



6. Hirriyana, M. *The Essentials of Indian Philosophy. Education for a changing civilization, 1971.*
7. Kilpatrick W.H. *Philosophical Analysis in Education, Philosophy of Education Series Harper Row, New York 1971.*
8. Magee, John

Introduction, 1974.

9. Martin, Owlin *Realism in Education Philosophy, Education Series Harper Row, New York, 1971.*
10. Max Wingo *Philosophy of Education, An Introduction, 1974.*
11. Moris, Van cleve *Existentialism in Education, Philosophy of Education Series Harper Row, New York 1971*
12. Pandey R.S. *Shiksha Darsan, Vinod Pustak Mandir, Agra, 1995.*

13. Dutta and chatterjee Bhartiya Darshan, Calcutta.

14. Upadhyay, B. *Bhartiya Darshan, Sharad Prakashan Varanasi*
15. Tripathi L.J. *Being and Becoming, Gorakhpur.*
16. Radha Krishana *Indian Philosophy, Vol-I and Vol-II New, Delhi.*

M.A. PREVIOUS (EDUCATION) M.M. 100

## PAPER-II PSYCHOLOGICAL BASES OF EDUCATION

### Course Objectives

To enable the students to understand;

1. Concept, Nature and relationship of Education and Psychology.
2. The Contribution of Different Schools of Psychology to Education.
3. The meaning, Nature, theories and factors affecting Learning.
4. The Process of human growth and development
5. Intelligence and Creativity-their nature, theories and relationship.
6. The Concept and theories of Personality.
7. The Needs of Exceptional Children and their Education.
8. The Need, Concept and Principles of Guidance and counseling.

### Course Content

1. Educational Psychology : Meaning, Need, scope, Methods and Functions, of Educational Psychology, relationship between Education and Philosophy.
2. Contribution of the following Schools of Psychology to Education :  
— Behaviorism, gestalt and Psychoanalytical
3. Learning its Concept and definition.
- Theories of Learning : thornike conditional, Pavlov's, Classical

and Skinner's operant conditioning, Learning by insight, Hull's reinforcement Theory and Tolman's theory of learning.

- Gagne's Hierarchy of Learning.
- Factors influencing Learning.
- Learning and Motivation
- Transfer of Learning and its theories.
- 4. Process of Growth and Development
- Physical, Social, emotional and intellectual and Cognitive development (Piyagai)
- Development of Concept formation, and Logical reasoning, Creative Thinking and problem solving and language development.
- 5. Intelligence : Its Theories and Measurement.
- 6. Creativity : Its Concept, Nature and Theories
- Relationship between Intelligence and Creativity.
- development of Creativity and its measurement.
- 7. Individual Differences and its implications for Education
- 8. Personality : Type and Theories (Psychoanalytic Theory of Freud, Maslow's Theory and Bardura)
- Measurement of personality.
- 9. Mental Health and Hygiene
- Process of adjustment, Conflicts and defence mechanism.
- 10. Psychology, and Education of Exceptional Children: Creative, gifted, Physically disabled, learning disabled and intellectually impaired.
- 11. Guidance and Counseling :  
— Concept, Principles, Types,

### Books Recommended—

1. Allport, G.W. *Patterns and Growth in Personality, Rinehart and Winston and New York.*
2. Austasi, A. *Psychological Testing McMillan Pub. Co. New York.*
3. Chauhan, S.S. *Advanced Educational Psychology. Vikas Pub. House New Delhi.*
4. Hilgard E.R. and Bower G.H. *Theories of learning, Prentice Hall of India, New Delhi.*
5. Jaishwal, S.R. *Vyaktiwa Ka Manovigyan, Vinod Pustak Mandir*
6. Mangal, S.K. *Advanced Educational Psychology, Prentice*

Hall of India New Delhi.

7. Pandey K.P. Naveen Shiksha Manovigyan, Amitash Prakashan Delhi
8. Bhatnagar Biksha Manovigyan Vinod Pustak Mandir Agra.
9. Singh A.K. Siksha Manovigyan, Bharti Bhawan, Patana.
10. Tripathi S.N. Cognitive development and achievement of School in Seience, chandra Prakashan Gorakhpur.

M.A. (PERVIOUS) EDUCATION M.M. 100

### PAPER-III SOCIOLOGICAL BASES OF EDUCATION

#### Course objectives.

To enable the students to understand about.

1. Meaning and nature to understand about.
2. Social role of Education.
3. Meaning of Culture and concept of Modernization and socialization.
4. Various Social-economic factors and their impact on education.
5. Use of social theories in understanding the process of education.

#### Course Content

1. Meaning and Scope of Sociology of Education, Need of Sociological Perspective in Education.
2. Education and Society.
  - (i) education as a Process in Social system.
  - (ii) as a Process of Socialization.
3. Relationship of education with other social sub-systems like family, community and religion.
4. Culture meaning and nature of culture, role of education in culture context and culture determinants of education.
5. Social Change : Meaning and Concept, education as an agent of social change and constraints on social change (caste, class, language and regionalism) Social mobility.
6. Education as related to Social Stratification with special reference to the education of S.C., S.T., Women and Rural Population.
7. Concept of modernization and Sanskritization with special reference to Indian Society and its educational implications.
8. Socio-economic and Political factors and their impact on education.
9. Education in relation to democracy, Nationalism and international understanding.

#### Books Recommended-

1. Bookover, W (1997) The Sociology of Education, New York American Book Co.
2. Crowin, R.G. (1945) A Sociology of Education, New Jersey, Prentice Hall.
3. Dewey, J. (1916) Democracy and Education, New York McMillan Co.
4. Durkheim, Emile Sociology and Education, New York the Free Press.
5. Gore M.S. (1956), The Sociology of Education in Indian, New Delhi. (N.C.R.T.)
6. Halsey, A.H. (1995) Sociology and the Equality Debar Oxford review of Education Vol -1 No. 1.
7. Kumar Krishna Social Character of Learning New Delhi, (1989) Sage.
8. Ottaway, A.C.K. Education and Society London Routledge (1962) and Kegan Paul.
9. Parsons, Talcott, The school Class as a social system, Harrard educational Review Vol -2, 3, (1959), No. 4.

M.A PREVIOUS (EDUCATION) M.M. 100

### PAPER -IV METHODOLOGY OF EDUCATIONAL RESEACH AND STATISTICS

#### Course Objectives

The Study of this Paper will enable the students to :

1. Know the meaning and purpose of research.
2. Understand the research Problem and its various Phases.
3. Know different methods used in educational research.
4. Use important tools in education research.
5. Use statistical techniques for the analysis and interpretation of data.

#### Course Content

1. Nature of Educational research, Need for research in education, Determing, Priorities in the field of Educational research. Qualitative and Quantitative research fundamental, applied and action research.
2. Selection and formulation of reseach Problem, Guiding Principles

- of Problem selection, sources for Locating the Problem, Statement of Problem and determination.
3. Review of related Literature and its need, Sources of finding related literature.
  4. Hypothesis and its need, forms of Hypothesis and testing of hypothesis.
  5. The Concept of Population and sample, Methods of sampling, features of a good sample.
  6. Methods of educational research. Historical, Descriptive and experimental.
  7. Tools of research, observation, Interview, questionnaires, Psychological tests and Inventories, Qualities of a good test.
  8. Preparation of Synopsis of research Project and writing of research report.
  9. Meaning definition, scope and Importance of Educational statistics.
  10. Tabulation and graphical representation of data.
  11. Measures of Central tendency.

#### Books Recommended—

1. Asher William  
Educational Research and Evaluation, Methods. Wallham : M.A. Little Brown 1976.
2. Best, John, W.  
Research in Education New Delhi Prentice Hall of India 1982.
3. Bhatnagar, R.P.  
et.al.  
Shiksha Anusandhan Meerut, Loyal Book Depo 1995.
4. Garrett. H.E.  
Statistics in Psychology and Education, Bombay Vakils, Faffer and Simons Ltd. 1981.
5. Guilford J.P. and B Fruchter  
Fundamental Statistics in Psychology and Educations, London, McGraw Hill Kogakusha Ltd. 1978.
6. Kerlinger, F.N.  
Foundation of Behavioural Research, New York Holt Rinehart and Winston Inc, 1973.
7. Koul, Lokesh  
Methodology of Educational Research, New Delhi Vikas Publishing House 1993.
8. Verma, M.  
An Introduction to Educational and Psychological Research, Bombay Asia Publishing House 1965.

### M.A. PREVIOUS EDUCATION M. M. 100 PAPER-V EDUCATIONAL TECHNOLOGY

#### Course objection

1. To enable the Student Teacher to understand about the meaning, nature, Scope and significance of E.T. and its important Components in terms of Hardware and software.
2. Understand the meaning, Scope, a brief history of development and significance of educational technology.
3. Have the knowledge of the New trend in educational technology inside and outside the Country.
4. Distinguish between Communication and instruction.
5. Have knowledge of teaching levels, Strategies and models of Teaching.
6. Understand the importance of Programmed instructions and research in Educational Technology.

#### Course Content

##### Unit-I • Meaning Nature, scope and Significance of E.T.

- A brief history, of the development of E.T.
- Approaches of E.T., Software, Hardware and systems.
- Educational technology and instructional technology.
- Educational System and national development.
- Reorientation of educational System in India -NPE-86.

##### Unit-II

- (a) Individualized Instruction—Programme, Computers, multi-media packages.

- (b) Group instruction and mass media educational television (ETV) and Radio Programmes and the instructional Satellite (INSAT) Programmes

##### Unit-III

- Communication and instruction.
- Concept, Components, Process and Class room Communication.

- Designing instructional system, stages of teaching: Pre-active, Interactive and Post-active.

##### Unit IV

- Teaching Strategies : Meaning, Function and Types.
- Modification of Teaching behaviour, Microteaching, Flander's interaction analysis and SSST.
- Emerging trends in E.T.

- Distance education, Open learning System and Open university, Multi-media, internet and I.T.
- Evaluation and E.T., NRT, and CRT.

**Unit-V**

- Resource Centres for E.T. CIET, UGC, IGNOU, AVRC, EMRC, NIST- Their activity for the improvement of Teaching learning.
- Future Prives in E.T.

**Books Recommended-**

1. Allen Dwight and Kern Ryan Microteaching, Addison Pub. Co. London.
2. Amidou, Edmund J Interaction Analysis Theory, Research and John B. Hough and Application and Addition Wesley (1967) Pub. Co. Reading Massachusetts London.
3. Buch M. Band San Communication in Class Room. CASE, MS Thanam M.R. (1970) University Baroda 2
4. Passi, B.K. Becoming Better Teacher
5. Sharma, R.A. (1977) Technology of Teaching, Modern Pub Meerut
6. Sharma, R.A. (1981) Programmed Instruction, An Introduction Technology. International Pub. House Meerut.
7. Skinner B.F. (1969) Technology of Teaching, Maredeth Co-operative, New York.

**PAPER-V M.A. PREVIOUS (EDUCATION) PRACTICAL M.M. 100**

Optional Paper only Regular students May opt. Practical.

**Course Objectives**

This Practical work would enable the student to

1. Administer the Psychological tests to measure mental attributes.
2. Score the tests administered to measure attributes.
3. Interpret the collected data.

**Course Contents**

Any five of the Following Test experiments—

1. Administration and interpretation of scores of verbal and nonverbal test of intelligence or Bhatia Battery Performance Test of Intelligence.
2. Administration and Interpretation of T.A.T.
3. Administration and Interpretation of a test of Creativity.
4. Immediacy Memory span (visual and Auditory)
5. Span of Attention or span of Apprehension or Impact of Mental Set on Attention.

6. Code Learning or Learning by substitution or learning by Card sorting.
7. Mental Work and Fatigue.

**Books Recommended-**

1. Anastasi A- Psychological Testing, MacMillion Co. New York 1982.
2. Cronbach L.J. Essentials of Psychological Testing, Harper and Brothers New York.
3. Freeman, Franks Theory and Practice of Psychological Testing. New Delhi, Oxford and IBH Publis Pvt.
4. सिंह रामनयन- नैदानिक मनोविज्ञान कल्याणी पब्लिशर्स नई दिल्ली 1983
5. पाण्डेय वी०वी० मनोविज्ञानिक परीक्षण, वसुधारा प्रकाशन गोरखपुर
6. मिश्रा, आर० एम० शिक्षा में मनोवैज्ञानिक परीक्षण आलोचक प्रकाशन लखनऊ