

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**M.PHIL EDUCATION  
(2014-2015 onwards)**

**OBJECTIVES**

The curriculum aims at:

- to produce professionally competent teachers, teacher educators and researchers.
- to enable the students to acquire knowledge about the various aspects of educational research and the application of statistics in educational research.
- to enable the studies to comprehend knowledge about higher education teacher education and sustain quality.
- to enable the students to acquire skills to undertake educational researches and disseminate them with reports.

**ELIGIBILITY FOR ADMISSION**

Candidates with not less than 50% of marks in the degree of Master of Education of any University recognized as equivalent thereto by the syndicate of MSU can seek admission for the degree of M.Phil. in Education.

**RESERVATION OF SEATS**

Reservation stipulated by the Government of Tamil Nadu followed.

**DURATION OF THE PROGRAMME**

A candidate desiring to appear for the M.Phil. Examination shall (i) if he/she is full-time student, undergo a regular course of study for one academic year

**COURSE OF STUDY:**

**I. PAPERS FOR SEMESTER- I**

Paper 1: Advanced Research Methodology and Statistics in Education

Paper 2: Perspectives in Higher Education

**PAPER FOR SEMESTER- II**

Paper 3: Area paper

*Research Colloquium*

*Dissertation*

*Viva-Voce.*

## SCHEME OF EXAMINATION:

Paper	Semester	Title	Credit	Internal		External		Total	
				Min	Max	Min	Max	Min	Max
I	I	Advanced Research Methodology and Statistics in Education	8	-	25	38	75	50	100
I	I	Perspectives in Higher Education	8	-	25	38	75	50	100
III	II	Area Paper	8	-	25	38	75	50	100
IV	II	Project	16	-	100 D.I-75 V.I-25	50	100 D.E-75 V.E-25	100	200
		Total	40					250	<b>500</b>

Sl. No.	Title of the Paper	Teaching / Contact Hrs.	Exam Hours	Max. Mks.	Credits
First Semester					
1.	Paper- 1- Research Methodology	8	3	100	8
2.	Paper-II- Advanced Paper	8	3	100	8
	Project (Evaluation in Final semester)	12	-	-	-
Second Semester					
3.	Paper – III- Project Oriented Optional Paper	8	3	100	8
4.	Project	20	Viva-voce	200	16
Total				500	40

## INTERNAL ASSESSMENT

The scholars are evaluated according to their performance in

a) Assignment	:	5 marks
b) Seminar	:	5 marks
c) Tests (3 in each paper)	:	15 marks
<b>Total</b>	:	<b>25 marks</b>

### Question Paper Pattern for Theory Exam:

Type of questions	No. of questions	Marks	Total
Part A (400 words)	5 (either /or)	5	25
Part B (700 words)	5 (either /or)	10	50

### STANDARD OF PASSING:

To pass the M.Phil examination the candidate must obtain at least 50 percent marks in external, 50 percent in the dissertation both in internal and external and 50 percent for participation in research colloquium. The candidates who obtain 60 percent or above marks will be placed in the first class. The candidates who obtains 50 percent and above but less than 60 will be placed in the second class. The candidates who secure below 50 percent marks will be considered failed.

If a candidate passes in the dissertation but fails in the papers, marks obtained by him/her in the dissertation shall be carried over to the subsequent year or years. If a candidate passes in the papers and fails in the dissertation, the marks obtained by him/her in the papers shall be carried

over to the subsequent year or years. If a student fails in the theory paper or dissertation the internal mark obtained by him/her shall be carried over to the subsequent year or years.

**VIVA-VOCE BOARD:**

The Viva-Voce Board may consist of the HOD, the guide and an external examiner. The quorum may be two, including the external examiner.

## **PAPER-1**

### **ADVANCED RESEARCH METHODOLOGY AND STATISTICS IN EDUCATION**

#### **OBJECTIVES:**

To enable the scholar

- acquire knowledge of different types of research.
- get acquainted with various research designs
- apply the principles for construction and standardization of tools.
- acquire the skills of using Information Technology in Educational research
- undertake educational Research and writing the reports.
- understand the process of preparing research proposals to various agencies.
- undertake educational research and writing the reports.
- understand the meaning and need of statistics in educational researches
- know the difference between descriptive and inferential statistics
- distinguish parametric and non parametric statistics
- Select and apply appropriate statistical techniques in research.

#### **UNIT-1: Approaches to Research**

Research – Meaning and Nature, Types of Educational Research – Research Paradigms- Qualitative Approach – Characteristics, Purpose, Types – Phenomenological, Ethnographical, Heuristic, Case studies, Historical Studies, Philosophical Studies, Content Analysis - Quantitative Approach – Experimental, Quasi experimental, Survey, Correlational Studies.

#### **UNIT-II: Research Problem, Sampling Techniques & Tools in Research**

Areas of Educational Research – Sources of Problems. Review of Related Literature - Identification of Research Problem – Variables. Hypothesis – Types, Forms and its testing – Errors - Research Proposal –Population – Sample – Methods of Sampling, Tools and Techniques: Observation, Interview, Schedule, Check List, Rating Scale, Inventories and Opinionnaire – Characteristics of a good tool – Construction of tool – Reliability and Validity – Types

### **UNIT-III: Reporting**

Report: Format, Preliminary, Main Body, Style of Writing, Bibliography, Reference Form, Appendix.

### **UNIT-IV : Correlational Analysis and Scores Transformation**

Biserial, Point Biserial, Tetrachoric Correlation Phi correlation – Partial Correlation –Multiple Correlation –Linear regression equation - Multiple Regression Equation - Suppressor Variables – Non Metric Variables – Canonical Correlation - Standard Scores – Stanine Score.

### **UNIT- V : Parametric and Non-Parametric Tests**

Chisquare Test – Median Test – Mann-Whitney Test – Wilcoxon Matched Pairs Test – Kolmogrov Smirnov Test - Difference in groups, ‘t’ test – ANOVA – One & Two way ANOVA – Post ANOVA – ANCOVA. Factor analysis –Cluster analysis

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## **PAPER-II**

### **PERSPECTIVES IN HIGHER EDUCATION**

#### **OBJECTIVES:**

To enable the scholar

- to comprehend the objectives demands, and problems, of Higher Education.
- to acquire knowledge about the managerial aspects of Higher Education.
- to understand the importance of linking community and industry with Higher Education.
- to comprehend the role of ICT in higher education
- to acquire knowledge about the role of funding agencies at Higher Education level.

#### **UNIT-I: Trends in Higher Education**

Objectives of Higher Education – Demand for Higher Education – Problems of Higher Education – Policy of admission in Higher Education – Growth of colleges and Universities in recent years – National Policy on Education (1986 &1992) – PoA – National Knowledge Commission (NKC).

#### **UNIT-II: Management of Higher Education**

Management of Higher Education – Education in Concurrent list – Types of universities – Decentralization – Democratization of Higher Education – Autonomy to colleges. Innovations in Higher Education – Utilization of modern techniques – Open book exam – self financing colleges – Open university – Distance education – Institutions with linked industries interaction and public sector units.

#### **UNIT-III: Community & Higher Education**

Need & Significance of Linking Higher Education with community – Involvement in community development – Participation in Adult Literacy programme – Consultancy services Extension Activities – College complex – need & significance of Environmental education – Utilizing community resources – Accountability to community.

#### **UNIT-IV: Research in Higher Education**

Research in Higher Education – Needed Research in Higher Education – Teachers and Research - Research organizations in India –Funding Agencies – UGC, CSIR, DST, ICSSR, – Maintenance of Standards in Higher Education- role of ICT in research.

## **UNIT-V: Quality in Higher Education**

Application of ICT in Higher Education – Role of ICT in research - Relationship between Technology and Quality in Higher Education NAAC, NCTE, TANSICHE & International Accreditation Bodies– Present scenario in the implication of modern technologies in Higher Education

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