# M.Phil. (Education) Course Outline

## SEMESTER I

<table>
<thead>
<tr>
<th>Course</th>
<th>Name of the paper</th>
<th>Course Code</th>
<th>Evaluation Pattern &amp; Marks</th>
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<tbody>
<tr>
<td>I</td>
<td>Emerging Trends and Issues in Education</td>
<td>20 80</td>
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<tr>
<td>II</td>
<td>Research Methodology in Behavioural Sciences</td>
<td>20 80</td>
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## SEMESTER II

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<tr>
<td>III</td>
<td>Planning, Financing and Management of Education</td>
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<tr>
<td>IV</td>
<td>Educational Assessment and Evaluation</td>
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<td>Project Work</td>
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SEMESTER I

Emerging Trends and Issues in Education

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UNIT I   Interdisciplinary Approach in Education
- Interdisciplinary approaches - concept, need and scope
- Interdisciplinary approach in Teaching
- Interdisciplinary approach in Learning
- Interdisciplinary approach in Research

UNIT II  Approaches of Learning
- Lifelong Learning
- Open and Distance Learning
- Co-operative Learning
- Blended Learning
- Flexi Space Learning
- Reflective Learning

UNIT III Processes of Learning
- Inquiry Based Learning
- Brain Based Learning
- Media literary and Learning

Unit IV  Andragogy
- Concept of andragogy
- Implications of andragogic techniques for teachers training
- Experiential Learning
- Field interactions and reflection
- Teacher experiences as the basis of training

UNIT V   Trends in Education
- Inclusive Education
- ICT in Education
- Life Skill Education
- Multicultural Education
- Alternative Assessment
- Social Constructivism

UNIT VI  Issues in Education
- Educational Policies
- Wellbeing Education
- Comparative Education
- Development Education
- Citizenship Education
- Economics of Education
UNIT VII    Globalization and Education

▪ Differences between globalization, internationalization, and internationalism
▪ Paradoxes of globalization
▪ Global Policies in Education. EFA, MDGs.
▪ Globalization and educational reform

Suggested Readings:

▪ Dasgupta, D. N. Communication and Education, Pointer Publishers
SEMESTER I
Research Methodology in Behavioural Sciences

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UNIT I Research Procedure
- Meaning and objectives of educational research
- Selection of problem
- Review of literature
- Research design, population and sampling
- Tools and data collection
- Statistical analysis of data
- Formulation of conclusions and generalization

UNIT II Research Methods
- Philosophical research
- Historical research
- Descriptive research
- Survey research
- Development research
- Ex-postfacto research
- Experimental Research
- Phenomenology
- Grounded theory
- Ethnographies
- Narrative research
- Case study
- Mixed method research

UNIT III Research Designs
- Experimental Designs: Pre-experimental, Quasi-experimental, and True-experimental designs, and Factorial designs

UNIT IV Data Analysis in Quantitative Research
- Parametric and Non Parametric Tests: Meaning and purpose, Difference between parametric and non-parametric test
- Parametric tests:
  - ‘t’ test-theory, types and computation
  - ANOVA- theory, types and computation
  - ANCOVA-theory and computation
  - Regression, step regression
- Non-parametric tests
Median test, sign test, Mann-Whitney U-test, and run test
“H” test, its meaning, purpose; assumptions and uses
Friedman Two-way analysis of variance
X2-test, its purpose and uses

Advanced Techniques of Correlation
- Contingency
- Phi and Tetra choric Correlation
- Bi-serial and Point Bi-serial Correlation
- Partial and Multiple correlation

UNIT V  Data Analysis in Qualitative Research
- Coding and classification-Axial coding, Selective coding
- Methods of Qualitative data analysis- content analysis, logical and inductive analysis, illustrative method; analogies, Criticism of historical data
- Meta-analysis
- Triangulation of data
- Trend analysis
- Utilization of corroborative analysis

UNIT VI  Writing Research
- Need for writing research report
- Preparing research synopsis
- Writing research report
- Writing research paper
- Writing references (APA, MLA, Harvard style)

UNIT VII  Computer Application in Research
- Use of computers in:
  - Data processing
  - Word processing
  - Graphical processing
  - Different phases of research
- Use of statistical software in data analysis

Suggested Readings:

**SEMESTER II**

Planning, Financing and Management of Education
## Unit I  Financing and Planning of Education
- Meaning, nature and scope
- Economic development and financing of education
- Financing of education in India: Center- State relationship, mobilization of resources
- Criteria of resource mobilization and resource utilization
- Cost analysis in Education

## Unit II  Techniques and Methods of Planning
- Micro and Macro planning
- School mapping and child mapping
- Steps in planning
- Appraisal of planning

## Unit III  Management of Education
- Constitutional provisions, legislative enactments
- Role of various agencies- planning commission, MHRD, UGC and other central organizations, State and local bodies and NGOs
- Centre, State and local relationships in educational management

## Unit IV  Resource Management
- Diversity in educational institutions and related planning and management issues
- Plan and non-plan schemes and its implementation
- Monitoring performance and utilization of funds: accounting and editing

## Unit V  Human Resource Management
- Leadership and Decision making
- Interpersonal relations, communication, accountability, Performance appraisal, grievance redressal mechanism and teachers’ unions
- Professional development policies, programmes and practices, faculty welfare schemes
- Support staff- policies, roles, functions, importance and opportunities for professional growth

## Suggested Readings

**SEMESTER II**

Educational Assessment and Evaluation

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**Unit I** Educational Assessment and Evaluation – Strategies and Approaches
- The nature and philosophy of educational assessment and evaluation
- Development of evaluation models and approaches of assessment
• Purpose and goals of evaluation studies and assessment studies

**Unit II  Measurement Theories**
• Measurement in Educational Research
• Measurement theories- Classical theory, Item response theory
• Measurement Models- Time score model, latent trait model, Rash measurement model
• Validation of assessment: concept and methods of ascertaining validity. (Content related, criterion related, construct and predictive)
• Issues related to Validity: Qualitative
• Reliability: concept, theory of reliability; methods of ascertaining reliability. (test-retest, equivalent forms, split- half, reliability based on item statistics)
• Item analysis
• Scaling methods and test norms

**UNIT III  Research Tools and their Construction**
• Various research tools: nature and uses
• Principles and steps of construction of research tools
• Item analysis : different methods, difficulty value and discriminative power
• Standardization: Reliability, Validity, norms

**Unit IV  Dimensions of Educational Evaluation and Assessment**
• Diagnostic evaluation
• Curriculum evaluation
• Institutional evaluation
• Programme evaluation
• Meta evaluation
• Development in educational evaluation and assessment

**Unit V  Tools and Techniques for Educational Evaluation and Assessment**
• Tools: Questionnaire, scales, profile, portfolio, achievement tests, standardized tests, criterion referenced tests, culture fair tests, minimum competency tests, differential test batteries
• Item writing techniques and item banking
• Test anxiety, test wisdom and guessing
• Techniques: Self-report, interviews, observation, practical, case studies, Analysis of evidences in humanistic studies • Student evaluation techniques and examination anxiety • Validation of individual test response pattern

**Unit VI  Issues Related to Educational Assessment and Evaluation**
• Role of Evaluator
• Ethics of the evaluation studies
• Professional standards for educational evaluation
• Impact of evaluation studies
• National assessment of educational standards
• Reporting the results of evaluation studies

**Suggested Readings**