

# **Curriculum Framework M.Ed. - First Semester**

**AL ECONOMY OF EDUCATION  
SEMESTER - I**

**Marks: 100**

**Objectives:**

**At the end of this course the student will be able to:**

- understand the need and importance of the History of Education.
- critically analyze the Policies and Commissions and its implication on the Educational system
- appreciate relationship between Education and Political System
- understand the role of Education in Economic Development
- analyse the challenges before Education due to Globalization.

**Unit - I: History of the Education System in India [10 hrs]**

History of Education Need and Importance – Education in Ancient, Medieval, Modern India. Constitutional provisions related to Education. Nature of the Indian Educational system – Merits and Demerits.

**Unit - II: Political Ideologies and Education [10 hrs]**

Education in relation to national integration and international understanding. Democracy: Meaning, Values, Main features of democratic Education, aims, curriculum methods of teaching and School administration.

**Unit - III: Economics of Education. [10 hrs]**

Education as investment, consumption and welfare activity. Economic demand vs social, cultural and political demand for Education. Concepts of Physical Capital, Human Capital and Human Resources and their distinctive features.

**Unit - IV: Education Socialization [10 hrs]**

Process of Socialization, Social stratification and Education, Social Mobility and Education. Inter - relationship between Education and Social variable, Education for women, Education and culture, Education and religion, Caste, Gender. Education for Weaker Sections and minorities Education and inequality - rural and urban differences.

**Unit - V: Globalization and Education [10 hrs]**

Nature of Globalization - GATS, WTO; Social, Economic, Cultural, Political. Globalisation and Challenges before Education at different levels. Development and Education - Restructuring Education at different levels due to Globalisation. Impact of Globalisation on Knowledge, Skill and attitude.

**Practical Oriented Assignment:**

- Trace the historical hallmarks of Indian Education till date with its salient feature. (Compulsory)

**Any one of the following**

- A Study on cost of Education at various levels of Education.

- Prepare a report on the major contribution of GATT & WTO.

**References:**

- Aggarwal, J.C. (2004) *Development of Education System in India*. New Delhi: Shipra.
- Aggarwal, J.C. (2004) *Modern Indian Education*. New Delhi: Shipra.
- Banerjee, J.P. (1979) *Education in India: Past, Present, Future*. Calcutta: Gupta and Co. (Pvt.) Ltd.
- Sharma, R L. (2006) *Comprehensive History of Modern Education*. New Delhi: Cyber Tech Publications.
- Sharma,S. (2005) *History and Development of Higher Education in free India*. Jaipur; ABD Publishers.
- Shrimali, K.L. (1965) *Education in Changing India*. Bombay: Asia Publishing House.
- Shrimali, K.L.(1961) *Problems of Education in India*. New Delhi: Publications Division Govt. of India.
- Shrivastava, B.D. (1963) *The Development of Modern Indian Education*. Calcutta: Orient Longmans.

**EDUCATION FOR KNOWLEDGE CONSTRUCTION  
SEMESTER - I**

EKC
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**Marks: 100**

**Objectives:****On completion of this course the students will be able to:**

- describe the meaning and identify the different ways of knowing
- appreciate constructivist approach to knowledge construction
- understand the foundations of knowledge acquisition
- understand the methodology of organising knowledge
- examine critically the contemporary challenges that arise from vision of school education.
- discuss the issues and concerns of Support Systems of Education.

**Unit - I: Education for Knowledge Construction. [10 hrs]**

Knowledge: Meaning and Definition, Knowing and knowledge. Process of knowing and ways of Knowing, Forms and characteristics of Knowledge, facets of knowledge. - Process of knowledge construction: Essentials for construction of knowledge, the process of constructivism, guiding principles of constructivist learning and Education. Procedure of bridging the gap in the process of knowledge construction between Theoretical knowledge and practical knowledge. Role of the teacher in the process of Knowledge construction.

**Unit - II: Foundations of Knowledge Acquisition [10 hrs]**

Knowledge as an entity of Education – Epistemology as the basic theory of knowledge - Dimensions of Epistemology (Virtue, Naturalistic, Religious, Moral, Social and Feminist) - Knowledge as opinion, truth, belief and justification - Foundations of knowledge: Intuitive, Reasoning and Sense experience – Approaches: Rationalism and Empiricism – Knowledge as Forms, Models, Objects, Symbols and Imagery - Sources of knowledge: Perception, Introspection, Memory, Reason and Testimony .

**Unit - III: Methods of Knowledge Organisation [10 hrs]**

Knowledge analysis: knowledge by propositions, acquaintance, description – Curriculum as a repository of knowledge – Characteristics of curricular knowledge: content-oriented, learning-centered, integrated alignment of skills, abilities, activities, studies and investigation (assessment) – Curriculum as a source of knowledge creation, regulation and organisation. Implications for curriculum and practice: collaboration, and multiple interpretations and manifestations.

**Unit - IV: Contemporary Challenges in Education [10 hrs]**

Aims of Indian Education in the context of a democratic, secular, egalitarian and a humane society. Transformation of national aspirations into educational goals / aims of education, its linkage with curricular decisions, teaching - learning process and pedagogy for different stages of Education. Education as a system influenced by social, cultural, political, economic, and technological factors. Equity, Access and Quality in Education.

**Unit - V: Support Systems of Education**

**[10 hrs]**

Meaning, Principles and guidelines in organising the support systems .Manpower resources, financial resources and infrastructure resources , Role, involvements, issues related to control and autonomy of different agencies of state and central government, NGO's, media and technology. Support services of teacher organisations, family and local community. Learner support systems.

**Practical Oriented Assignment**

- Prepare a report by discussing the various ways through which you can help students to construct their knowledge. (give examples) **(Compulsory)**

**Any one of following:**

- Critically analyse on epistemological differences between knowledge & skill, teaching & training, Knowledge & information, Reason & belief and prepare a report.
- Discuss the implications of major shift from traditional learning approach to constructivist learning.

**References:**

- Agarwal, J. (2005). *Educational Technology*. New Delhi: APH Publishing.
- Banarjee, A.C. (2007). *Philosophical and Sociological foundation of Education*. Delhi: Independent Publishing Company.
- Bank, W. (1999). *Knowledge for Development*. New York: Oxford University Pres.
- Beyer, L.E. (Ed.) (1996) *Creating democratic classrooms: The struggle to integrate theory and Practice*. New York: Teachers College Press.
- Butchvarov, P. (1970) *The Concept of knowledge*. Evanston, Illinois, North Western University Press.
- Dash, B.N. (2004). *Education and Society*. New Delhi: Dominant Publishers and Distributors.
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- Delors, Jacques, et al; (1996). *Learning: The Treasure within report of the international Commission on Education for 21st century*, UNESCO.
- Dewey, J. (1916/1977): *Democracy and Education: An Introduction to the Philosophy of Education*. New York: Macmillan.
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- Kaushik Vijaya Kumari, S. S. (2004). *Education Theory and Practice*. New Delhi: Anmol Publication Pvt. Ltd.
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- Mirunalini, T. (2008). *Philosophical Foundations of Education*. Hyderabad: Neelkamal Publications.
- Mishra, M. (2007). *Philosophical and Sociological Foundation of Education*. New Delhi: Alpha Publication.
- Mittal,M.L. (2005). *Education in Emerging Indian Society*. Meerut: International Publishing House.

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- Rdhakrishnan, S. (2004). *History of Philosophy-Eastern and Western*, Volume II. George Allen and Unwin Ltd.
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- Seethuraman. (1989). *Philosophies to Teacher and Education in the Emerging Indian Society*. Ashish Publishing House.
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- Sharma, R. (2004). *Text Book of Educational Philosophy*. New Delhi: Kanishka Publishers.
- Shrivatsava, K.K. (2003). *Philosophical foundation of Education*. Delhi: Kanishka Publishers.
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- Singh, B. (2004). *Modern Educational Theory and Practice*. New Delhi: Anmol Practice.
- Singh,Y.K. (2006). *Philosophical Foundation of Education*. New Delhi: APH Publishing Company.
- Srinivasa,S. & Swarnalatha .R. (2009). *The Philosphy of Education*. Chennai: T.R.Publication.
- Talsera, H. (2004). *Managing Educational Challenges - a global view*.
- Talwar,M.S & Banakanal.V.A. (2009). *Philosophical and Sociological Perspectives in Education*. New Delhi: Centrum Press.
- Venkataish,S. (2004). *Restructuring of Teacher's Work*. New Delhi: Anmol Publishing.

**INTRODUCTION TO RESEARCH IN EDUCATION  
SEMESTER - I**

<b>IRE</b>
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**Marks: 100**

**Objectives:****At the end of course the Students will be able to:**

- describe the nature, purpose, scope, areas, and types of research in Education.
- identify the research problems and conduct a literature search for research purposes
- understand the meaning of hypotheses and formulate the hypotheses
- explain sampling and sampling strategies
- prepare the Research Proposal.
- distinguish the characteristics of qualitative and quantitative research
- construct appropriate tests and tools for Research in Education.
- statistically analyse the data collected.

**Unit - I: Research in Education: Conceptual Issues****[8 hrs]**

Research: Meaning and Definition: Research as a scientific approach: Objectives of Educational Research: Scope and Need for Educational Research, Types of Research: Basic research, Applied research and Action research. Difference between Basic or Fundamental research, applied research and action research. Exploratory Research, Descriptive Research, Causal Researches in Education. Plagiarism, Ethics in Research, Problems faced in Educational Research - Qualities of a Researcher.

**Unit - II: Major Steps in Research****[12 hrs]****a) Formulation of Research Problems**

Defining a Research Problem - Selection of the Problem, Sources of the Research Problem - Criteria for selecting a problem - Statement of the Problem - Research questions in qualitative and quantitative research - Delimitations of the Problem.

**b) Framing of Hypotheses**

Hypothesis: Meaning, Purpose and role of Hypotheses, Framing of hypotheses-Classification of hypotheses. Testing of Hypotheses.

**c) Sampling**

Nature of Sampling - Importance of Sampling - Different Types of Sampling Techniques, Probability, Non probability Sampling; Sampling Design.

**d) Preparation of Research Proposal**

Role of Related literature on a Research Project, Need and importance of review of related literature., Preparation of Research proposal, Framework of the research proposal and strategies for writing the research proposal.

**Unit - III: Research Methods****[10 hrs]**

Quantitative Research - Normative Survey, Descriptive Research, correlation Studies, developmental studies: cross - sectional studies, longitudinal studies, Trend analysis, Analytic and causal - Comparative Studies.

Qualitative Research - Meaning, steps and characteristics - Case Studies, Historical Research-meaning, significance and steps, Primary and secondary sources of information, External and internal criticism of the source, Content Analysis.

**Unit - IV: Tools and Techniques**

**[10 hrs]**

Criteria for selection of tools - Factors related to the construction of tools.

Quantitative Research tools - Numerical data analysis, Statistical Application Analysis. Observation (coded and structured form). Interview (rating for responses form). Data managing: Creating, Classifying and Organising data. Surveys (Face-to-Face, Telephone, Online and other Analytical Techniques). Questionnaires. Psychometric test forms (Achievement, Attitude, Aptitude, Interest, Personality tests etc. - tests covering paper-pencil, type and non-interpretative in nature) (Likert, Thurstone forms).

Qualitative Research tools - Interview (interpretative forms), Focus-group discussion/testing, Observation (inquiry and interpretative forms), Case-study, Autobiography, Recording, Interpretative surveys, Self-reporting analysis, Ethnography, ethno-methodology.

**Unit - V: Fundamentals of Educational Statistics**

**[10 hrs]**

Nature of Data: Quantitative and Qualitative data, continuous and discrete data primary and secondary data. Measurements scales: Nominal, Ordinal, Interval and ratio scales Organisation and Tabulation of Data - Classification and Frequency Distributions - Graphical Representation - Histogram, Frequency Curve, Frequency Polygon, Ogive, Pie diagram and Overlapping Distribution. Measures of Central Tendency - Mean, Median, Mode - Calculation, Interpretation and Uses. Measures of Variability-Range, Quartile Deviation, Average Deviation, Standard Deviation - Linear Correlation: Its Meaning and Uses – Co-efficient of Correlation - Rank Difference Method, Pearson's Product Moment Method- Calculation, Interpretation and Uses. Further Methods of Correlation: Biserial Correlation – Point biserial Correlation, Tetra choric and Phi Correlation

**Practical Oriented Assignment**

- Preparation of a Research Proposal. (Compulsory)

**Any one of the following**

- Development of a suitable tool in Education
- Descriptive Analysis of the mark list of Students

**References:**

- Aggarwal, Y. P., (2004). *The Science of Educational Research*. New Delhi: Oscar Publications.
- Clifton, F. Conrad and Ronald C. Serlin, (2011). *Research in Education*. New Delhi: Sage Publication India pvt.Ltd.
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- Good, C. V. (2006). *How to do research in education*. New Delhi: Cosmo Publications International.
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- Nagarajan (2005). *Elementary Statistics*. Chennai: Ram Publishers.
- Radha Mohan, (2004). *Research Methods in Education*. Hyderabad: Neelkamal Publications.
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- Sharma, S.R., (2003). *Problems of Educational Research*. New Delhi: Anmol Publications Pvt. Ltd.

**PERSPECTIVES IN TEACHER EDUCATION**  
Semester – I

<b>PTE</b>
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**Marks: 100**

**Objectives:****At the end of the course the students will be able to:**

- examine the nature and objectives of Teacher Education.
- critically examine the growth and development of Teacher Education in our country.
- understand teacher preparation programme at all levels
- discuss the concept and importance of in-service teachers faculty improvement programme.
- critically examine the role and contribution of various regulatory bodies and support institutions for improving quality of Teacher Education.
- reflect on the functions and roles of regulatory bodies in Teacher Education.
- appreciate the innovative practices that are adapted by Teacher Education Institutions.

**Unit - I: Teacher Education: Historical Perspectives [10 hrs]**

Teacher Education: Concept, Nature, Objectives and Scope - Development of Teacher Education in India - Ancient and Medieval period, Buddhist period, British period, Pre-independence period and post – independence period- New experiments in education and its implications to Teacher Education- life skills education, e-learning, inclusive education

**Unit - II: Pre-service Teacher Education: Structure and Components [10 hrs]**

The structure of Teacher Education curriculum and its vision in curriculum documents of NCERT (2009) and NCTE (2015) - Pre-service Teacher Education for various levels (Pre-Primary, Primary, Secondary, Higher Secondary) nature and differences. Modes of Pre-service Teacher Education – face-to-face, and distance mode - relative merits and limitations.

**Unit - III: In Service Teacher Education: Concept, Planning and Organisation [10 hrs]**

Concept and need for professional development of a teacher: Planning in-service Teacher Education Programme – preliminary considerations of purpose, duration, resource requirements, and budget: Designing In-service Teacher Education Programme - Assessment of training needs, formulation of training curriculum, preparation of course material - Organizing and Implementing In-service Teacher Education Programme - arrangement, preparation, facilitating participation, collecting feedback and evaluation. Agencies for In-service Education: Institutional Programmes, S.I.E., D.I.E.T., N.C.T.E., N.C.E.R.T., Human resource center, Extension service Department.

**Unit - IV: Agencies of Teacher Education: Role and Functions [12 hrs]**

National or Central Level Agencies: UGC, NCERT, NCTE, NUEPA, NAAC, MHRD, National Curriculum Frame Work for Teacher Education (NCFTE).

State Level Agencies: State Board of Teacher Education (SBTE) – Functions of SBTE, University departments of Teacher Education, (UDTE) Functions of University Departments of Teacher Education, SCERT

**Unit - V: Teacher Education: Innovative Practices**

**[8 hrs]**

Cooperative and Collaborative Teacher Education-Constructivist and Reflective Teacher Education- Competency based Teacher Education-Systems approach to Teacher Education. ICT integrated Teacher Education,

**Practical Oriented Assignment**

- Write a report on the following topic:  
“Constructivist methods a teacher can adopt in the classroom to enhance a student’s knowledge adding to the curriculum” (compulsory)

**Answer any one:**

- Write a research report on:  
The changes in curriculum and teaching methods in the schools in the last 10 years”  
The report has to be based on the views of a minimum of 5 teachers who have an experience of over 10 years.
- Identify, analyse and reflect on the multidimensional nature of the roles of the teacher and the teacher educator.

**References:**

- Jagannath Mohanty. (2008). *Dynamics of Teacher Education*. Hyderabad: Neelkamal Publications Pvt. Ltd.
- Jagdish Prasad Sharma. (2009). *Teacher Education*. New Delhi: Centrum Press.
- Promila Sharma. (2010). *Teacher Education*. New Delhi: APH Publishing Corporation.
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- Shrivastave, R. C. & Base K. (1973). *Theory & Practice of Teacher Education In India*. Allahabad: Chugh Publication.
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# **Curriculum Framework M.Ed. - Second Semester**

**PHILOSOPHY OF EDUCATION  
SEMESTER - II**

PEN

**Marks: 100**

**Objectives:**

**At the end of the Semester the students will be able to**

- acquire knowledge of the basic concepts of Philosophy of Education, the relationship between Education and Philosophy.
- understand the perspectives of the Eastern Schools of Philosophy.
- understand the different perspectives of the Western Schools of Philosophy.
- understand and appreciate the contribution made to Education by Eastern and Western thinkers.
- acquaint with the knowledge of the Contemporary Schools of Philosophy.

**Unit - I: Introduction to Philosophy of Education.**

**[10 hrs]**

Philosophy: Meaning, concept, scope, nature, Branches of Philosophy: Metaphysics, Epistemology, Axiology and Education. Education: Meaning, definition and nature. Relationship between Philosophy and Education. Need and importance Philosophy of Education. Scope and Functions of Philosophy of Education. Significance of Philosophy of Education with respect to different aspects such as aims, methods, curriculum, discipline and the role of the teacher.

**Unit - II: Perspectives of Philosophy in Education**

**[10 hrs]**

Indian Schools of Philosophy: Heferodox - Charvaka, Budhism, Jainism, Orthodox - Sankhya, Yoga, Nyaya, Vaisesika, Mimamsa, Vedanta and their educational implications - Islamic Philosophy of Education and its educational implications - Christian Philosophy of Education and its educational implications.

**Unit - III: Perspectives of Western Philosophy of Education**

**[10 hrs]**

Idealism, Naturalism, Pragmatism, Realism and their educational implications with special reference to the concept of knowledge, reality, values and their educational implications with respect to aims, methods, curriculum, discipline and the role of the teacher.

**UNIT - IV: Contribution of Indian and Western Thinkers to Education**

**[10 hrs]**

Western Philosophers: Socrates, Plato, Aristotle, St. Thomas Aquinas, St. Augustine, John Dewey, Maria Montessori, Froebel and Ivan Illich - **Indian** Philosophers: Gandhi, Tagore, Sri Aurobindo, Vivekananda, J. Krishnamoorthi and Dr. Radhakrishnan.

**Unit - V: Contemporary Schools of Philosophy**

**[10 hrs]**

Logical Positivism, Humanism, Existentialism, Dialectical Materialism, Essentialism, Eclecticism, Feminism and their educational implications with respect to aims, methods, curriculum, discipline and the role of the teacher.

**Tasks and Assignments:**

- Small group Discussion on the importance of the knowledge of Philosophical perspectives for the teacher educator with suitable examples and prepare a report. (Compulsory)

**Attempt any one of the following:**

- Express your thoughts and reflections on Western Philosophical schools and their relevance to present day Indian Education.
- Critically review a book written by an Indian Educationist.

**References:**

- Banarjee,A.C. (2007). *Philosophical and Sociological foundation of Education*. Delhi: Independant Publishing Company.
- Dash ,B.N. (2004). *Education and Soceity*. New Delhi: Dominant Publishers and Distributors.
- Dash,B.N. (2005). *A New Approach to Teacher and Education in the Emerging Indian Society*.
- Habib,S. (2008). *Philosophy of Education*. New Delhi: Independant Publisng Company.
- *In search of our Nationalist Roots for a Philosophy of Education*. (2003). Kolkata: Ramakrishna Mission Institute of Culture.
- Kaushik Vijaya Kumari, S. S. (2004). *Education Theory and Practice*. New Delhi: Anmol publication.
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- Mishra, M. (2007). *Philosophical and Sociological Foundation of Education*. New Delhi: Alpha Publication.
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- Venkataish,S. (2004). *Restructuring of Teacher's Work*. New Delhi: Anmol Publishing.
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- Sindu(2005). *Philosophical and Historical Basis of Education*, International Publishing House, Meerut.

**SOCIOLOGY OF EDUCATION  
SEMESTER - II**

SEN

**Marks: 100**

**Objectives:**

**At the end of the semester the students will be able to**

- develop understanding of Educational Sociology
- understand Social Stratification, social organization, social mobility and their impact on Education.
- understand the relation between Education and social change
- understand Multicultural Education
- examine education from different sociological perspectives and Theoretical frameworks

**Unit - I: Sociology and Education**

**[10 hrs]**

Educational Sociology: concept, nature and scope - Relationship between Sociology and Education with special reference to aims of education, methods and curriculum. Concept and nature of Sociology of Education, Difference between Sociology of Education and Educational Sociology; Social agencies of Education: home, school, community, religion and state.

**Unit - II: Social Stratification and Social Mobility**

**[10 hrs]**

Education and Social Stratification, Theories of Social Stratification - Functionalist and Conflict Theory. Social Mobility - Role of Education in Social Mobility, Social organization: meaning, nature and Characteristics, Social groups: Meaning, significance and types. Inter group relationships.

**Unit - III: Social - change and Education**

**[10 hrs]**

The Individual and Society, Mutual Needs of the Individual and Society, Social change and Education. Constraints of social change in India, Education as a Construct of Social change, Meaning of social change, factors influencing social change, (with special reference to India), Role of education in promoting desired social changes. Social control and Education, Symbolic Interactionism.

**Unit - IV: Multi - cultural Education**

**[10 hrs]**

Multi-cultural education: meaning, concept, need and scope, principles of teaching and learning in multi-cultural society. Dimensions of Multicultural Education (Content Integration, Knowledge Construction, Equity Pedagogy, Prejudice Reduction, School Culture), Approaches to Multi Cultural Education (Culturally Different, Human Relation, Single Group Study, Multicultural Education, Social Reconstructionist), Re-conciliation of Traditional and Technological culture. Role of education in the multi- cultural context.

**Unit - V: Sociological Developmental Perspectives**

**[10 hrs]**

Social theorists: Auguste comte, Emile Durkheim, Karl Marx, Max Weber, Contemporary Sociological Perspectives: Conflict Perspectives, Social Action Perspectives – Implications in Education.

**Tasks and Assignments:**

- Local Community survey – {Literacy rate among boys and girls – Access, Continuity, Dropout, entry, pass percentage, child marriages, child labour, etc.} and prepare a report. (Compulsory)

**Attempt any one of the following**

- Study the diversities existing in the community and describe the root causes for the same.
- Critically analyse a Sociologist of your choice and present your views.

**References:**

- Banarjee, A.C. (2007). *Philosophical and Sociological foundation of Education*. Delhi: Independant Publishing Company.
- Banks, J. (2004). Approaches to multicultural curriculum reform. In J. Banks & C. Banks (Eds.),
- Brocke - Utne, B. (1985) *Educating for peace: A feminist perspective*. New York: Pergamon Press.
- Brookover,W.B, and Erickson. E. L. (1973) *Sociology of Education* Illinois: The Dorsey Press.
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- Dash, B.N. (2004). *Education and Soceity*. New Delhi: Dominant Publishers and Distributors.
- Hallinan,M.T.(ed) (2000) *Handbook of The Sociology of Education*. USA: Springer.
- Hunt,M.P. (1973) *Foundation of Education Social and Cultural Perspectives*. New York:Halt,Rinehart and Winston..
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- Mirunalini,T. (2008). *Philosophical Foundation of Education*. Hyderabad: Neelkamal Publication.
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- Mohanty, Jagannath (2005) *Teaching of Sociology* New Trends and Innovations. New Delhi: Deep and Deep Publication Pvt. Ltd.
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- Siddiqui,M.H. (2009). *Philosophical and Sociological Perspective in Education2*. New Delhi: APH Publishing Company.
- Singh, Y. K. (2009) *Sociological Foundation of Education*. New Delhi: A.P.H Publishing Corporation.
- Talwar,M.S & Banakanal.V.A. (2009). *Philosophical and Sociological Perspectives in Education*. New Delhi: Centrum Press.



**CURRICULUM DEVELOPMENT AND INSTRUCTIONAL TECHNOLOGY**  
**SEMESTER - II**

CDT
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**Marks: 100**

**Objectives:**

**At the end of the semester the students teacher will able to**

- understand the concept and foundations of curriculum.
- identify the types of curriculum designing.
- describe the principles, process and models for curriculum development.
- know the nature and scope of instructional technology.
- acquaint with the approaches to instructional technology and teleconferencing.
- effectively use technology in the teaching learning process.
- design the instruction and mode of transaction based on technology.
- incorporate technology into the curriculum.

**Unit - I: Foundations of Curriculum****[10 hrs]**

Curriculum - meaning, definition and need for Curriculum- Curriculum and syllabus - Curriculum and Instruction - Foundations of Curriculum - Philosophical, Sociological and Psychological foundations of Curriculum- Humanistic curriculum: characteristics, purpose, role of the teacher, psychological basis of humanistic curriculum -Domains of Curriculum: objectives, content, learning experiences.

**Unit - II: Curriculum Process****[10 hrs]**

Curriculum Planning - Phases of Curriculum Development - Need Analysis - Objectives - Content Organisation. Curriculum Design - Horizontal, Vertical - Sources of Curriculum Design - Types of Curriculum design - Subject, Student, Problem Centered

**Unit - III: Curriculum Development Models and Curriculum Evaluation****[10 hrs]**

Technical / Scientific Models: Ralph. w. Tyler - Hilda Taba Hankin's Developmental model. Non - Scientific Models; Gerald Weinstein and Fantini Model - Corl Rogers Model - Dider Noye Model. Evaluation of Curriculum - Robert Stake's congruence - contingency model - CIPP (Context, Input, Process and Product) model - Tylerian objectives based model.

**Unit - IV: Instructional Technology****[10 hrs]**

Concept and scope of Instructional Technology - Difference between Technology of Education and Technology in Education - Approaches to Instructional Technology: Hardware Approach, Software Approach and System Approach - Radio and Television Educational Programmes - Teleconferencing and its types - Recent trends in Instructional Technology: Flipped Classroom - Virtual and Remote Laboratories - 3D Printing - Massive Open Online Course (MOOC) - Learning Management System - Cloud Computing - Blended Learning.

**Unit - V: Integrating Technology in Curriculum Transaction****[10 hrs]**

Transactional usage of Instructional Technology: Integrated, Complementary, Supplementary, Standalone - Technology Integrated Instructional Design - Instructional technologies used in

Class Room - Use of Documentaries, Animation Films and CCTV in Instruction and Training - Technologies used in Open and Online Modes of Education.

**Tasks and Assignments**

- Preparation of a curriculum in Yoga/ Environmental education/ Value education

**Attempt any one of the following**

- Prepare a report on National Curriculum Frame work 2009.
- Visit a school that use any latest technology and collect details.

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- Das, R. C. (1993). *Educational Technology – A Basic Text*, New Delhi: Sterling Publishers.
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- Siddiqui, M. H. (2008). *Models of Teaching*. New Delhi: APH Publishing Corporation.
- Singh, Y. K. (2008). *Instructional Technology in Education*. New Delhi: APH Publishing Corporation.
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**PSYCHOLOGY OF LEARNING AND DEVELOPMENT  
SEMESTER - II**

PLD

**Marks: 100**

**Objectives:**

**At the end of this course the students will be able to**

- understand the basic concepts and scope of Educational Psychology.
- appreciate the contribution of various schools of Psychology in Education.
- understand the social, moral and emotional development of learners.
- acquaint with the perceptual process, attention, concept formation and thinking.
- apply the cognitive processes to enhance teaching learning process.
- comprehend the theories of learning and their utility in the learning activity.
- apply the knowledge of personality theories for understanding the individuals.
- apply the concept of adjustment and maladjustment in the teaching learning process to suit individual needs.

**Unit - I: Nature and Scope of Educational Psychology [8 hrs]**

Educational Psychology: Nature and Scope of Educational Psychology - Relevance of Educational Psychology in Teaching and Learning process- Major schools of Psychology and their contribution to education-Structuralism, Functionalism, Behaviorism, Psycho-dynamism, Humanism - Methods of study in psychology - Introspection/Self-Reporting, Experimental, Observation, Survey, Case study and Interview.

**Unit - II: Social, Emotional and Moral Development [7 hrs]**

Social Development: Development of self -concept, Development of Group Consciousness - Factors influencing Social Development-Erikson's Psychosocial stages of development - Emotional Development: Positive and Negative Emotions, Physiology of Emotion, Theories of Emotion (The James - Lange Theory, The Cannon-Bard Theory, Schachter-Singer Theory) - Significance of Emotional Intelligence-Moral Development: Theories of Moral Development- Piaget and Kohlberg

**Unit - III: Cognitive Development [15 hrs]**

Perception - sensation and perception, perceptual errors - Gestalt's theory of perception - Perception and Learning-Attention - Kinds of attention, Attention span, Determinants of attention - Automatic processing - Automaticity and Reading.

Cognitive Development-Piaget-Concept Formation-Bruner's theory on Concept Formation

Thinking and Language: Concept of thinking-The styles of thinking - Reasoning - Critical thinking - Lateral Thinking - Role of mental images in the thought process -Meta Cognition - Role of language in the thought process - Factors affecting language development - Development of language - Views of Noam Chomsky and Vygotsky.

Memory: Memory Process -Types of Memory-Memory models.

**Unit - IV: Learning Theories**

**[10 hrs]**

Nature and importance of learning - Factors influencing learning - Theories of Learning - Classical conditioning(Pavlov), Operant conditioning (Skinner), Hierarchy of Learning (Gagne), Information processing (Donald Norman), Discovery theory of Learning, Meaningful learning theory, Lewin's field theory, Social learning theory - Albert Bundura - Constructivism and learning-Educational implications of above theories of learning.

**Unit - V: Personality and Adjustment**

**[10 hrs]**

Nature and Meaning of Personality- Determinants of Personality – Theories of Personality - Trait Theory-Cattell , Psychoanalytic theory- Freud – Neo-psychoanalytic theories- Carl Jung, Adler, Karen Horney, Erich Fromm–Humanistic theory- Carl Rogers , Abraham Maslow - Adjustment and Maladjustment-Concept and understanding.

**Tasks and Assignments**

- Write your views as a prospective teacher educator on how you would combat social phobia in your student teachers.
- Prepare a flowchart of the thought process of the people classified under the eight stages of Erikson's Psycho - Social Development based on their reaction to the following question: "What is your opinion on God?"
- Elucidate on the parallels a teacher can draw from the learning environments of a student other than a class room in school or college.  
(For example, a student learns from their peer students about various methods for learning. The parallel you can draw from here is how you can incorporate this student-student interaction in your classroom.)

**References:**

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- Anderson, J. R. (1985). Cognitive psychology and its implications. 2nd Ed. New York: Freeman.
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- Bigge, M. L., & Hunt, M. P. (1968). Psychological Foundations of Education: An Introduction to human development and learning. Harper & Row.
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- Nirmala, J. (2012). Psychology of Learning and Human Development. Hyderabad: Neelkamal Publications Pvt. Ltd.
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- Vygotsky. L. (1986) Thought and language (A. Kazulin, Trans). Cambridge, M.A.: MIT Press.

# **Curriculum Framework M.Ed. - Third Semester**

**STRUCTURE STATUS AND ISSUES IN SECONDARY EDUCATION  
SEMESTER - III**

SSE

**Marks: 100**

**Objectives:**

**At the end of the semester the student will be able to**

- understand the nature - scope and systems of secondary education.
- examine the status of development of secondary education.
- understand different forms and issues of inequality in education.
- identify the indicators and standards of quality in education
- appreciate the role of Teacher Education.

**UNIT - I: Structure and Status of Secondary Education [10 hrs]**

Nature and Scope - Status of Secondary and Education in India - Central Board of Secondary Education (CBSE), Secondary School Certificate Board (SSC) State Board, Indian Certificate of Secondary Education Delhi Board (ICSE) and - Schooling Systems - International Baccalaureate (IB), National Open Schools, Special-Needs Schools - Organizational Structure of school in India, Types of School Education Aided-unaided, Private, International.

**UNIT - II: Commissions and Committees on Secondary Education [10 hrs]**

Constitutional Provisions related to Education - Secondary Education Commission (1952 - 1953); National Education Commission (1964 - 1966); Ishwar Bhai Patel Committee (1977); Adishiah Committee (1978); National Policy on Education (1986); and Programme of Action (1992) and SSA.

**UNIT - III: Policies and Programmes of Secondary Education. [10 hrs]**

Agency of Policy Making - NCERT, SCERT - NUEPA Policies and schemes related to Secondary and Higher Secondary Education – Draft on the National Policy of Education (1992), National Scheme of Incentives to Girls for Secondary Education (2008) - National Programmes: Rashtriya Madhyamik Shiksha Abhiyan (RMSA) - National Mission for Secondary Education - Inclusive Education for Disabled at Secondary Stage - The Adolescence Education Programme (AEP).

**UNIT - IV: Issues and Challenges of Secondary Education. [10 hrs]**

Problems and challenges related to universalisation of secondary education - Achievement of Equalization of Educational opportunities - Forms of Inequality - Gender Inequality - Urban Rural and Tribal Schools - Public and private schools - Issues of Quality in Secondary and senior secondary education - Classroom problems, discipline, under achievement, lack of motivation - Intervention in relation to Access, Retention, Enrolment and Dropout.

**UNIT - V: Teacher Education in India at Secondary Level. [10 hrs]**

Development of Teacher Education in India at Secondary Level - Recommendations of Various Commissions Concerning Teacher Education - Impact of NPE 1986 and POA on Teacher Education - Role and Functions of IASE and CTE - Pre-Service and In-Service Teacher Education.

### Tasks and Assignment

- Prepare a profile of a good aided and a private school of your locality.
- Bring out the problems of vocational Education course
- Study the difference between the different boards of Education.

### References:

- Chopra, R.K. (1993) Status of Teachers in India, NCERT, New Delhi
- Chopra, R.K.(1993). Status of teachers in India. New Delhi: NCERT.
- Coombs P.H. (1985): World crisis in education: The view from eighties. Oxford University Press, New York.
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- Govt. of India. (1986). National policy on education. New Delhi: MHRD
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- Sujatha, K & Ravi G (2011). Management of secondary education in India: Quality, programme and administration. New Delhi: Shipra Publication.
- Universalization of secondary education commission: Report of the CAFE committee. New Delhi: MHRD.
- Yadav, M.S. & Lakshmi, T.K.S. (2003): Conceptual inputs for Secondary Teacher Education: The instructional Role. India, NCTE. Course:



**ADVANCED EDUCATIONAL RESEARCH AND STATISTICS  
SEMESTER - III**

AES
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**Marks: 100**

**Objectives:**

**The student teacher at the end of the course will be able to:**

- Get familiarized with the Experimental Research designs
- Develop competency in presentation of research data, statistical analysis and interpretation
- Differentiate parametric and non-parametric tests.
- Empower students in computer and software application skills for data analysis.
- Develop competencies in preparing a research report.

**Unit - I: Experimental Research designs****[10 hrs]**

Experimental Research designs: Single - Group Pre-test-Post-test Design, Pre-test-Post-test Control-Group Design, Post-test only Control - Group Design, Quasi-Experimental Designs: Non - equivalent Comparison Group Design, Time-Series Design - Internal and external validity of research tools. Expost facto research - design, Simple cases of Casual-Comparative and Co relational research.

**Unit - II: Inferential Statistics****[10 hrs]**

Concept of parameter and statistics- Estimation of a parameter - Elementary ideas of probability, Normal Distribution Curve-properties, conditions and characteristics of normal distribution - Skewness and kurtosis. Characteristics of Normal Distribution Curve: Importance and applications of Normal Curve. Sampling, sampling techniques, sampling error and standard error. Hypotheses: types of hypotheses, testing of hypotheses, errors in hypotheses testing, levels of significance and degrees of freedom. Testing the significance of difference between the groups for independent and correlated samples

**Unit - III: Parametric and Non Parametric Statistics****[10 hrs]**

Parametric tests: t - test, Analysis of variance and Co - variance (ANOVA and ANCOVA), Regression Analysis - concept, assumptions, significance, interpretation and applications. Nonparametric statistics: Chi-square, Mann-Whitney test, Mean test, Rank test and sign test.

**Unit - IV: Data Analysis and Interpretation****[10 hrs]**

Coding of data and Data entry in various computer software, Microsoft Excel/SPSS Data-Analysis and interpretation. Use of Computer for Data Analysis- Knowledge of Software for Statistical Analysis such as EXCEL, SPSS. Applications of EXCEL, SPSS, etc for data organization, presentations and interpretation of results. **(Note: only for practical purposes).**

**Unit - V: Report Writing****[10 hrs]**

Preparation of research report: Significance of research report, Format, style, content and chapterization, Bibliography Application of style manuals APA (sixth edition), appendices, structure (Preliminary, Main body and reference section), Presentation of research report.

**Tasks and Assignment:**

- Select a Research problem, formulate hypotheses and describe appropriate statistical techniques for testing hypothesis.
- Prepare a critical assessment of sample used in a research.
- Collect the result of two classes and apply mean and SD of this data and prepare a comparative report.

**References:**

- Aggarwal, Y.P. (1998). *Statistical Methods Concept, Application and Computation*. New Delhi: Sterling Publishers (Pvt.) Ltd.
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- Creswell, J.W. (2011). *Educational Research: Planning, conducting, and Evaluating, Quantitative and Qualitative Research*. New Delhi: PHI learning Pvt. Ltd.
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**GUIDANCE AND COUNSELLING  
SEMESTER - III**

<b>GCG</b>
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**Marks: 100**

**Objectives:****At the end of course the students will be able to:**

- understand the meaning, nature, principles and scope of guidance
- understand the need of guidance for the special children.
- develop acquaintance with various types of guidance and techniques of group guidance
- recognize the role of guidance in attaining the goals of education and appreciate the need for guidance
- understand the resources required and their optimum use in managing a school guidance programme
- acquire knowledge about concept and importance of Vocational guidance
- understand the meaning, nature and scope of counselling, analyze the relationship between guidance and counselling
- recognize the different areas of counselling and become acquainted with the skills and qualities of an effective counsellor.
- understand the various stages involved in the process of counselling

**UNIT - I: Nature and Scope of Guidance****[8 hrs]**

Meaning, Need and significance of Guidance. Principles of Guidance - Physiological, Sociological and Educational. Scope of Guidance, Objectives of Guidance, Functions of Guidance Services.

**UNIT - II: Educational and Vocational Guidance****[14 hrs]**

Types of guidance; individual and group guidance, advantages of group guidance Principles of Educational Guidance. Guidance services: orientation, information, counselling, placement, Follow-up, research and evaluation. School Guidance Committee: constitution, roles and functions, Placement services. Research and Evaluation services Place of Guidance in school curriculum-need Role of Principal and teachers in school Guidance programmes. Vocational guidance Concept and importance of Vocational Guidance, Process of Vocational Guidance: - Fantasy Stage, tentative Stage and realistic Stage. Group guidance techniques: class talk, career talk, orientation talk, group discussion, career corner, career conference, bulletin board and role play.

**UNIT - III: Guidance to Special Children****[8 hrs]**

Guidance for special learners - Gifted, Creative, Slow learners and Learners with difficulty for learning. Psychological Guidance for Problematic students - Backward children, Dull or Deficient Children, Delinquent Children and obstinate children. Enrichment Programme for the gifted, slow learner and Exceptional Children.

**UNIT - IV: Understanding Counselling**

**[12 hrs]**

A. Meaning and nature of Counselling, Scope of Counselling, Objectives of Counselling: resolution of problems, modification of behaviour, promotion of mental health, Relationship between guidance and counselling, Skills and qualities of an effective counsellor, Professional ethics of a counselor, Teacher as a Counsellor.

**B. Approaches of Counselling**

Approaches in Counselling: Meaning, characteristics, steps, advantages and Limitations of Directive - Non directive - Eclectic Counselling and Group Counselling; Behavioural approach, Existential approach and cognitive approach.

**UNIT - V: Stages and Skills of Counselling**

**[8 hrs]**

Rapport Building - Goal Setting - Assessment and Diagnosing - Selection of intervention strategy - Planning and conducting sessions - Termination.- Developing counselling goals - Functions of counselling goals - Obstacles in developing specific goals - Skills associated with goal setting. Peer counselling: Its concept and the relevance to the Indian situation. Steps and skills in group counselling process.

**Tasks and Assignment (Any Two)**

- List out any two Guidance service activities that need to be conducted at the higher secondary level.
- Conduct a survey of the problems that are most prevalent among students in your class, which need immediate attention of a guidance counsellor and prepare a brief report.
- Identify the problems faced by the students that can be solved through peer counselling approach.

**References:**

- Barki,B.G., & Mukhopadhyay, B. (2008). *Guidance and Counselling A Manual*. New Delhi: Sterling Publishers Pvt.Ltd.
- Chauhan, S.S., (2008). *Principles and techniques of guidance*. Uttra Pradesh: Vikas publishing house Pvt Ltd.
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- Sharma, R. N., (2008). *Vocational guidance and counselling*. Delhi: Surjeet publications.
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- Vasanta R Patri, (2007). *Counselling Psychology*. New Delhi: Authors press.
- Vashist ,S.R., (2008). *Principles of Guidance*. New Delhi: Anmol publications Pvt.Ltd.

**EDUCATION FOR THE DIFFERENTLY – ABLED LEARNERS  
SEMESTER - III**

EDA
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**Marks: 100**

**Objectives**

**At the end of this course, the student will be able to**

- identify the differently - abled learners.
- deconstruct the prevailing myths about disability.
- develop critical understanding of the recommendations of various acts towards education for disabled.
- acquire adequate knowledge about the concept and nature of varied categories of disabled children.
- familiarize with various aids and appliances for addressing special children's specific learning needs.
- become aware of resources in the community which can be utilized in the teaching process.
- gain awareness of the schemes, concessions and facilities made available for the children with diverse needs.
- provide / arrange for necessary guidance and vocational training.

**UNIT - I: Conceptual Background****[10 hrs]**

Concept of differently - abled learners; Common terms used for differently - abled; Categories of differently - abled children; Myths and realities regarding differently - abled; Educational Acts: Rehabilitation Council of India Act (1992), The Persons with Disabilities Act (1995), National Trust Act (1999), National Policy for Persons with Disabilities (2006).

**UNIT - II: Concept and Nature of Physical Disabilities****[10 hrs]**

**Visual Impairment:** Categories, Identification, Characteristics, Causes, Prevention, Intervention programmes, Educational programs, Plus curriculum.

**Hearing Impairment:** Identification, Types, Characteristics, Causes, Prevention, Communication approaches, Educational programmes.

**Locomotor Disability:** Identification, Types, Characteristics, Causes, Prevention, Intervention programs, Educational programmes, Barrier free environment.

**Cerebral Palsy:** Types, Characteristics, Causes, Educational Programmes.

**UNIT - III: Concept and Nature of Intellectual Impairment****[10 hrs]**

**Mental Retardation:** Definition, Identification, Causes, Characteristics, Prevention, Classification, Educational programmes, Enrichment Programmes.

**Mental Illness:** Types, Difference between Mental Retardation and Mental Illness, Intervention programs, Educational programmes.

**Attention Deficit Hyperactivity Disorder (ADHD):** Symptoms, Associative disorders, Causes, Diagnosis, Educational strategies.

**UNIT - IV: Concept and Nature of Neurological Impairment [10 hrs]**

**Learning Disability:** Definition, Types, Identification, Causes, Characteristics, Prevention, Intervention programmes, Educational programmes.

**Autism Spectrum Disorder:** Definition, Types, Identification, Causes, Characteristics, Other associative disorders, Prevention, Intervention programmes, Educational programmes.

**UNIT - V: Support Services [10 hrs]**

Environmental Modifications; Use of Assistive Technology for differently - abled learners; Government Schemes, Facilities, Educational Concessions for the differently - abled; Vocational Training: Sheltered Workshop, Transitory Employment, Self Employment, Extended Employment, Community Based Rehabilitation.

**Tasks and Assignments (Any Two)**

- Conduct an individual case study of a differently abled child and produce a report.
- Drama/Role Play on the teaching strategies for any disability.
- Prepare an album on the various technologies for educating the differently abled children.

**References:**

- Bharat Singh. (2004). *Modern Special Education*. New Delhi: Anmol Publication Pvt.Ltd.
- Biggie, J. and Sirvis, B. (1986). *Physical and Health Impairments. In N.G. Having Exceptional Children and Youth*. Columbia: OH Mernil.
- Chauhan, S.S. (1996). *Advanced Educational Psychology*. New Delhi: Vikas Publishing House.
- Madhumita Puri & George Abraham. (2004). *Handbook of Inclusive Education for Educators, Administrators and Planners*. New Delhi: Sage Publications Pvt. Ltd.
- Mani, M. N. G. (2000). *Inclusive Education in Indian Context*. A publication of Sri Ramakrishna mission Vidyalaya International Resource Development Centre (IHRDC) for the disabled, Coimbatore.
- Meena Kumari. (2009). *Education for the children with Special needs*. New Delhi: Centrum press.
- Pankajam, G. (2009). *Care and Education of Differently Abled*. New Delhi: Concept Publishing Company.
- Sharma, R.A. (2013). *Fundamentals of Special Education (Integrated Teaching for Mainstreaming)*. Meerut: Vinay Rakheja.



**ADULT EDUCATION  
SEMESTER - III**

AEN

**Marks: 100**

**Objectives:**

**At the end of the course the students will be able to**

- differentiate formal, informal and non-formal education
- recognize factors influencing adult learning.
- acquaint with the different methods of teaching adults
- understand various programmes on Adult Education
- identify recent trends in Adult Education

**Unit - I: Introduction**

**[8 hrs]**

Concept, importance & objectives-Distinction between Formal and non-formal education - Education for all with special reference to Adult Education.

**Unit - II: Adult Psychology and Learning.**

**[10 hrs]**

Psychology of adult learners - Adult learning - factors facilitating adult learning  
Methods of motivating adult for learning - Learning - factors influencing adult learning - Learning Strategies: Guided learning, Inter - learning and self - directed learning - Challenges faced by adult learners and the counseling support.

**Unit - III: Methods of Teaching Adults**

**[12 hrs]**

Methods of adult education - lecture, workshop, seminar, symposium, discussion, demonstration, dramatization and role-play - Traditional Literacy and functional literacy - Different approaches to providing literacy - mass approach, selective approach and campaign approach - Role of Mass Media (Electronic & Print)

**Unit - IV: Adult Education Programmes**

**[12 hrs]**

Various programmes of Adult Education in India with special reference to: National Adult Education Programme (NAEP), National Policy on Education (NPE), Post Literacy Campaign (PLC), Total Literacy Campaign (TLC), Continuing Education Programme (CEP) - Policy Planning, Administration and Management of Adult Education / Continuous Education / Life Long Education - Problems and Challenges of Adult Education / Continuous Education / Life Long Education in India.

**Unit - V: Recent Trends in Adult Education**

**[8 hrs]**

National Literacy Mission (NLM): Structure, role and function, operational network and supporting agencies and bodies such as State Resource Centers (SRC), DIET, National Institute of Adult Education (NIAE), Directorate of Adult Education- Open Schooling and Distance Education

**Tasks and Assignments**

- As an adult educator, what challenges do you foresee in dealing with adults with learning disabilities

- Write a report on:  
“The need to emphasize adult education”. Conclude the report by elucidating on methods that can be implemented to promote adult education.
- In about 500 words, describe the scenario of an adult education classroom. Touch upon the various factors including the ambience of the classroom, the mindset of the students, how a teacher might go about teaching and so on.

**References:**

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- Pareek, Vijay Kumar, (1992) Adult Education. Delhi. Himansher.
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- Rao, D.S. (1993) Continuing Education in India, Ambala, The Associated Publishers
- Rao, V. Janardhana,( ., 2000.) Problem of Continuing Education, New Delhi: Discovery Pub
- Reddy, G. Lokanadha, (1997.)Role performance of adult education teachers: problems and prospects – New Delhi: Discovery Pub.,
- Roy, Nikhil Ranjan, (1967.)Adult Education in India and Abroad – Delhi :
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- Sharma, Inder Prabha, (1985) Adult Education in India: Policy Perspective – New Delhi: NBO Pub.
- Singh, U.K., Sudarshan, K.N. (1996) Non-formal and Continuing Education, New Delhi,

# **CURRICULUM FRAMEWORK M.Ed. – FOURTH SEMESTER**

**CURRICULUM PEDAGOGY AND ASSESSMENT IN SECONDARY EDUCATION**  
**SEMESTER - IV**

CPA

**Marks: 100**

**Objectives:**

**At the end of the semester the student will be able to**

- understand the foundations of curriculum planning.
- get acquainted with the models and process of curriculum design.
- reflect on various trends and theories of curriculum development.
- appreciate the need for curriculum assessment.
- develop competencies to design and assessment curriculum.

**UNIT - I: Nature and Principles of Curriculum**

**[8 hrs]**

Concept and Meaning - Components of Curriculum - Objectives, content, transaction mode and assessment at the secondary level - Philosophical and Ideological bases of Curriculum - Principles of integration

**UNIT - II: Approaches to Curriculum**

**[8 hrs]**

Core Curriculum - subject centered - Learner centered - Community centered - Curriculum frame works of School Education and Teacher Education. Social re-constructionist Curriculum - Purpose and role of the teacher.

**UNIT - III: Pedagogic Practices in Secondary Education**

**[10 hrs]**

Revised Bloom's Taxonomy (Anderson) for Teaching and Learning - Content Analysis of topics at Secondary Level - Teaching models - individualised instruction - Cooperative Learning - ICT integrated pedagogy - Online Learning - Scope and Limitations - Changing roles and responsibilities of teachers.

**UNIT - IV: Curriculum and assessment in Secondary Education**

**[12 hrs]**

Principles of School Curriculum Development at Secondary and Senior Secondary Level, CCE in Teacher Education - Formative and summative assessment: norm referenced and criterion reference assessment - Assessment of school experience / internship programmes. Assessment of teaching proficiency: criterion, tools and techniques - Organization and regulation of internal assessment: Preparation of guidelines and scheme of internal assessment. Portfolio assessment.

**UNIT - V: Models of Curriculum Evaluation**

**[12 hrs]**

Tyler's, Stakes' Model, Scriven's, Krikpatrick's and CIPP (Context, Input, Process, Product) Models - Factors Influencing the Effectiveness of Curriculum Transaction and Implementation Student, Teachers and Instructional Environment - Purpose and Planning for Evaluating the Curriculum and Curriculum Materials, Conducting Programme evaluation and Utilizing evaluation Results for Curriculum Improvement.

### Tasks and Assignment

- Prepare a on any one national curriculum Frame work 2005 (NCERT) NPE National Policy on Education 1992 National Curriculum Frame Work of Teacher Education 2009 or 2014
- Identify various criteria to evaluate a text book based on the criteria evaluate a text book of your choice (Secondary Level)
- Design a instructional plan for a unit in a subject at the secondary level.

### References:

- Aggarwal, Deepak. (2007). Curriculum development: Concept, methods and techniques. New Delhi: Book Enclave.
- Aggarwal, J.C. (1990). Curriculum Reform in India – World Overviews, Doba World Education Series – 3. Delhi: Doba House, Book Seller and Pubisher.
- Arora, G.L. (1984). Reflections on curriculum. New Delhi: NCERT.
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- NCERT (2005). National curriculum framework 2005. NCERT. New Delhi.
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- Orstein, A.C and Hunkins, F.P (1988). Curriculum: Foundations, principles and issues. New Jersey: Prentice Hall International
- Reddy, B. (2007): Principles of curriculum planning and development.
- Sterling, G. Callahan. (1958). Successful teaching in secondary schools, Brigham: Young University.
- Wiles, J.W. & Joseph Bondi (2006): Curriculum Development: A Guide to Practice. Pearson Publication.

**TEACHER EDUCATION: ISSUES AND CHALLENGES**  
**SEMESTER - IV**

TEI

**Marks: 100**

**Objectives:**

**At the end of the course the students will be able to**

- examine the issues and concerns in Teacher Education
- understand Teacher Education as a Profession.
- identify the areas of research in Teacher Education
- inculcate values from the Teacher Education programmes of different countries.
- explore the ways and means of organizing practicum in Teacher Education

**UNIT - I: Issues and concerns in Teacher Education** **[10 hrs]**

Quality in Teacher Education: Admission Policies and Procedures, Quality Management of Teacher Education - Privatization, Globalization and Autonomy in Teacher Education - Preparing teachers for Inclusive classrooms - Integrating Technology in Teacher Education.

**UNIT - II: Teacher Education as a Profession** **[10 hrs]**

Concept of Profession and Professionalism-Developing Professionalism, Professional Ethics and Professional Code of Ethics for Teacher Educators-Meaning and Components of Teacher Effectiveness - Enhancing and Evaluating Teacher Effectiveness through Performance Appraisal of Teachers and Teacher Educators.

**UNIT - III: Teacher Education in the global perspective** **[10 hrs]**

Comparative study of Teacher Education in Russia, UK, USA, France, Germany, China and Scandinavian countries and in India - Levels of Training and structure of Teacher Training and their courses of Study - Administration and Finance - Contemporary problems and Emerging Trends.

**UNIT - IV: Research in Teacher Education** **[10 hrs]**

Nature and Scope of Research in Teacher Education-Areas of Research in Teacher Education (Teaching, Teacher Characteristics, Teacher Performance, Teacher Education, Teacher Educators and Teacher Education Institutions - Infrastructure facilities) - Recent Trends - Implications of Research in Teacher Education.

**UNIT - V: Organization of School Based Practicum and Internship** **[10 hrs]**

Integration of Theory and Practice - Organisation, Observation, Supervision and Assessment of Practice Teaching- Concept and Types of Feedback to Student Teachers - Principles and Organization of Internship- Supervising and Mentoring and Coaching In Teacher Education-Relationship of Teacher Education Institutions with Practice Schools.

### Tasks and Assignments

- Write a report on:  
“The strategies of teaching used in other countries that can be implemented into our strategies successfully and how it can be done”
- Structure tools on “Teacher Competency” and “Teaching Competency”
- Write a brief report on:  
“How the education system has changed from being teacher centered to student centered”

### References:

- Jagannath Mohanty. (2008). *Dynamics of Teacher Education*. Hyderabad: Neelkamal Publications Pvt. Ltd.
- Jagdish Prasad Sharma. (2009). *Teacher Education*. New Delhi: Centrum Press.
- Promila Sharma. (2010). *Teacher Education*. New Delhi: APH Publishing Corporation.
- Radha Mohan. (2011). *Teacher Education*. New Delhi: PHI Learning Pvt. Ltd.
- Saxena, N.R., Mishra, B.K., & Mohanty, R.K. (2009). *Teacher Education*. Meerut: VinayRakheja.
- Shashi Prabha Sharma. (2007). *Teacher Education - Principles, Theories and Practices*. New Delhi: Kanishka Publishers and Distributors.
- Shrivastave, R. C. & Base K. (1973). *Theory & Practice of Teacher Education In India*. Allahabad: Chugh Publication.
- Singh, U.K., & Sudershan, K.N. (2006). *Teacher Education*. New Delhi: Discovery Publishing House.
- Taggart, G.L. (2005). *Promoting Reflective Thinking in Teachers*. Crown Press.

**EDUCATIONAL MANAGEMENT, ADMINISTRATION AND LEADERSHIP  
SEMESTER - IV**

EAL

**Marks: 100**

**Objectives:**

**After completion of course, the students will be able to:**

- Identify the principles and approaches of Educational Management.
- understand educational leadership and accountability to be maintained by the teacher and administrators.
- analyse the trends in Educational Administration
- acquaint with the modern trends in Educational Management and Administration
- familiarize with the methods and strategies of financial management

**UNIT - I: Educational Management**

**[10 hrs]**

Meaning, Concept, Scope and Functions of Educational Management· Principles of Educational Management - Types of Educational Management - Organisational climate and Evaluation - Academic Management - Classroom Management - Total Quality Management (TQM) - Research relating to Educational Management.

**UNIT - II: Leadership in Educational Management**

**[10 hrs]**

Leadership – Definition, Concept, Functions, Characteristics. Principal as a leader - Theories of leadership and their styles - Responsibilities of a Head in a School as a Transformative Leader - Duties of a Headmaster / Principal - Teacher as Leader- Roles of a Teacher - Managerial problems and their solutions.

**UNIT - III: Educational Administration**

**[10 hrs]**

Meaning, need and functions of Educational administration – Difference between management and administration – Educational administration at the central and state level - Role of local bodies - Decision Making: steps in decision making, types of decision making. Centralization and Decentralization of decision making, merits and limitations. Existing problems of administration in India - Issues in Educational Administration.

**UNIT - IV: Trends in Educational Management and Administration**

**[10 hrs]**

Stress Management - Definition, Causes, Types, Coping Stress; Time Management - Conflict management - Types of Conflict, causes of conflict, conflict resolution; Change management - Need for Institutional change - Managing of Institutional change, Tools of change. Management by Objectives (MBO) - Management by Exception (MBE).

**UNIT - V: Financial Management in Education**

**[10 hrs]**

Need - Significance and Principles of Educational Management - Mobilisation of finance for education development - National and International agencies, Grant in Aid - Types - Allocation of Educational Budget - Central and State - Cost of Education - Social and Individual cost, Opportunity cost recurring and Non - recurring cost, divisible and non divisible costs and capital cost, Problems and issues in educational finance.



**Tasks and Assignments**

- Analysis of the institutional climate of any school
- Preparation of a School Time Table
- Prepare a case study on the impact of leadership on the performance of any one institution.

**References:**

- Bhatnagar; and Vidya Agarwal (2001) Educational Administration, Meerut: Surya Publication,
- Bush, Tony (1986): Theories of educational management. London: Harper & Row Publishers.
- Bush, Tony & Les, Bell (2002): The principles & Practice of educational management. London: Paul Chapman Publishing.
- Mahajan, Baldev and Khullar, K.K. (2002): Educational administration in Central government: structures, processes, and future prospects. Vikas Publication house Pvt. Ltd. New Delhi.
- Musaazi, J.C.S. (1982): The Theory & Practice of educational administration. London: The Macmillan Press.
- Mukhopadhyay, M. (2005): Total quality management in education. New Delhi: Sage Publications.
- Ronald, Cambell F., (1987): A History of thought and Practice in educational administration. New York: Teachers College Press. 54

**ADVANCED EDUCATIONAL TECHNOLOGY  
SEMESTER - IV**

AET

**Marks: 100**

**Objectives:**

**The student teacher at the end of the course will be able to**

- understand the meaning, nature and concept, definition and Scope of educational technology
- understand the meaning, nature and importance of various resources of educational technology
- Understand the need and importance of researches in educational technology
- get acquainted with emerging trends in educational technology
- understand the problems and challenges in educational technology

**Unit - I: Educational Technology**

**[10 hrs]**

Educational Technology: Meaning, Definition, Scope and Significance. Meaning: Technology in Education and Technology of Education. Aims and Objectives of Educational technology - Educational Technology and Instructional Technology, Role of a teacher in Educational Technology. Evolution of educational technology, major factors that influence the development of educational technology, impact of educational technology on Indian education.

**Unit - II: Resources in Educational Technology**

**[10 hrs]**

Concept, need and importance of learning resources, non-digital and digital learning resources, resource centres: meaning, objectives, functions and organisation. Resource centres for Educational Technology. CIET, UGC, AVRC and EMRC role and their functions for the improvement of teaching - learning.

**Unit - III: Research in Educational Technology**

**[10 hrs]**

Relationship between research in education and educational technology, application of research in educational technology, areas of research in educational technology, relevance and feasibility of research in educational technology, research on media, current trends of research in educational technology, uses of educational technology in the classroom research, role of computers in educational research

**Unit - IV: Trends in Educational Technology**

**[10 hrs]**

E-learning: concept, nature and characteristics, modes and styles, promotion and arrangement for e-learning in our educational institutions, Elements of e-learning; e-content, e-book, e-tutoring, e-journal, e-paper and e-library -advantages and disadvantages of e-learning, - Virtual Classroom and Virtual University, advantages of virtual classroom, drawbacks and limitations of virtual classroom.

**Unit - V: Challenges in Educational Technology**

**[10 hrs]**

Problems and uses of technology in education, attitudinal problems and challenges of adapting to fast emerging technologies in education, challenges of faculty empowerment in technology

of teaching, problems of new technology, ethical issues involved in the application of educational technology.

### Tasks and Assignments

- Prepare e-content on any topic of your choice.
- Develop a technology based study material for school students.
- Critically Review an Educational Programme presented through T.V., CDs, Videocassettes, Radio

### References:

- Agrawal, J. (n.d.). Experiences of Educational Technology, Teaching learning innovation in Education. *Vikash Publishing PVT Ltd. New Delhi* .
- Cooper, I. (1960). classroom teaching skills. *D.C. Heathco, Toronto*.
- Coulson, J. E. (1962). Programme Learning and Computer Based Instruction. *Wiley, NewYork* .
- Dececco, J. P. (1964). Educational Technology : Reading Programmed Instruction,. *Hall, New Delhi*.
- Flanders, N. A. (1972). Analyzing Teaching Behaviour. *Addison-Wesley Publishing Company, California, London* .
- Joyee, B. a. (1972). Models of Teaching. *Prentice Hall Inc, Englowood cliffs, N.J* .
- Khanna, S. a. (1984). Technology of Teaching and Teacher Behaviour. *Vth edition, Doaba house, Delhi*.
- Kulkarni, S. (1986). Introduction to Educational Technology. *Oxford and IBH publishing co* .
- Sampath, K. P. (1990). Introduction to Educational Technology. *Sterling publishers, New Delhi* .
- Saxena N.R. & Swarup, O. S. (1996). Technology of Teaching. *Surya Publication, Meerut* .
- Sharma, R. (1996). Educational Technology. *International Publishing House, Meerut*.
- Sharma, R. (n.d.). Technology of Teaching. *Loyal Book Depot Meerut* .
- Sharma, R. (1988). Technology of Teaching. *International Publishing House, Meerut*.
- Skinner, B. F. (1981). Technology of Teaching. *Appleton Century Crafts, New York* .
- Thompson, J. J. (1969). Instructional Communication. *Van Nostrand Roinhold Co. NewJersey* .
- Verma, R. a. (1990). Modern Trends in Teaching Technology. *Anmol Publications Pvt. Ltd., New Delhi*

**EARLY CHILDHOOD EDUCATION  
SEMESTER - IV**

ECE

**Marks: 100**

**Objectives:**

**At the end of course the students will be able to:**

- understand the concept and significance of early childhood education
- gain knowledge about the global agencies and children's rights
- analyse the provisions for early childhood education in the Indian context
- identify the issues about early childhood education in various sectors
- recognize the standards demanded for promoting early childhood education
- familiarize them with the curricular aspects of early childhood education
- develop understanding about the role of different agencies involved in early childhood education

**UNIT - I: Global Perspectives on Early Childhood Education [10 hrs]**

Early Childhood Education - Concept and Significance; ECE in the Global Context - UN Convention on the Rights of the Child(1989) - United Nations Development Programme (1990) - World Conference on Education for all (EFA 1990) - UN Millennium Declaration (2000); ECE in the Indian context - Profile of the child in India ; Global development in ECE.

**UNIT - II: Analysis of Early Childhood Education in the Indian Context [10 hrs]**

Historical Perspective - Constitution of India and the Young child - Protection of Children's Rights - Statutory Provisions for ECE - Planning process and the Young Child - Ministerial Charge in ECE services; Programmes and Interventions for children - Public Sector - Private Sector - Services of the NGO.

**UNIT - III: Critical Issues on Early Childhood Education [10 hrs]**

Societal Divides: Equity, Access and Quality - Creches and Daycare centres in Public sector, Private sector and NGO sector; Qualitative studies about ECE Scenario - Government - Voluntary and Private - Current Practices in ECE in the private sector - Risks of early instruction; Ensuring quality in ECE - Development of Norms and Standards - Providing Standard Regulations - Empowering Parents and Community - Quality Workforce - Research in Curriculum; Language Issues.

**UNIT - IV: Curricular Framework for Early Childhood Education [10 hrs]**

General Objectives of ECE; Principles of the Curricular Framework; Curriculum for Infants and Toddlers; Curriculum for Children aged between three to five - Play as the learning base - Arts - Stimulating activities for Creativity - Cultural and Textual Blend - Fusing of formal and informal interaction - Familiarity to face everyday challenges - Appropriate Practices - Health and wellbeing.

**UNIT - V: Role of Various Agencies in Early Childhood Education**

**[10 hrs]**

ECE Educator - Interpersonal Relationships with Parents and Community - Role of an ECE Educator in Observing, Documenting, Supervising and Organising various activities in Day Care Centres; Role of Family, Parents, School, community, Government and NGO in promoting ECE.

**Tasks and Assignments (Any Two):**

- Compile the services rendered by different ministries of the Government of India in promoting in ECE over the last five years.
- Visit an NGO in your neighbourhood and prepare a report about its activities.
- Interact with an ECE educator and prepare a report about the issues faced in the workplace.

**References:**

- Aggarwal, J.C. (1983). *Methods and Materials of Nursery Education*. Delhi: DOABA House.
- Berk, L. E. (2003). *Child development*. New Delhi: Prentice Hall of India Pvt. Ltd.
- Child Development: A symposium, NCERT, New Delhi, 1964.
- Mujibul Hasan Siddiqui. (2004). *Early childhood education*. New Delhi: APH Publishing Corporation.
- Nayak, A. & Rao, V. (2002). *Primary education*. New Delhi: A P H Publishing Corporation.
- Pankajam, G. (2005). *Pre-primary education: philosophy and practice*. New Delhi: Concept Publishing Company.
- Singh, U. & Sudarshan, K. (2006). *Primary education*. New Delhi: Discovery Publishing House.
- Swaminathan, M. (1990). *The First three-year: A source book on early childhood care and education*. Paris: UNESCO.