

KUVEMPU UNIVERSITY
SYLLABUS OF MASTER OF EDUCATION (M.ED)
HARD CORE PAPER I
SEMESTER -II
GLOBALIZATION AND ENTREPRENEURSHIP IN EDUCATION

Objectives: Upon completion of the paper the students will be able to:

1. Gain knowledge and understand about the meaning and importance of globalization, liberalization and privatization
2. Understand the Importance of Education on Globalization.
3. List the salient features of Globalization affecting Teacher Education.
4. Understand the concept of entrepreneurship and opportunities for Education in
5. Establish and efficiently manage non-governmental organizations in the field of Education.
6. Understand the schemes and programmes for promotion of the culture of Entrepreneurship in India.
7. Undertake entrepreneurship projects in the field of Education.

Unit — 1: Introduction to Globalization

- 1.1 Meaning and importance Globalization, Liberalization and Privatization
- 1.2 Historical perspectives in Globalization
- 1.3 Globalization and the changing society
- 1.4 Globalization —The commercialization of Knowledge and higher Education

Unit — 2: Globalization and Teacher Education

- 3.1 Role of Education on Globalization.
- 3.2 Recent salient features of Globalization effecting Teacher Education-competency Based teaching, Effectiveness based teaching, Performance based teaching and Innovations based Teaching.
- 3.3 Quality Teacher Education in the context of Globalization- Total Quality Management- Communication ability, Self Evaluation, Continuous Assessment And systems approach.
- 3.4 Professional Ethics and Globalization-Teacher commitment and values
- 3.5 Continuous comprehensive evaluation for quality improvement in Teacher Education.

Unit — 3 Impact of Globalization on Education

- 4.1 Commodification and the corporate takeover of Education
- 4.2 Globalization and the Governance of Education
- 4.3 Globalization and the Incorporation of Education

4.4 Influence of modern technologies on Globalization of Education-Web based technology, on-line learning, Digital library.

Unit -4: Introduction to entrepreneurship Education

- 4.1 Concept of entrepreneurship.
- 4.2 Role of entrepreneurship in development.
- 4.2 Type of entrepreneurship.
- 4.4 Problems of entrepreneurship.

Unit -5: Integration of entrepreneurship in school subjects

- 5.1 Teach ability of entrepreneurship.
- 5.2 Role of school in teaching entrepreneurship.
- 5.3 Integration of entrepreneurship in school subjects.
 - 5.3.1 Entrepreneurship and Language subjects.
 - 5.3.2 Entrepreneurship and Science.
 - 5.3.3 Entrepreneurship and Social Science.
 - 5.3.4 Entrepreneurship and Mathematics.
 - 5.3.5 Entrepreneurship and Art Education.
- 5.4 Benefits of Entrepreneurship Education.

Unit —6: NGO's and 'VO's in Education

- 6.1 Concept of voluntary and Non-Government organization.
- 6.2 Legal foundations of NGO's and VO's in India.
- 6.3 Objects and functions of NGO's and VO's.
- 6.4 Establishment and Management of NGO's and VO's in Education.
- 6.5 SWOT analysis of India Entrepreneurship.
- 6.6 Entrepreneurship in the era of Globalization.

Practical / Activities:

1. Report on functioning of any foreign University centre in your locality.
2. Study the Problems of foreign students enrolled in Post — Graduate Departments of Indian Universities.
3. Evaluation of faculty exchange programmes between Indian and foreign Universities.
4. Survey and report on N G O's activities in the field of Education
5. Study of administrative set up of N G O's
6. Visit an Educational Institution and collect all the details about the procedure to Be followed and the preparations to be made to start an Educations.

7. Select a few private tutorials in your area and study the commercial availability by considering the cost and income. Also find out whether the return is adequate for the investment made.

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UVEMPU UNIVERSITY
SYLLABUS OF MASTER OF EDUCATION (M.ED)
HARD CORE PAPER 2 SEMESTER -II
EDUCATIONAL STATISTICS

Objectives: Upon completion of the paper the student will be able to;

1. Develop computational skills.
2. Gain insight into different statistical techniques.
3. To develop the skill of construction of tests and tools by using appropriate statistical procedures.
4. Use appropriate statistical calculations keeping in mind the objectives! Hypotheses of the study and the nature of data.
5. Interpret the statistical results appropriately to realize the objectives and to test the hypotheses.

Unit — 1: Statistical data

- 1.1 Meaning, Nature and Kinds of data — Classification and tabulation of data.
- 1.2 Graphical representation of data-Frequency polygon, Frequency polygon, Frequency Curve, Histogram and Ogive.

Unit — 2: Descriptive Statistics

- 2.1 Measures of central tendency — Mean, Median and Mode.
- 2.2 Measures of Variability — Range, Quartile Deviation, Average Deviation and Standard Deviation, Coefficient of Variation.
- 2.3 Measures of Relative Positions — Quartiles, Deciles, Percentiles and percentile Ranks.

Unit —3: Normal Probability Curve

- 3.1 Elementary concepts of probability, Normal probability distribution.
- 3.2 Normal probability Curve — its properties and applications in Educational Research - Skewness and Kurtosis.
- 3.3 Standard Scores, T Scores, Stanine Scores and Norms-Norms — Nature, Calculation and their uses.

Unit — 4: Measures of Relationship

- 4.1 Simple Linear Correlation and Regression — Concept of Correlation, Rank Correlation, Pearson Product Moment Correlation, coefficient of determination concept of Regression and Regression coefficients, Regression Equations.
- 4.2 other methods of correlation- Biserial, Point Biserial, Tetrachoric, phi coefficient and contingency

coefficient.

4.3 Partial and Multiple correlations — Concept and their uses.

Unit —5: Inferential Statistics

5.1 Significance of Statistical Measures — concept of standard Error, its uses — True Statistical Measures confidence Limit and confidence interval.

5.2 Tests of significance between two statistical measures — significance of difference between two means (correlated, independent, heterogeneous, homogeneous, large and small samples) — concept of degree of freedom, confidence levels, one tailed and two tailed tests. Errors in hypothesis testing — Type — I and Type — II errors.

5.3 Elementary ideas of F-Ratio (ANOVA).

5.4 Non-parametric Statistics — concept, uses of Chi-square as a measure of association. Association of attributes, (Equal probability, Normal probability, independence hypotheses), contingency coefficient.

Unit — 6: Computer Applications in Education Research

6.1 Basics of computer — computer configuration, computer peripherals, computer software's — criteria for the selection of computer software's.

6.2 Micro soft windows — Application of MS Office — Word, Excel, Power Point, Access and applications of statistical software's (SPSS).

6.3 Accessing internet and using search engines, e-mail, chatting websites and designing web-page.

Practical/Activities

1. Designing/Choosing the appropriate Graphical representations for data in hand.
2. Choosing the appropriate statistical methods for the data in hand.
3. Choosing the appropriate statistical procedure for testing the hypotheses.
4. Choosing the appropriate statistical packages for the study proposed.

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KUVEMPU UNIVERSITY
SYLLABUS OF MASTER OF EDUCATION (M.ED)
HARD CORE PAPER 3
SEMESTER -II
ADVANCED EDUCATIONAL TECHNOLOGY

Objectives:

1. To understand the meaning, scope and concept of Educational Technology.
2. To compare the software approach with the hardware approach to Educational technology.
3. To develop necessary skills in the use of media utilization and applications in the teaching- learning process.
4. To develop awareness towards Education and System Analysis.
- 5, To develop Skills regarding Cybernetics namely use of Internet and related services.

Unit I: Conceptual Bases of Educational Technology

- 1.1 Educational Technology: Definition, Meaning, Scope and Relevance to present Education — Technology of Education & Technology in Education
- 1.2 Hardware and Software Technology-meaning, Educational usefulness.
- 1.3 Strategies of Teaching: Active learning, Collaborative/ co-operative learning, critical thinking, Experiential learning, Simulations, Humour in the class room, inter-disciplinary teaching.

Unit II— Audio & Visual Communication

- 2.1 Sound as Mode of communication — Development and Importance
- 2.2 Types of Sound and Audio communication - Uses of Audio Communication
- 2.3 Visual Communication — Meaning, Forms, Development and Uses.
- 2.4 Visual Communication through Print, Slides, Films & Filmstrips, TV, Video and Computers — Role of Audio in Visual Communication.

Unit —III: Education and System Analysis

- 3.1 Meaning and definition of System Analysis or Approach.
- 3.2 System Approach in Education, System Model of the Educational Process.
- 3.3 Model of an Instructional System, flow diagram
- 3.4 A systematic Approach to Instruction flow diagram, advantages
- 3.5 Role of the Teacher in the system approach

Unit IV: New Information Technology in Education.

- 4.1 Concept and development of Telecommunication
- 4.2 Cybernetics-Meaning, History and Scope.
- 4.3 Internet- Meaning, History and Scope: The World Wide Web (www), Web Pages and HTML, Web Browser, Web Search Engines, Internet Service Providers, Net Surfing, Internet Services.
- 4.4 e-mail-concepts, Advantages and Disadvantages; Working with e-mail, Mailing basics, Protocols, Useful e-mail Services, News groups.
- 4.5 Computer care-Virus, Security and Maintenance.

Unit — V: Teacher and Information and Communication Technology.

- 5.1 ICT and Teachers
- 5.2 Technology enhanced instruction
- 5.3 Changing role of teachers and technological support to teachers.
- 5.4 Training of teachers in ICT.
- 5.5 Factors influencing technology use by teachers.

Practical / Activities:

- 1 . Studying various **e-mail** providers and **creating** mail ID's-preparing the Report
2. Developing Computer Programmes for data Processing
3. Preparing a web page.
4. Effectiveness of training programme for teachers in ICT.
5. Prepare a flow diagram on any Secondary School topic using systems approach.
- 6 . Survey and analyze the role of Education technology in Distance Education.
- 7 Any other related activities/Programme.

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SOFT CORE STREAM 1: EDUCATIONAL SYSTEM IN INDIA

SEMESTER -II

PAPER 3: TEACHER EDUCATION

Unit — I : Concept of Teacher Education

- 1.1 Teacher Education: Concept, functions and scope.
- 1.2 Objectives of Teacher Education: Pre primary, primary, Secondary, senior secondary and college level.
- 1.3 A brief review of historical perspective of development of teacher Education.
 - 1.3.1 Ancient, Medieval, Buddhist, Muslim and British Period.
 - 1.3.2 After independence.

Unit —2 Structure Norms and Standards for Teacher Education Institutions.

- 2.1 Structure of teacher Education
 - 2.1.1 Two years primary level (D.Ed)
 - 2.1.2 One and two year undergraduate (B.Ed)
 - 2.1.3 One year post graduate (M.Ed.)
 - 2.1.4 Four year integrated (B.A. Ed., B.Sc. Ed.,)
- 2.2 Norms and Standards
 - 2.2.1 Human Resources
 - 2.2.2 Physical Infrastructure
 - 2.2.3 Academic input
 - 2.2.4 Financial provisions

Unit —3: Agencies of Teacher Education: Role and Functions

- 3.1 State Level : State Institute of Education, State council for Education, Centers Of continuing Education for teachers State Boards of Teacher Education, University Department of Education.
- 3.2 National level: University Grants Commission (U.G.C.), National Council of Educational Research and Training (NCERT) National Council for Teacher Education (NCTE), Center of Advanced Studies in Education (CASE), National Institute of Education Planning and Administration (NUEPA). Indian Council of Social Science Research (ICSSR).
- 3.3 International Level — UNESCO

Unit —4: Planning and Financing of Teacher Education

4.1 : Approaches to teacher Education planning; Social demand approach Manpower planning and rate of return approach.

4.2 Financial planning; Factors relating to demand and supply of financial Resources.

Unit — 5: Research and Innovations in Teacher Education

5.1 Research in teacher Education: Purposes, scope, areas and recent trends.

5.2 Innovation: Meaning, definition and aspects.

5.3 Innovative practices at primary and secondary level.