus of M.Phil Education

## (First Semester)

### PAPER-1: RESEARCH METHODOLOGY AND COMPUTER APPLICATION

Course Credit: 4

Theory: 70 Marks

Practicum: 30Marks

### COURSES CONTENT

#### Unit-I: Introduction to Educational Research

- Meaning, purpose and areas of educational research
- The research & the scientific method
- Kinds of educational research: basic & applied research, evaluation research and action research and their characteristics
- Research paradigms in education: qualitative, mixed and quantitative, and their characteristics Types of research under each paradigm

#### Unit-II: Variables, Hypothesis and Sampling in Educational Research

- Meaning and Classification of Variables.
- Meaning, Types and Forms of Hypothesis.
- Concept of population and sample, sampling unit, sampling frame, sample size, sampling error, representative and biased samples.
- Random and Non-Random sampling techniques.

#### Unit-III: Qualitative and Quantitative Research Method

(Nature, Characteristics, Types and Steps)

- Philosophical, Phenomenological and Ethnographical Research.
- Historical Research.
- Descriptive Research.
- Experimental Research.
- Quasi-Experimental Research.

#### Unit-IV: Tools and Techniques of Data Collection

- Tools of Data collection: Questionnaires, Tests, Inventories and Rating Scales.  
(Types, Uses, Merits and Limitations).
- Methods and Techniques of Data Collection: Observation, and Interview.
- Principles of Construction of tools and techniques and its administration.
- Basic attributes of a good research tool- Reliability, Validity and Usability.

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(Prof. A. Anjum) (Retd.)  
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## Unit-V: Computer Application

- Computer System: An overview; Basic applications of computer in different fields; Functional Components of a Computer; Benefits and limitations of Computer; Computer Virus and Cyber Crime.
- Operating System; Basic window accessories; Mouse pointer, Control Panel.
- Introduction to MS Word and Ms Excel; Creating Tables and Charts in Word and Excel.
- MS Power Point; Steps to Power Point Presentation; Creating New Presentation. Editing, Adding New Slides, Inserting Pictures; Creating Slide Shows.
- Internet and its application: E-mail, WWW, Web browsing, Introduction to Internet, Use of Internet and WWW, Using search engine like Google, Yahoo etc, Using advanced search techniques.

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## PAPER-2: FOUNDATIONS OF EDUCATION

Course Credit: 4

Theory: 70 Marks

Practicum: 30Marks

### **COURSES CONTENT**

#### **Unit-I: Philosophical of Education**

- Philosophy in the Eastern and Western perspective.
- Branches of Philosophy and their place in Education.
- Problems of Philosophical Inquiry
- Epistemological Perspectives of Knowledge.
- Methods of obtaining Knowledge (Eastern and Western)
- Western School of Philosophy: Idealism, Realism, Naturalism, Pragmatism, Existentialism, Marxism, and Logical Positivism.
- Indian School of Philosophy: Sankhya, Vedanta, Yoga, Naya, Buddhism, Jainism, and Islam

#### **Unit-II: Education and Society.**

- Education as a process in the social system; a social activity.
- Education and its characteristics; interrelation amongst education and other social subsystems- economy, polity and culture
- Various Social Groups: Political, Economic, Professional, Caste, Class & Habitat- their Interaction and Education.
- Education as a process of Socialization.
- Acculturation and Enculturation

#### **Unit-III: Current Issues in the Context of Education and Indian Society.**

- Education and Neo-colonialism, Neo-capitalism and Neo-liberalism.
- Education & Lawlessness.
- Education: Equity & Equality.
- Education & Secularism.
- Education of the Disadvantaged
- Education and Modernization.

#### **Unit-IV: Psychological Foundation of Education**

- The Profession of Teaching and Aims of Educational Psychology.
- A historical view of different schools of psychology with specific reference to changing role teacher and learner: Behaviourist school, Gestalt theories, Cognitive theories, Humanistic school.
- Current Concerns and Trends in Educational Psychology.
- Research in Educational Psychology.

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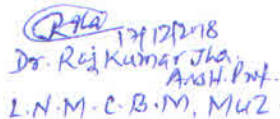
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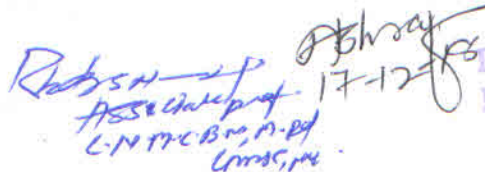
## Unit-V: Learning, Motivation and Development

- Learning: Concept and Nature.
- Behaviourist Theory: Hull's Reinforcement Theory.
- Cognitive Field Theories: Insight learning theory, Lewin's Field Theory, Social Cognitive Learning, and Tolman's Theory of Learning.
- Constructivist Theories: Bruner's Discovery Learning, Cognitive Constructivism of Piaget, Social Constructionism of Vygotsky, Ausubel's Reception Learning, Kolb's Experiential Learning, and Gagne's Hierarchy of Learning.
- Motivation: Concept, Types, Implications to learning, and Concept of Achievement Motivation.
- Development of: Concept Formation, Logical Reasoning, Problem Solving, and Creative Thinking.
- Theories of personality: Psychoanalytic (classical and Neo Freudian) and Humanistic theories (Roger and Maslow's).

  
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**PAPER-3: Optional Paper**

**A. EDUCATIONAL TECHNOLOGY**

**Course Credit: 4**

**Theory: 70 Marks**

**Practicum: 30 Marks**

**COURSE CONTENT**

**Unit-I: Educational Technology**

- Concept, Origin, Types, Component, Need and Importance of Educational Technology.
- Multimedia Approach: Concept, Characteristics, Types, Advantages and Limitations.

**Unit-II: Communication and Teaching**

- Components of communication process.
- Barriers of communication; Principles of Effective Communication.
- Different Communication Channels.
- Modalities of Teaching: Teaching as different from; Indoctrination, Instruction, Conditioning and Training.

**Unit-III: Programmed Instruction**

- Origin, Principles and Characteristics of Programmed Instruction.
- Style of Programming: Linear, Branching, Mathematics, and Computer Assisted Instruction (CAI).
- Development of Programmed Instruction Materials.
- Organizing teaching and learning at different levels: Memory, Understanding and Reflective.

**Unit-IV: Models of Teaching**

Different Models of Teaching

- Concept Attainment Model.
- Inquiry Training Model.
- Non-directive Teaching.
- Classroom Meeting.
- Mastery Learning Model.
- Direct Instruction.
- Role Playing.
- Group Investigation.

**Unit-V: E-Learning and E-Resources**

- E-Learning: Features, advantages, disadvantage.
- E-Resources: Features, advantages, disadvantage.
- E-Learning in Teacher Education.

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**PAPER-3: Optional Paper**  
**B. TEACHER EDUCATION**

**Course Credit: 4**

**Theory: 70 Marks**

**Practicum: 30 Marks**

**COURSE CONTENT**

**Unit-I: Concept and Historical Perspective**

- Concept, need and Significance of Teacher Education.
- Aims and Objectives of Teacher Education at:
  - A. Elementary level.
  - B. Secondary level, and
  - C. College Level.
- Development of Teacher Education Programmes during Pre-independence Period: Ancient, Medieval & British Period.

**Unit-II: Perspectives and Policy on teacher Education**

- National and state policies on teacher education – a review
- Different organizations and agencies involved in teacher education – their roles, functions and networking
- In – service teacher education under DPEP, SSA, and RMSA
- Preparation of teachers for art, craft, music, physical education and special education – need, existing programmes and practices.

**Unit-III: Teacher Development**


- Faculty Improvement Programmes.
- Performance appraisal of teachers.
- Internship in Teacher Education.
- Pre-service teacher education.
- In-service teacher education.


**Unit-IV: Programmes of Teacher Education**

- Different programmes of teacher education in India- its merits and limitations.
- Orientation and refresher courses.
- Professional development of teachers and teacher educators – present practices and avenues.
- Evaluation of the effectiveness of teacher education programmes.

**Unit-V: Instructional Strategies in Teacher Education**

- Lecture strategy, Discussion and Panel discussion.
- Workshop, Seminar, Conference, Symposium, Brain Storming.
- Action Research in teacher education.

  
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**PAPER-3: Optional Paper**  
**C. SPECIAL EDUCATION**

Course Credit: 4

Theory: 70 Marks

Practicum: 30 Marks

**COURSE CONTENT**

**Unit-I: Introduction of Special Education**

- Special Education- Concepts, Need and objectives.
- Classification of Special Children.
- Historical Perspective of Special Education.
- Inclusive educational strategies and their implication for Universalization of elementary education

**Unit-II: Physically Handicapped**

- The physically handicapped- their types, problems of adjustment, education of the orthopedically handicapped children.
- The partially or totally blind, deaf and dumb, their proper education and training.
- The speech defectives- defect of voice and articulation, stammering, its remedial treatment and correction programme.

**Unit-III: Socially and Mentally Retardation**

- The socially handicapped or the delinquent children.
- Causes of delinquency and remedial measure to deal with the delinquents.
- Mentally retarded – causes of mental retardation, various types of retardation.
- Educational provision for the retarded children.

**Unit-IV: Gifted and Creative Children**

- The gifted and creative children – their identification, characteristics and education.
- Teacher preparation for the exceptional children of various types.
- Psychopathology of mental illness in the home due to handicapped.
- Guidance for the parents of handicapped children.

**Unit-V: Adjustment and Mental Health.**

- Adjustment: Psychological processes, Maladjustment, factors responsible for maladjustment.
- Mental Health and Hygiene.
- Processes of Adjustment, Conflicts and Defence mechanisms.

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