

Nehru Gram Bhartai Vishwavidyalaya
Department of Education
Courses of Studies Under Semester System
M.A. Education Programme
Course Structure

M.A. Education of the Department of Education, Nehru Gram Bharti University shall be of Four semester duration. The structure of courses along with the contents and suggested readings are stated in the following:

M.A. Education Programme

First Semester-

Sl. No.	Paper	Title	Internal Assessment	External Assessment	Total	Credit
1	I	Philosophy of Education	20	80	100	4
2	II	Sociology of Education	20	80	100	4
3	III	Psychology of Education	20	80	100	4
4	IV	Practical Works				
		a. Philosophical Analysis	N.A.	50	100	2
		b. Sociological Survey	N.A.	50		
Total			60	340	400	14

Second Semester-

Sl. No.	Paper	Title	Internal Assessment	External Assessment	Total	Credit
5	V	Research Methodology and Statistics in Education	20	80	100	4
6	VI	Comparative Education	20	80	100	4
7	VII	Educational Technology	20	80	100	4
8	VIII	a. Psychological Testing	N.A.	50	100	2
		b. Rural Awareness	N.A.	50		
9	IX	Viva-Voce Examination (Internal & External)	N.A.	100	100	2
Total			60	440	500	16

Third Semester-

Sl. No.	Paper	Title	Internal Assessment	External Assessment	Total	Credit
10	X	Contemporary Issues in Education	20	80	100	4
11	XI	Educational Thinkers	20	80	100	4
12	XII	Educational Measurement & Evaluation	20	80	100	4
13	XIII	Practical Works a. Writing Research Proposal b. Paper Presentation or Participation in Seminar/Workshop/Symposium	N.A. N.A.	50 50	100	2
Total			60	340	400	14

Fourth Semester-

Sl. No.	Paper	Title	Internal Assessment	External Assessment	Total	Credit
14	XIV	Guidance & Counseling	20	80	100	4
15	XV	Teacher Education	20	80	100	4
16	XVI	Any One Optional from the following: a-Educational Administration & Management b-Environmental & Population Education c- Special Education d- Dissertation	20	80	100	4
17	XVII	a. Computer Work b. Book Review	N.A. N.A.	50 50	100	2
18	XVIII	Viva-Voce Examination (Internal & External)	N.A.	100	100	2
Total			60	440	500	16

Grand Total Marks= Semester I, Semester II, Semester III, Semester IV = 400+500+400+500 = 1800

Note:

- The duration of each semester and promotion to next consecutive semester shall be the same as per the University norms for semester system.

M.A. EDUCATION
First Semester
Paper - I
Philosophy of Education

Credit - 4

Unit-I

Meaning and Nature of Philosophy, Relationship between Philosophy and Education, Needs and functions of Philosophy in Education, Scope of Philosophy of Education, Approaches to Philosophy of Education.

Unit-II

Indian Philosophy:

Contribution of following Indian Philosophical thoughts to Educational Process and their relevance in the present context- Vedas, Upanishads, Gita, Sankhya and Buddhism.

Unit-III

- i. Naturalism
- ii. Idealism

Unit-IV

- i. Pragmatism
- ii. Realism

Unit-V

- i. Existentialism
- ii. Marxism

Suggested Readings

Butler :	Four philosophies: Their Practice in Education and Religion
Rusk :	Philosophical Bases of Education
Brubacher :	Modern Philosophies of Education
Horn :	Democratic philosophy of Education
Dewey :	Democracy and Education
Hocking :	Types of Philosophy
Radhakrishnan :	Indian Philosophy
Hiriyanna :	Outlines of Indian Philosophy

Russel : Education and Social Order
Russel : On Education
Kneller : Philosophy of Education
Conner : Introduction to the Philosophy of Education
Titus : Living Issues in Philosophy
Spencer : On Education
Ross : Ground Work of Educational Theory
Pandey, R.S. : Vishwa ke Srestha Shikshashastri
Pandey, R.S. : Shiksha ke Darshanik Sidhant
Lal, R.B. : Shiksha ke Darshanik evam Smajshastriya Sidhant
Pal, S.K., Gupta, L.N. evam M.M. : Shiksha Darshan
Gupta, L.N. evam M.M. : Mahan Bhartiya Shikshashastri

M.A. EDUCATION
First Semester
Paper - II
Sociology of Education

Credit – 4

Unit-I

ociology of Education: Meaning; Nature; Scope and Methods of Study; Educational Sociology and Sociology of Education.

Unit-II

The Society: Nature and Role Social Structure and Social Stratification, Social Class; Communication process; Role differentiation in Technological Society.

Unit-III

Culture: Definition, Characteristics of Indian Culture, Cross- Cultural approach to Education, Cultural Variation- Problems and Need for Adoption/Assimilation.

Unit-IV

Social Change And Education: Theories of Social Change, Factors and Agents of Social Change, Tradition and Modernity, Changing Family Structure, Role of Education in Social Change.

Social Mobility: The meaning of Social Mobility, Education and Social Mobility.

Unit-V

The State, Politics and Education: The Role of the State and Politics in Education.

Education of Socially and Economically disadvantaged; Social Equity; Equalization of Educational Opportunity; Education of Girl Child; Rural - Urban Divide - Efforts so far; Sectors of Gap.

Suggested Readings

Cook, L.A. & E.F. Cook :	A Sociological Approach to Education
Rugg & Wither :	Social Foundation of Education
Ashley, B.S. et al. :	An Introduction to the Sociology of Education
Musgrave, P.W. :	The Sociology of Education
Merrill, F.E. :	Society and Culture

Brown, F.J.:	Educational Sociology
Morrish, Ivor :	The Sociology of Education- An Introduction
Ruhela, S.P. & K.S. Vyas :	Sociological Foundation of Education in Contemporary India
Brenback, Cole.S. :	Sociological Foundation of Education
Prelins, A.P. & Parelins R.J. :	The Sociology of Education
Stalcup, R.J. :	Sociology and Education
Ottaway, A.K.C. :	Education and Society
Mishra, U. :	Shiksha ka Samajshastra
Chaubey, S.P. & Chaubey, A. :	Adhunik Shiksha ke Darshanik evam Smajshastriya Adhar
Lal, R.B. :	Shiksha ke Darshanik evam Smajshastriya Sidhant
Saxena, N.R.S. :	Shiksha ke Smajshastriya Adhar

M.A. EDUCATION
First Semester
Paper - III
Psychology of Education

Credit - 4

Unit-I

Psychology of Education: Meaning; Nature and Scope; Psychology of Education and Educational Psychology - Understanding the Concepts; Methods of Study.

Unit-II

Growth and Development: Meaning of Growth and Development; Theories of Growth and Development.

Principles of Psychological Development:

Childhood: Physical; Emotional; Cognitive and Moral Development.

Adolescence: Physical, Emotional, Cognitive and Moral Development Individual Difference – Its Implications in education.

Unit-III

Intelligence: Nature and Definition; Theories of Intelligence; Role of Heredity and Environment; Measurement of Intelligence; Individual and Group Performance tests of Intelligence.

Creativity: Nature of Creativity; Creativity and Intelligence, Types of Creativity; Theories of Creativity; Measurement of Creativity; Fostering Creativity in the Classroom.

Unit-IV

Personality : Meaning and Nature of Personality; Theories of Personality- Type Theories, Trait Approach; Type-cum-trait Approach; Eysenk's Classification; Freud's Psycho-Analytic Theory; Carl Roger's Self-Theory; Kelley's Theory of Personal Constructs.

Testing; Measurement and Assessment of Personality-Observation; Rating Scales; Multidimensional Tests and Projective Tests.

Unit-V

Nature and Theories of Learning; Nature of Learning; Definition; Theories of Learning: Thorndike's Theory of Trial and Error; Laws of Learning; Pavlov's Classical and Skinner's Operant conditioning; Theory of Insight Learning; Hull's Systematic Behaviour Theory; Lewin's Field Theory of Learning; Tolman's Sign Theory.

Motivation: What is Motivation? Theories of Motivation; Motivating Children to learn. Achievement Motive; Level of Aspiration; Classroom and Environmental Variable in Motivation.

Suggested Readings

Ausubel, D.P.& F.G. Robinson :	School learning: An Introduction to Educational Psychology
Allport :	Educational Psychology
Bischof :	Interpreting personality theories
Blum :	Psychoanalytical Theories of personality
Bass & Berg :	Objective Approaches to personality assessment
Holland Lindzey :	Theories of Personality
Dececco & Crawford :	The Psychology of Learning and Instruction
Gulati, S. :	Education for Creativity
Hilgard, E.R. :	Theories of Learning
Myres, D.G. :	Psychology (4 th Ed.)
Wadsworth, B.J. :	Piaget for the classroom
Slavin, R.E.:	Educational Psychology (5 th Ed.)
Vygotsky, L.S. :	Educational Psychology
Mangal, S.K. :	Advanced Educational Psychology
Gupta, S.P. & Gupta, A. :	Uchattar Shiksha Manovigyan
Pandey, R.S. :	Shiksha Manovigyan

M.A. EDUCATION
Second Semester
Paper - V

Research Methodology and Statistics in Education

Credit - 4

Unit-I

Educational Research: The Search for Knowledge. The Scientific Method; Purpose of Educational Research. The Role of Theory. Different Fields of Education and Identifying Problem in Areas of Concern.

Survey of Related Information: Importance and Purpose of Review. Primary and Secondary Sources their Importance and Uses, Writing review of a research papers/related literature. Evaluating and concluding review(s).

Unit-II

Forms of Research: Fundamental; Applied and Action Research.

Methods of Educational Research: (i) Descriptive Studies -Assessment Studies; Surveys; Trend Studies; Programme Evaluation (ii) Causal Comparative Research, (iii) Correlational Research (iv) Ex Post Facto Research (v) Internal and External Validity of an Experiment. Historical Research, Philosophical Research.

Unit-III

Research Design:

Meaning and Purpose; Research Design as a variance Control; Principle of Max-Min-Con (Maximization) of Experimental Variance; Minimization of Error Variance and Control of Extraneous Variance).

Experimental and Quasi Experimental Designs.

Hypothesis, Sampling and Tools in Educational Research:.

Unit-IV

Descriptive Analysis: Measures of Central Tendency and Dispersion Percentile and Quartiles.

The Normal Probability Curve: Practical Application of the Normal Curve, The Z Score and the T Score.

Measures of relationship: Pearson Product Moment, Coefficient of Correlation, Rank Order Correlation, Phi Correlation.

Unit-V

Inferential Analysis: The Significance of the Difference between the Means (i) Two independent Groups (ii) Two Correlated Samples.

The Significance of Difference between Percentages and two coefficients of correlation.

Analysis of Variance (One Way and Two Way)

Non Parametric Statistics: The Chi-Square Test; Mann-Whitney U Test; The Median Test & The Sign Test.

Suggested Readings

Young :	Scientific Social Surveys and Research
Good, Barr and Scates :	Methodology of Educational Research
Travers :	An Introduction to Educational Research
Verma, M. :	An Introduction to Educational and Psychological Research
Van Dalen :	Understanding Educational Research
Corey :	Action Research to Improve School Practices
Gage (Ed.) :	First Hand book of Researches on Teaching
Fox, D. J. :	The Research Process in Education
Tuckman :	Conducting Educational Research
Edwards, A.L. :	Statistical Methods of the Behavioural Sciences
Ferguson, G.A. :	Statistical Analysis in Psychology and Education
Garrett, H.E. :	Statistics in Psychology and Education
Guilford, J.P. :	Fundamental Statistics in Psychology and Education
Lindquist, E.F. :	Statistical Analysis in Educational Research
Siegal, S. :	Non-Parametric Statistics
Walker, H.M. and Lev, J. :	Statistical Reference
Lowrance, W. Newman :	Social Research Methodology : Qualitative and Quantitative approach
Koul, L. :	Methodology of Educational Research
Agarwal, Y.P. :	Statistical Methods
Best, J.W. & Kahn, J.V. :	Research in Education
Pandey, K.P. :	Educational Research

M.A. EDUCATION
Second Semester
Paper – VI
Comparative Education

Credit - 4

Unit-I

History and Development of Comparative Education

Comparative Education as a Discipline; Nature meaning and Scope of Comparative Education; Methods of Comparative Education- Descriptive, Socio-Cultural, Scientific and Statistical.

Approaches: Regional, National and International.

Unit-II

Factors influencing systems of Education: Geographical, Economic, Cultural, Linguistic: Racial; Historical and Ecological; Educational System under Democracy: Socialism, Humanism; Rationalism and Nationalism.

Unit-III

Comparative Approach to the Study of Educational Structures:

- (a) Primary Education in - USA, UK, Japan and India
- (b) Secondary Education (including Vocational) in USA, UK, Japan and India.
- (c) Higher Education (including Professional Education, Teachers Education) in USA, UK and India)
- (d) Distance and Open Education in USA, UK, Australia and India.

Unit-IV

Comparative Study of Following Problems with reference to India Illiteracy, Poverty; Universalization, Population Explosion; Unemployment; Economic growth; Quality and Excellence in Education.

Unit-V

Role of UNO in improving educational opportunities among the member Countries.

Various Official organs of UNESCO and their educational activities.

Recommendations of Delor's Commission Report on Educational Development and International Collaborations.

Suggested Readings

- Bearday : Comparative Methods in Education
- Hans : Comparative Education
- Kandel : Studies in Comparative Education
- UNESCO Website

M.A. EDUCATION
Second Semester
Paper – VII
Educational Technology

Credit - 4

Unit-I

Meaning, Nature, Scope and Significance of Education Technology; Theoretical Base of Educational Technology. Components of Educational Technology: Software, Hardware. Educational Technology and Instructional Technology,

Unit-II

Communication and Instruction Theory, Concept, Nature, Process, Classroom Communication, Mass Media approach in Educational Technology. Designing Instructional System.

Formulation of Instructional Objectives.

Task Analysis, Designing of Instructional Strategies such as Lecturer, Team teaching discussion, Seminar and Tutorials.

Unit-III

Teaching Levels, Strategies & Modes. Memory, Understanding and Reflective Levels of Teaching. Model of Teaching : Types; Meaning and Nature. Modification of Teaching behaviour- Flander's Interaction Analysis. Micro teaching, Simulation.

Unit-IV

Programmed Learning : Linear and Branching. Development of the Programmed instruction material. Teaching Machines. Computer Assisted Instruction, Researches in Educational Technology. Future Priorities in Educational Technology.

Unit-V

Educational Technology in Formal, Non-formal and Informal Education, Distance Education and Open Learning. Emerging trends in Educational Technology, Video tape, teleconferencing, CCTV, Virtual learning environment, CAI, INSAT-Problems of New Technologies. Evaluation and Educational Technology. Resource Centres for Educational Technology, CIET, UGC, IGNOU, NOS, State ET Cells, AVRC, EMRC, NIST etc. their activity for the improvement of teaching-learning.

Suggested Readings

Kulkarni, S.S. : Educational Technology

Mohanty, J. : Educational Technology

Sahoo, P.K. :	Open Learning System
Sahoo, P.K. :	Educational Technology in Distance Education
Mukhopadhyay, M. :	Educational Technology
Sampat, K.et.al. :	Introduction to Educational Technology
Sharma, M.L. :	Systems Approach- Its application in Education
Sharma, R.A. :	Educational Technology
Ved Nayagam, E.G. :	Teaching Technology for College Teachers
Joyce, B. and Weil, M. :	Models of Teaching
Plomp, T. (Ed.) :	International Encyclopedia of Educational Technology
Mahapatra, B.C. :	Information Technology and Education

M.A. EDUCATION
Third Semester
Paper – X
Contemporary Issues in Education

Credit - 4

Unit-I

Universalization Problems of Wastage and Stagnation : Factors and Suggestion.

Vocationalization Need, Recommendations of Kothari Commission : 10+2+3

System of Education.

Unit-II

Equal Access to Selective Higher Education

Higher-Level Delinking Degrees from Jobs, Autonomy and control in Higher Education.

Centralization Vs Decentralization: Characteristics, Advantages and Disadvantages.

Unit-III

Equality, Quantity and Quality: Equality of Educational Opportunity, Rapid expansion of Education: Factors and Challenges, Qualitative Education - Excellence and Accreditation.

Women Education: Status and efforts; Co-education, Education for Girls.

Unit-IV

Life Long Education: Open University, Distance Education, Correspondence Education, Adult Education, Social Education.

Integrating Technology into Educational System: Educational Broadcasting Radio and Television as Media of Mass Communication, On line education.

Unit-V

Values and their Teaching: Need, Ways and Means

Education: It's Role in National Integration and National Development, Privatization and Commercialization of Education.

Suggested Readings

1. Govt. of India, Education for National Development, Report of Education Commission, 1965-66 (Reprint NCERT, New Delhi 1971)
2. AICTE (1994) : Report of the Hash power committee for mobilization of additional resources for technical education, New Delhi.

3. Planning Commission, Govt. of India (2006) XI Plan working group on Higher Education (draft), New Delhi.
4. Govt. of India (2007), National Knowledge Commission report of the Nation 2006, New Delhi.
5. Chauhan, C.P.S. (1990) Higher Education in India, Ashish publishing house, New Delhi.
6. AIU (1995) Policies of Higher Education, New Delhi.
7. Pawar, K.B.(2002) Indian Higher Education, concept publishing house New Delhi.
8. Delor, et.al. (1996) Learning : The Treasure within Report of UNESCO, Paris

M.A. EDUCATION
Third Semester
Paper – XI
Educational Thinkers

Credit - 4

Unit-I

Plato and Rousseau

A critical understanding of the educational beliefs, logic and principles governing the views of the educational thinkers on aims, curricula, methodology of teaching and other important educational problem.

Unit-II

John Dewey and Bertrand Russell

A critical understanding of the educational beliefs, logic and principles governing the views of the educational thinkers on aims, curricula, methodology of teaching and other important educational problem.

Unit-III

Swami Vivekanand and Rabindra Nath Tagore

A critical understanding of the educational beliefs, logic and principles governing the views of the educational thinkers on aims, curricula, methodology of teaching and other important educational problem.

Unit-IV

Mahatma Gandhi and Sri Aurobindo

A critical understanding of the educational beliefs, logic and principles governing the views of the educational thinkers on aims, curricula, methodology of teaching and other important educational problem.

Unit-V

J Krishnmurti and Ghijjo Bhi

A critical understanding of the educational beliefs, logic and principles governing the views of the educational thinkers on aims, curricula, methodology of teaching and other important educational problem.

Suggested Readings

Plato :

The Dialogues, Translated by B.Jewett

Peter, W.H. :	Plato and Platonism
Loggee, Rupert C. :	Plato's Theory of Education in Republic of Plato
Winspears, Albinda :	The Genesis of Plato's Thought
Dewey, John :	Democracy and Education
Dewey, John :	Experience and Education
Ednan, Irwin :	John Dewey : His Contribution to the American Tradition
Graves, F.P. :	Great Educators of the three centuries.
Sri Aurobindo :	The Life Divine
	The Ideals Synthesis of Yoga
	The ideal of the Karmyoga
	The Human Cycle
	The Brain of India
	On Education
	A System of National Education
	The Renaissance in India
	The Message and Mission of Indian Culture
Andres :	Thoughts from Tagore
Pearson :	Shanti Niketan
Pandey, R.S. :	Vishwa ke Srestha Shikshashastri
Gupta, L.N. evam M.M. :	Mahan Bhartiya Shikshashastri

M.A. EDUCATION

Third Semester

Paper – XII

Educational Measurement and Evaluation

Credit - 4

Unit-I

Need and Importance of Educational Measurement and Evaluation. Taxonomies of Educational Objectives in Cognitive, Affective and Psychomotor Domains. Scales of measurement Norms Referenced and Criterion Referenced Tests; Formative and Summative Evaluation, Role of Evaluation, Models in Educational evaluation; Evaluation and curriculum.

Unit-II

Test Reliability-Variou types; Factors affecting it; improving reliability. Test Validity-Variou types and their uses.

Unit-III

Test Norms-Variou types and their uses. Development and standardization of a test; Steps of test development: Item analysis, Improving test quality through item analysis.

Unit-IV

Construction of Likert and Thurstone type Attitude scales.A study of at least two tools for measuring intelligence personality, Aptitude, Interest, Creativity.

Unit-V

Evaluation Programme, Institutional Programme Evaluation; Methods of Feedback to students. New Trends-Examination Reform, Grading system, Continuous Internal Assessment, Semester System, Question Bank, Use of Computer in Examination and Evaluation. T-Score, C-Score, Z-Score and Normalized score, Scaling, On line Examination, Examination on Demand.

Suggested Readings

Anastasi, A. :	Psychological Testing
Bloom, B.S. :	Taxonomy of Educational Objectives- Cognitive Domain
Bloom, et.al. :	Handbook on Formative and Summative Evaluation
Chiselli :	Theory of Psychological Measurement
Cronbach :	Essentials of Psychological testing
Ebel :	Essentials of Educational Measurement

Lehman : Measurement and Evaluation in Psychology and Education
Payne : Educational and Psychological Measurement
Srivastava : Reforming Examination
Thorndike and Hagen : Measurement and Evaluation in Psychology
Gupta, S.P. : Adhunik Mapan evam Mulyankan

M.A. EDUCATION
Fourth Semester
Paper – XIV
Guidance and Counseling in Education

Credit - 4

Unit-I

Guidance and Counseling: Types of Guidance; Educational, Vocational and Personal.

Meaning, Function, Nature and Principles of Guidance;

Guidance Personnel: Role of Different persons in the guidance programme.

Unit-II

Organising Guidance Services : Organisation of Guidance Services at different stages of Education; Programme Management Guidance in the Elementary School Guidance in the Secondary School; Principles governing Organization of Services; Kinds of Services - Appraisal information; Orientation; Placement, Counseling, Follow-Up, Evaluation.

Unit-III

Occupational Information: Sources, Collection Evaluation, Dissemination: Utility; Group Procedures of Guidance; Problems of Guidance Movement in India. Trends and Researches in Guidance and Counselling.

Unit-IV

Tools and Techniques of Guidance: (i) Records - different Kinds of Records and their relevance, (ii) Tools for Measuring Personality, achievement, Interest, Aptitudes, Intelligence, Creativity and their relevance, (iii) Communication appraisal result;

Unit-V

Theories and Types of Counselling/Counselling Techniques and Philosophy : Directive Counselling, Non-Directive Counselling, Eclectic Counselling, Group Counselling, Role of Interview in Counselling; Need and Demand for Counselling in the Context of present day Life-style; Technology- driven Indian Society, and Globalization.

Suggested Readings

Jaiswal, S.R.: Shiksha mein Nirdesan evam Paramarsh

Rai, Amarnath and Asthana, Madhu: Nirdesan evam Paramarsh

Kochhar, S.K. : Guidance and Counselling in Colleges and Universities

Miller, C.H. : Foundations of Guidance

Johns, A.J. : Principles of Guidance

Torrence, P.B. : Guiding creative Talents

Smith, G.E. : Principles and practices of guidance programme

Roeber, E.C. and Smith, C.E. Erickson: Organization and administration of guidance services

Strang, R. : Educational Guidance: its principles and practice

Mathewson, R.H. : Guidance Policy and Practice

Myers, G.E. : Principles and techniques of vocational guidance

Traxler, A.E. and North, R.D. : Techniques of Guidance

M.A. EDUCATION
Fourth Semester
Paper – XV
Teacher Education

Credit - 4

Unit-I

Evaluation and Development of Teacher Education in India. Meaning and Scope of teacher education, Objectives of teacher education at different levels.

Unit-II

Preparation of teacher for Pre-Primary, Primary and Secondary Stages. Professional preparation of teacher educators and educational administrators. Preparation of Teachers for the teaching of a particular subject (Language Math & Science) In-service training programmes. Post Graduate courses in Education, and innovation in teacher education.

Unit-III

Student teaching programmes. Pattern of Students teaching (inship, block teaching, teaching practice, off-campus teaching practices). Technique of teacher training, core teaching, micro-teaching analysis. Evaluation of students teaching.

Unit-IV

Trends in teacher education. Integrated teacher education programme. Comprehensive College of Education. SIE/SCERT/DIET/SIEMAT NCERT National Council for Teacher Education. Current Problems in Teacher Education. Practicing Schools in teacher Education. Teacher Education and Community. Implementation of Curricula of Teacher Education.

Unit-V

Research in the field of teacher education and their implication with respect of: Teaching effectiveness. Criteria of admission. Approaches to teaching.

Suggested Readings

Adaval, S.B.:	Quality of Teachers
Adaval, S.B.:	An Analytical Study of Teachers Education in India
Anderson, L.W. (Ed.):	International Encyclopedia of Teaching and Teacher Education
Dunhill, L.W. (Ed.):	A Teachers Training Manual
Faure Edgar, et.al.:	Learning to Be
Peterron, R.D.:	Teacher Education
Joyce, B. & Weil, M.:	Models of Teaching

McCarty, Donald, J.:	New Perspectives on Teacher Education
Passi, B.K. and Shah, M.M.:	Micro-Teaching in Teacher Education
Smith, B.O.:	Teacher for the Real World

M.A. EDUCATION
Fourth Semester
Paper – XVI (Optional) A
Educational Administration and Management

Credit - 4

Unit-I

Educational Administration and Management

- Meaning, Nature and Scope
- Functions
- Theories
- Total quality management in education: concept and nature

Unit-II

Planning and Finance in Education

- Meaning and need of educational planning
- Approaches to educational planning
- Kinds of educational planning: Perspective planning, Institutional planning
- Educational Finance: Meaning and Nature, Source of income and item expenditure

Unit-III

Supervision in education

- Meaning and nature of educational supervision
- Functions of educational supervision
- Planning & organizing supervisory programme
- Implementing supervisory programme

Unit-IV

Leadership in Education

- Meaning and nature of leadership
- Theories of leadership
- Styles of leadership
- Measurement of leadership

Unit-V

Specific trend in educational administration

- Decision making
- Organizational Development
- Programme evaluation and review of Techniques (PERT)
- System Approach

Suggested Readings

Bhatnagar, R.P. & Vidya Agarwal: Educational Administration & Educational Supervision

Bush, T.:	Theories of Educational Management
Krinbal wiles and lorel:	Supervision for Better School
Kimbrough and Nunnery:	Educational Administration
Mishra, Atmanand:	Educational Finance
Mukhopadhyay, M.:	Total Quality Management in Education
Naik, S.P.:	Planning Education in India
Saxena, S.:	Educational Planning in India

M.A. EDUCATION
Fourth Semester
Paper – XVI (Optional) B
Environmental and Population Education

Credit - 4

Unit- I

- Environment and Ecology: Meaning and definition
- Relationship between Man and Environment
- Meaning and types of environment pollution (Air, Water, Noise, Soil)
- Causes of Pollution and its effect on living environment

Unit-II

- Environment education: meaning, aims, needs and scope of environmental education
- Approaches of environmental education- interdisciplinary model and multidisciplinary model
- Method of environmental education
- Role of universities, Media and NGOs in environmental education

Unit- III

- Features of curriculum for environmental education
- Need for teachers training in environmental education
- Impact of population growth on environment and peoples peace
- Factors affecting population growth (with special reference to India)

Unit – IV

- Population in relation to: socio-economic development, health services, nutrition and education
- Population education: Meaning, aims, need, scope and area of population education
- Methods of population education

Unit – V

- Features of curriculum for population education
- Role of teachers in population education
- Problems of Population education and its remedies

Suggested Readings

- Nanda, V.K.: Environmental Education (Anmol Publication)
- Trivedi, P.R. : Environmental Education (Aph Publication)
- Gopal, G.V & Anand, V.V.: Environmental Education in school an overall perspective of NCF 2005- A Resume (Regional Institute of Education)
- Sharma, R.A.: Environmental Education (Surya Publication, Meerut)
- Srivastava, K.K.: Environmental Education (Kanishka Publishing House, New Delhi)
- Detwlyer, T.R.: Man's Impact on Environment (Mc Graw-Hill, New York)
- Detwlyer, T.R. & Marcus, M.G.: Urbanization and Environment: The Physical geography of city (Duxbuy Press California)
- Gregory, K.T.: Man's and environment process (Butterworths, London)
- Furley, P.A. & Newey: Man and Biosphere (Butterworths, London)
- Arvill, R.: Man and Environment crisisand the strategy of choice (penguin)
- Singh, Savindra: Environmental Geography (Prayag pustak bhavan, Allahabad)
- Calhoun, J.B.(ed.): Education and Population
- Cruz, L de la: Population Education: its nature and role (Rue A P Bangkok, UNESCO)
- N.C.E.R.T.: Population Education- A conceptual framework, NCERT, New Delhi
- Mohanty, S.C.: Population Education
- Chandil, N.P.S.: Population Education
- Salkar, K.R.: Population Education for developing countries
- Upadhyay, P.: Bhartiya shiksha ki Naveen Pravritiyan

M.A. EDUCATION
Fourth Semester
Paper – XVI (Optional) C
Special Education

Credit - 4

Unit-I

Concept Need and Scope of special education :

Brief History and scope of special education in India. Government policies and legislations regarding special education with special reference. [to recommendations of NPE, 1986; POA, 1992 and PWD (persons with disability) Act, 1995; National Institutes of handicapped and the role of Rehabilitation Council of India]; Issues in special education and administration of special education.

Unit-II

Exceptional Learners:

Concept, Identification, causes, psychological and behavioural characteristics and educational programmes for different types of exceptional children e.g. mentally handicapped, visually impaired, hearing impaired acoustically handicapped, locomotor impaired and the gifted

Unit-III

Reliability, Validity and Norms of tools.

Unit-IV

Development and standardization of a test-steps of test development with an emphasis on item analysis, Improving test quality through item analysis. Construction of Likert and Thurstone type Attitude scales.

Unit-V

A study of some tools for measuring intelligence personality, Aptitude, Interest, Creativity.

Evaluation Programme, Institutional Programme, Methods of Feedback to students.

Suggested Readings

Baker:	Introduction to Exceptional Children
Blackhurst and Berlding:	An Introduction to Special Education
Cruickshank:	Education of Exceptional Children and Youth
Gearheart:	Education of Exceptional Child

Kauffman:	Exceptional Children
Kirk:	Educating Exceptional Children
Magnifico:	Education for the Exceptional Children and Youth
Payne:	Exceptional Children in Focus
Udai Shanker:	Exceptional Children