

# FACULTY OF EDUCATION

## SYLLABUS

### FOR

## MASTER OF EDUCATION (M.Ed.)

### (Two Years)

### (SEMESTER: I–IV)

**Examinations: 2016–17**



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# GURU NANAK DEV UNIVERSITY

## AMRITSAR

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## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

**MASTER OF EDUCATION (M.Ed.)  
SCHEME OF STUDIES**

**SEMESTER-I**

**All Papers are compulsory**

Paper	Course Title	Total Marks	Credits		
			T	P	Internship
	<b>FOUNDATION COURSES</b>				
I	Philosophy of Education	100	4		
II	Psychology of Learning and Development	100	4		
III	Introduction to Educational Research Methodology	100	4		
IV	SPECIALISATION(Elementary/Secondary and Senior Secondary Stage) Students will choose one stage specific specialization				
IV-A	SPECIALISATION --- CORE COURSES There are core courses of 6 credits which are compulsory for all the students.				
	IV-A(E) Elementary stage specialisation	IV-A (S) Secondary and Senior Secondary stage specialisation			
	a) Institutions, Systems and structures at elementary school stage level	a) Institutions, Systems and structures at secondary and senior secondary school stage level	50	2	
	b) Elementary Stage – Status , Issues and Concerns	b) Secondary and senior secondary Stage – Status , Issues and Concerns	50	2	
	c) Elementary Stage- Curriculum, Pedagogy and Assessment	c) Secondary and senior secondary Stage- Curriculum, Pedagogy and Assessment	50	2	
Practicum-I	Communication and Expository Writing		25		1
Practicum-II	Self-Development Programme		25		1

**Total Credits: 20**

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

**SEMESTER-II****All Papers are compulsory**

Paper	Course Title	Total Marks	Credits		
			T	P	Internship
	<b>FOUNDATION COURSES</b>				
I	Sociology of Education	100	4		
II	Historical-Political Perspective of Education	100	4		
III	Education Studies	100	4		
IV	Fundamentals of Teacher Education	100	4		
V	Internship in Teacher Education Institution (Elementary /Secondary and Senior Secondary stage)	100 Sessional			4
VI	*Dissertation (Formulation of Synopsis )	50 Sessional		2	

**Total Credits: 22**

\*Every candidate shall submit the synopsis on an educational problem under the guidance of a supervisor from department of the University/Institute/College upto 30<sup>th</sup> April.

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

## SEMESTER–III

Paper	Course Title	Credits		
		T	P	Internship
	<b>FOUNDATION COURSES</b>			
<b>I</b>	<b>Advanced Educational Research Methodology</b>	<b>4</b>		
<b>II</b>	<b>Trends in Teacher Education</b>	<b>4</b>		
<b>III</b>	<b>Curriculum Studies</b>	<b>4</b>		
<b>IV-B</b>	<b>SPECIALISATION – OPTIONAL COURSES</b> <b>Choose any one option from the following &amp; chosen course will be continued in Semester IV :-</b>			
	<b>IV-B(E) Elementary stage specialisation (opt any one)</b>	<b>IV-B(S) Secondary and senior secondary stage specialisation (opt any one)</b>		
	<b>i)Curriculum Pedagogy and Assessment</b>	<b>i)Curriculum Pedagogy and Assessment</b>	<b>2</b>	
	<b>ii)Educational Planning, Economics and Policy</b>	<b>ii) Educational Planning , Economics and Policy</b>	<b>2</b>	
	<b>iii)Educational management, Administration and Leadership</b>	<b>iii)Educational management, Administration and Leadership</b>	<b>2</b>	
	<b>iv)Inclusive Education</b>	<b>iv)Inclusive Education</b>	<b>2</b>	
	<b>v)Educational Technology and ICT</b>	<b>v)Educational Technology and ICT</b>	<b>2</b>	
<b>V</b>	<b>Internship in a school with stage specific specialization (Four Weeks)</b>			<b>4</b>
<b>VI</b>	<b>*Dissertation (Data Collection)</b>		<b>2</b>	

**Total Credits: 20**

\*Candidate will go for field work and collect the data for dissertation in semester III preferably during Internship in School and submit the report to the supervisor.

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

Master of Education (M.Ed.)

**SEMESTER-IV**  
**SPECIALISATION – OPTIONAL COURSES**  
**ELEMENTARY STAGE (E)**

For further specialization, students will study three courses (each of credits 4) of the option IV-B (E-i,ii,iii,iv,v) as selected in Semester III

Paper	Course Title	Total Marks	Credits		
			T	P	Internship
IV-B (E-i)	Curriculum Pedagogy and Assessment a) Advanced Curriculum Theory b) Curriculum Transaction c) Approaches to Curriculum Assessment		4 4 4		
IV-B (E-ii)	Educational Planning, Economics and Policy a) Educational Planning b) Educational Finance And Economics Of Education c) Education Policy and Research		4 4 4		
IV-B (E-iii)	Educational Management , Administration and Leadership a) School Management b) School Administration c) Educational Leadership		4 4 4		
IV-B (E- iv)	Inclusive Education a) Education For Special Children b) Gender, School And Society c) Inclusive Education And Its Practices		4 4 4		
IV-B (E- v)	Educational Technology and ICT a) ICT and Educational Technology b) ICT in Education c) Educational Media and Research In Classroom		4 4 4		
V	Academic Writing			2	
VI	*Dissertation			4	

**Total Credits: 18**

\*(i) Dissertation shall be submitted upto 30<sup>th</sup>April. Under ordinary circumstances extension after semester IV will not be granted. However, one month extension under extra ordinary circumstances without late fee may be granted by Dean Academic Affairs and Student Welfare GNDU, Amritsar.  
(ii) Every candidate shall be examined in viva-voce on his/her dissertation.

**SEMESTER (I+II+III+IV) = 80 CREDITS**

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

Master of Education (M.Ed.)

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES  
SECONDARY AND SENIOR SECONDARY STAGE (S)**

For further specialization, students will study three courses (each of credits 4) of the option IV-B (S-i,ii,iii,iv,v) as selected in Semester III

Paper	Course Title	Total Marks	Credits		
			T	P	Internship
IV-B (S-i)	<b>Curriculum Pedagogy and Assessment</b> a) <b>Advanced Curriculum Theory</b> b) <b>Curriculum Transaction</b> c) <b>Approaches to Curriculum Assessment</b>		4 4 4		
IV-B (S-ii)	<b>Educational Planning , Economics and Policy</b> a) <b>Educational Planning and Economics of Education</b> b) <b>Educational Planning , Management and Financing of Education</b> c) <b>Education Policy and Research</b>		4 4 4		
IV-B (S-iii)	<b>Educational Management , Administration and Leadership</b> a) <b>Educational Management</b> b) <b>Educational Administration</b> c) <b>Leadership in Education</b>		4 4 4		
IV-B (S-iv)	<b>Inclusive Education</b> a) <b>Inclusive Education for Children with Diverse Needs</b> b) <b>Preparation and Management of inclusive education</b> c) <b>Trends, Issues and Innovations in inclusive education</b>		4 4 4		
IV-B (S-v)	<b>Educational Technology and ICT</b> a) <b>ICT and Educational Technology</b> b) <b>Educational Technology and recent development</b> c) <b>Latest trends in Educational Technology</b>		4 4 4		
V	<b>Academic Writing</b>			2	
VI	<b>*Dissertation</b>			4	

**Total Credits: 18**

\*(i) Dissertation shall be submitted upto 30<sup>th</sup> April. Under ordinary circumstances extension after semester IV will not be granted. However, one month extension under extra ordinary circumstances without late fee may be granted by Dean Academic Affairs and Student Welfare GNDU, Amritsar.

(ii) Every candidate shall be examined in viva-voce on his/her dissertation.

**SEMESTER (I+II+III+IV) = 80 CREDITS**

**SEMESTER-I****PAPER-I  
PHILOSOPHY OF EDUCATION**

**Credits: 4**  
**Time: 3 Hrs.**

**Total Marks: 100**  
**Theory: 70**  
**Sessional Work: 30**

**Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives****On Completion of This Course the Students Will Be Able to:**

- Develop an appreciation for the role of philosophy in guiding the teaching learning process of education.
- Understand the relationship between Philosophy and Education.
- Explain the modern concept of philosophy
- Gain insight of the basic Indian and Western concepts of education
- Develop a critical understanding of major modern educational philosophies
- Compare between different philosophies and their educational implications.

**UNIT-I****Philosophy of Education**

- a) Philosophy of Education -concept, nature, scope and functions.
- b) Relation between Philosophy and Education.
- c) National values as mentioned in Indian constitution and their educational implications.

**UNIT-II****Philosophical Perspectives of Education**

- a) Branches of Philosophy- metaphysics and education, epistemology and education, axiology and education.
- b) Modern concepts of Philosophy - logical analysis, logical empiricism and positive relativism.

MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

**UNIT-III**

**Education as Interdisciplinary Knowledge: Indian Perspective**

- a) Vision derived from the synthesis of different ancient Indian Philosophies and their educational implications:  
Sankhya, Vedanta, Buddhism, Jainism
- b) Critical analysis of thoughts of great educators:  
Swami Vivekananda, Rabindranath Tagore, Gandhi, Sri Aurobindo.

**UNIT-IV**

**Education as Interdisciplinary Knowledge: Western Perspective**

- a) Vision derived from the different schools of thoughts and their Educational Implications  
Idealism, Naturalism, Pragmatism, Existentialism
- b) Critical Analysis of thoughts of Great Educators:  
Rousseau, Karl Marx, John Dewey.

**SESSIONAL WORK**

**Marks: 30**

- Assignments based on educational philosophy of any two philosophers (one western and one Indian) Tagore or Aurobindo and Karl Marx or Rousseau
- Presentation on various innovative concepts in the context of teaching-learning in schools followed by group discussion.

**REFERENCES:**

1. Agrawal, S. (2007). *Philosophical Foundations of Education*. Delhi: Authors Press.
2. Brubacher, J. S. (1962). *Eclectic Philosophy of Education*. Prentice Hall, New Jersey: Engelwood Cliffs.
3. Brubacher, J. S. (1962). *Modern Philosophies of Education*. New York: McGraw Hill Book Company Inc.
4. Dhavan, M. L (2005). *Philosophy of Education*. Delhi: Isha Books.
5. Kilpatrick, W.H. *Source Book in the Philosophy of Education*. New York: McMillan and Company.
6. Kneller, G.F. (1963). *Foundations of Education*. London and New York: John Wiley and Sons, Inc.
7. Pandey, R.S. (1997). *East West Thoughts on Education*. Allahabad: Horizon Publishers.
8. Park, J. (1961). *The Philosophy of Education*. New York: Macmillan Company.



MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

9. Phenix, P.H. (1960). *Philosophy of Education*. New York: Holt, Rinehart and Winston.
10. Sharma, A.P. (1997). *An Approach to Philosophy of Education*. Delhi: Indian Publications.
11. Sodhi, T.S. & Suri, A. (2003) .*Philosophical and Sociological Foundation of Education*. Patiala: Bawa Publications.
12. Weber, C.O. (1960) .*Basic Philosophies of Education*. New York: Holt, Rinehart and Winston.
13. Weerasinghe S.G.M. (1993).*The Sankhya Philosophy: A Critical Evaluation of its origins and Development*. Delhi: Sri Satguru Publications - A Division of Indian Books Centre.
14. [http://www.mkgandhi.org/articles/g\\_edu.htm](http://www.mkgandhi.org/articles/g_edu.htm)
15. <http://www.shreyasfoundation.in/gandhian-philosophy.html>
16. [http://www.ncte-india.org/pub/gandhi/gandhi\\_0.htm](http://www.ncte-india.org/pub/gandhi/gandhi_0.htm)
17. <http://infed.org/mobi/rabindranath-tagore-on-education/>
18. <http://visvabharati.ac.in/Rabindranath/Contents/RabindranathContents.htm?f=../Contents/education.htm>
19. [http://www.academia.edu/4659110/Rabindranath Tagore on Education](http://www.academia.edu/4659110/Rabindranath_Tagore_on_Education)
20. [http://www.ncte-india.org/pub/aurobin/auro\\_0.htm](http://www.ncte-india.org/pub/aurobin/auro_0.htm)
21. <http://schoolofeducators.com/2012/04/aurobindos-vision-on-education/>
22. [http://www.academia.edu/1231280/Understanding Indian-Value System through Sri Aurobindo s Education System](http://www.academia.edu/1231280/Understanding_Indian-Value_System_through_Sri_Aurobindo_s_Education_System)
23. [http://en.wikipedia.org/wiki/Teachings and philosophy of Swami Vivekananda](http://en.wikipedia.org/wiki/Teachings_and_philosophy_of_Swami_Vivekananda)
24. <http://www.publishyourarticles.net/knowledge-hub/education/aim-of-education-according-to-swami-vivekananda.html>
25. [http://en.wikipedia.org/wiki/John Dewey](http://en.wikipedia.org/wiki/John_Dewey)
26. [http://eepat.net/doku.php?id=dewey\\_john](http://eepat.net/doku.php?id=dewey_john)
27. <http://infed.org/mobi/jean-jacques-rousseau-on-nature-wholeness-and-education/>
28. <http://snphilosophers2005.tripod.com/ternan.pdf>
29. <https://www.cpp.edu/~plin/ls201/rousseau5.html>
30. <http://infed.org/mobi/karl-marx-and-education/>
31. <http://homepages.wmich.edu/~nbarnes/Document3.pdf>
32. <http://www.newfoundations.com/GALLERY/Marx.html>

**SEMESTER-I****PAPER-II  
PSYCHOLOGY OF LEARNING AND DEVELOPMENT**

**Credits: 4**  
**Time: 3 Hrs.**

**Total Marks: 100**  
**Theory: 70**  
**Sessional Work: 30**

**Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:****On Completion Of This Course the Students Will Be Able To:**

- Understand the dynamics of individual development.
- Explain the different approaches concerning the process of learning and knowledge construction.
- Describe the dynamics of group and social behaviour.
- Familiarize themselves with socio-emotional climate in the classroom.

**UNIT-I****Human Development**

- a) Concept of Human Development, stages of human development; physical, cognitive, social, emotional and moral.
- b) Nature and characteristics of Human Behaviour, Scientific ways of studying human behaviour and Factors affecting human behaviour.

**UNIT-II****Understanding the Learner**

- a) Stages of Cognitive Development ( Piaget, Vygotsky)
- b) Information processing view of cognitive development.

**UNIT-III****Process of Learning**

- a) Theories of learning (Pavlov, Hull, Tolman, Lewis)
- b) Learning as construction of knowledge (with special reference to learner, teacher and learning environment), Learning as socio-culturally mediated process (Experiential learning, Cognitive negotiability, Socio-Cultural mediation)

**UNIT-IV****Dynamics of Social Development**

- a) Concept, types of groups, interrelationship and interdependence between individual and group in learning environment.
- b) Socio- emotional climate in classroom with special reference to gender, differently abled and marginalised group.

**SESSIONAL WORK****Marks: 30**

- **Administration and Interpretation of the following Experiments/ Tests: 20 Marks.**

<b>Tests</b>	<b>Experiments</b>
Verbal, Non-Verbal and Performance test of Intelligence	Learning Curve
Personality Inventory	Transfer of Training
Test of Creativity	
Self-Concept Scale	
Adjustment Inventory	
Leadership Style scale	

**PRACTICAL FILE****Marks: 10****REFERENCES:**

1. Allport, G.W. (1955). *Becoming basic considerations for a psychology of personality*. New York: Yale University Press.
2. Bandura.A. (1977). *Social learning theory*. Cliff. N.J: Prentice Hall.
3. Bhatia, K.K., Narang, C.L. & Sidhu, H.S. (2001). *Foundations of teaching learning process*. Ludhiana: Tandon Publishers.
4. Bickhard, M.H., & Chrisopher, J.C. (1994). *The Influence of early Experience on Human Personality Development*. New Ideas in Psychology.
5. Brown, R. (2000). *Group Processes: Dynamics Within and Between Groups*. (2nd Edition). Blackwell Publishers.
6. Bruner, R.F. (1978). *Psychology applied to teaching*. Boston: Houghton Mifflin.
7. Cattell, R.B. (1990). Advances in Cattellian personality theory. In L.A. Pervin (Ed.), *Handbook of personality: Theory and research* (pp. 101-110). New York: Guildford.
8. Chauhan, S.S. (2002). *Advanced educational psychology*. New Delhi: Vikas Publishing House.
9. Cruickshank, W.M. (1980). *Psychology of exceptional children and youth*. N.J.: Prentice Hall.

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

10. Dandapani, S. (2001) *Advanced educational psychology, (2nd edition)*, New Delhi, Anmol publications pvt Ltd.
11. Freud, S. (1961). *The ego and the id*. In J. Strachey (Ed. and Trans.), *The standard edition of the complete psychological works of Sigmund Freud* (Vol. 19, pp. 3 - 66). London: Hogarth Press. (Original work published 1923).
12. Gardner, H. (1983). *Frames of Mind: The theory of multiple intelligence*. New York: Basic Books.
13. Garret, H.E. (2005). *Statistics in psychology and education*. New Delhi: Paragon International Publishers.
14. Guilford, J.P. (1967). *Nature of human intelligence*. New York: McGraw Hill.
15. Hurlock, E.B. (1953). *Developmental psychology*. New York: Tata McGraw Hill Publishing Company Ltd.
16. Mangal S.K. (2002). *Advanced Educational Psychology*. New Delhi: Prentice Hall of India.
17. Minton, H.L. (1988). *Lewis M. Terman: pioneer in psychology testing*. New York, NY: New York University Press.
18. Piaget, J. (1999) *Judgment and reasoning in the child*. London: Routledge.
19. Santrock John (2011). *Educational Psychology*. (4<sup>th</sup> edition). Tata McGraw Hill.
20. Sekav, S.V.K. (2005). *Education Society and Pedagogy*. New Delhi: Arise Publishers and Distributors.
21. Srivastava, G.N.P. (1986) *Recent Approaches to Personality Study*. Agra: APRC
22. Wendy Conklin (2006). *Instructional Strategies for Diverse Learners- Practical*
23. Synder, C.R. & Shane J. Lopez (2007). *Positive psychology*. U.K.: SAGE Publications.
24. Vygostsky. L. (1986). *Thought and language* (A. Kazulin, Trans). Cambridge, M.A.: MIT Press.
25. Woolfolk, A. (2011). *Educational Psychology*. (9<sup>th</sup> edition). Pearson Publications Inc. and Dorling Kindersley Publishing Inc.

**SEMESTER-I****PAPER-III****INTRODUCTION TO EDUCATIONAL RESEARCH METHODOLOGY****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:**

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

- Identify a research problem.
- Formulate research questions
- Review the literature for research purpose.
- Represent data graphically.
- Compute descriptive statistics

**UNIT-I**

1. Meaning, purpose and areas of educational research; Kinds of educational research: basic & applied research, evaluation research and action research, and their characteristics  
Source of knowledge, the scientific approach to the knowledge generation: basic assumptions of science, scientific methods, Theory, nature and functions, The principle of evidence; Research paradigms in education: qualitative, mixed and, quantitative, and their characteristics.
2. Planning the research study: Sources of research problems, Review of the literature-purpose and resources; conducting the literature search: using databases and internet, internet search tools and quality of internet resources; Identification and Conceptualization of Research Problem: statement of problem, purpose, and research questions in qualitative and quantitative research; Formulation of Hypotheses.
3. Preparation of a Research Proposal: Framework of the research proposal and strategies for writing the research proposals

**UNIT-II**

1. Concept of population and its type, and sample, sampling unit, sampling frame, sample size, sampling error, representative and biased samples
2. Random Sampling Techniques: simple random sampling, systematic sampling, stratified random sampling, cluster sampling, and multi-stage sampling
3. Non- Random Sampling Techniques, convenience sampling, purposive sampling, quota sampling and snowball sampling ; Determining the sample size when using random sampling; Sampling in qualitative and mixed research

**UNIT-III**

1. **Tests, Inventories and Scales:** Types and their Construction and Uses, Identifying a tool using Reliability and Validity Information.
2. **Questionnaire:** Forms, Principles of Construction and their scope in Educational Research, Administration of Questionnaires.  
**Interview:** Types, Characteristics and Applicability, Guidelines for Conducting Interviews.
3. **Qualitative and Quantitative Observation:** Use of the Checklist and Schedules, Time Sampling, Field Notes, Role of Researcher during observation, focus group discussion.

**UNIT-IV**

1. **Data Types:** Nominal, Ordinal, Interval and Ratio; Data Levels: Individual and Group; Graphical Representation of Data.
2. **Description and Comparison of Groups:** Measures of Central Tendencies and Dispersion, Assumptions, Uses and Interpretation.
3. **Normal Distribution:** Theoretical and Empirical Distributions, Deviation from Normality and Underlying causes, Characteristics of Normal Probability Curve and its Applications, Relative Positions Percentile Rank z-scores.
4. **Examining Relationships:** Scatter plots and their interpretation Product Moment, Rank, theoretical understanding of Biserial, point-biserial, Tetra-choric, Partial and Multiple correlations
5. Testing of Hypotheses-Null and Alternative Hypotheses, Directional Alternative Hypotheses, Testing of Null Hypotheses, types of Error,

**SESSIONAL WORK****Marks: 30**

- Reviewing a research paper or an M.Ed. Dissertation.
- Preparation of graphic designs of data obtained by any previous research study.

**REFERENCES:**

1. Best J.W. (1999). *Research in Education*, New Delhi: Prentice Hall of India Pvt. Ltd.
2. Borg, W.R. and Gall, M.D. (1983). *Educational Research – An Introduction*, New York: Longman, Inc.
3. Christensen, L. (2007). *Experimental Methodology*. Boston: Allyn & Bacon.
4. Clive Opie (2004). *Doing Educational Research- A Guide for First time researchers*. New Delhi: Vistar Publications.
5. Cohen, Lewis and Manion Lawrence (1994) *Research Methods in Education* New York: Holt Rinchart and Winston Inc.
6. Fraenkel, J.R., Wallen, N.E. (1996). *How to Design and Evaluate Research in Education*. New York: McGraw Hill.

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

7. Flick, Uwe (1996). *An Introduction to Qualitative Research*. London sage publication.
8. Garrett, H.E. (1958). *Statistics in Psychology and Education*. Longman's green and Co. New York.
9. Kaul, Lokesh (1984). *Methodology of Educational Research*. New Delhi: Vikas Publications.
10. Keeves, John. P (ed.) (1990) *Educational Research Methodology and Measurement: An International Handbook*. New York: Pergamo Press
11. Kerlinger, F.N. (1986). *Foundations of Behavioural Research*. Fort Worth, TX: Harcourt Bmce Jovanovich.
12. Kirkpatrick, D.L. (2005). *Evaluating training Programmes: The four Levels*. San Francisco: Brrett-Kochler.
13. Jill Porter & Penny Lacey (2005). *Researching Learning Difficulties- A Guide for Practitioners*. Paul Chapman Publishing.
14. Pamela Maykut & Richard Morehouse (1994). *Beginning Qualitative Research- A Philosophic and Practical Guide*. The Falmer Press London. Washington D.C.
15. Patton. M.Q. (2002). *Qualitative Research and Evaluation Methods*. Thousand Oaks: C.A: Sage.
16. Reason, P. & Bradbury, H. (Eds) (2006). *Handbook of action research: Concise paperback edition*: Thousand Oaks, CA: Sage.
17. Scott, David & Usher, Robin (1996). *Understanding Educational Research*. New York: Rout ledge.
18. Shank, G.D. (2002). *Qualitative Research*. Columbus, ott: Merill, Prentice Hall.
19. Sharma, Bharti (2004). *Methodology of Educational Research*. New Delhi: Vohra Publishers and Distributors.
20. Sharma, S.R. (2003). *Problems of Educational Research*. New Delhi: Anmol Publications Pvt. Ltd.
21. Stake, Robert E. (1995). *The Art of Case Study Research*. Thousand Oaks: C.A: Sage.
22. Travers, Robert M.W. (1978). *An Introduction to Educational research* (4th edition). London: MacMillan.
23. Van Dalen, Debonald, B. and Meyer, William J. (1979) *Understanding Educational Research: An Introduction*. New York: McGraw Hill.

**SEMESTER-I****Specialisation-Core Course****PAPER-IV A (E)****a) INSTITUTIONS, SYSTEMS AND STRUCTURES AT ELEMENTARY SCHOOL STAGE****Credits: 2****Time: 1½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives:**

On Completion of this course the students will be able to:

- Understand the various institutions of education
- Gain insight into the structure of elementary education
- Familiarize with the administrative system of elementary education

**UNIT-I****System and Structure of Elementary Education in India**

- a) Elementary Education: Concept and development
- b) Structure and Administrative System of Elementary Education:
  - i. at state level
  - ii. at national level

**UNIT-II****Institutions of Education**

- a) Institutions related to elementary education at national level: Structure and functions of SSA (Sarva Shiksha Abhiyan), NPE (National Policy on Education 1986, as modified in 1992), DPEP (District Primary Education Programme), ECCE (Early Childhood Care and Education)
- b) Institutions related to elementary education at state level: Structure and functions of State Board, with reference to Punjab (PSEB)



**SESSIONAL WORK****Marks: 15**

- Case study of Anganwadi, pre-school centres
- Study of present status of ECCE in a State/District

**REFERENCES:**

1. Aggarwal, J.C. and Gupta, S. (2007). Early Childhood Care and Education (Ist Ed.). Shipra Publications, New Delhi.
2. Government of India (1986). National Policy on Education, Department of Education, New Delhi. Mishra, R.C. (2005). Early Childhood Education Today, Prentice Hall Publisher
3. NCERT (2005). National Curriculum Framework, New Delhi.
4. NCTE (2005). Report on ECCE Teacher Education: Curriculum Framework and Syllabus Outline, New Delhi
5. NCERT (1964): "The Indian Year book of Education 1964." Second year Book, Elementary Education, NCERT, New Delhi.
6. Gupta, V.K & Gupta, Ankur (2005). *Development of education system in India*. Ludhiana: Vinod publication.
7. Jayapalan, N. (2002). *Problems of Indian education*. New Delhi: Bhargava Publication.
8. Sachadeva, M.S. & Umesh (2005). *A Modern approach to education in emerging Indian society*. Ludhiana: Vinod publication.
9. Sodhi, T.S. (2005). Development of Education System in India. Patiala: Bawa Publications.
10. [http://en.wikipedia.org/wiki/Sarva\\_Shiksha\\_Abhiyan](http://en.wikipedia.org/wiki/Sarva_Shiksha_Abhiyan)
11. [http://www.karmayog.org/education/education\\_5295.htm](http://www.karmayog.org/education/education_5295.htm)
12. <http://www.educationforallinindia.com/page112.html>

**SEMESTER-I****Specialisation–Core Course****PAPER-IV A (E)****b) ELEMENTARY STAGE – STATUS, ISSUES AND CONCERNS****Credits: 2****Time: 1½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives:**

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

- Understand the functions of elementary education.
- Gain insight into the status of elementary education.
- Familiarize with the present educational problems of elementary education.
- Critically appraise various aspects of elementary education.

**UNIT-I****Elementary Education in India**

- a) Status of elementary education in India with reference to Punjab State
- b) Universalization of Elementary Education (UEE) : Issues and concerns

**UNIT-II****Problems and Challenges of Elementary Education in India**

- a) Problems and challenges of elementary education (access, enrolment, dropout, achievement and equality of educational opportunities, education of girls, disadvantaged and differently abled children)
- b) Government interventions for Quality concerns in Elementary Education with special emphasis on SSA and RTE.

**SESSIONAL WORK****Marks: 15**

- Prepare a status report on elementary education in a chosen state or district with reference to classroom process, access, enrolment, retention/participation, dropout and learning achievement and present in a seminar.
- Evaluate a textbook of elementary class with reference to its adequacy and appropriateness in achieving expected learning outcomes in any subject.

**REFERENCES:**

1. Rao, V.K. (2007): *Universatisation of Elementary Education*. Indian Publishers, New Delhi.
2. Gupta, V.K. & Gupta, Ankur (2005). *Development of education system in India*. Ludhiana: Vinod publication.
3. Jayapalan, N. (2002). *Problems of Indian education*. New Delhi: Bhargava Publication.
4. Sachadeva, M.S. & Umesh (2005). *A Modern approach to education in emerging Indian society*. Ludhiana: Vinod publication.
5. Sodhi, T.S. (2005). *Development of Education System in India*. Patiala: Bawa Publications.
6. <http://ssa.nic.in/urban-docs/urban-papers/Status%20-%20Challenges%20in%20the%20Million%20Plus%20Cities-Updated%20Jul....pdf>
7. <http://www.teindia.nic.in/mhrd/50yrsedu/r/2R/7Q/2R7Q0101.htm>
8. <http://ssa.nic.in/>

**SEMESTER-I****Specialisation-Core Course****PAPER-IV A (E)****c) ELEMENTARY STAGE- CURRICULUM, PEDAGOGY AND ASSESSMENT****Credits: 2****Time: 1½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives:**

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

- Gain insight into the structure of curriculum and pedagogy
- Evolve concepts of pedagogical knowledge
- Familiarize with the assessments suggested with national reports
- Study various models of curriculum assessment

**UNIT-I****Curriculum and Pedagogy**

- a) Issues of teaching and learning, medium of instruction, personalizing knowledge, the process of transforming subject- matter knowledge into teaching material and pedagogic strategies for elementary classroom.
- b) Evolving conceptions of pedagogical knowledge as an integration of knowledge about the learner, disciplinary knowledge, knowledge of curriculum and the educational contexts and aims; nurturing inquiry and supporting children's learning.

**UNIT-II****Curriculum and Assessment**

- a) Assessment of curriculum suggested through the national report (NCF, 2005) on elementary stage education.
- b) **Assessment Models of Curriculum Development:** Need Assessment Model, Futuristic Model, Vocational / Training Model, with special reference to analysis of needs, Selection of objectives, Selection and Organization of content / learning experiences and evaluation.

**SESSIONAL WORK****Marks: 15**

- Preparing status report on elementary education in a chosen block/district with reference to enrolment, equity and achievement.
- Critical assessment of curriculum suggested through national report (NCF, 2005) on elementary education.

**REFERENCES:**

1. NCERT (1991): Elementary Teacher Education Curriculum, Guidelines and Syllabi, New Delhi.
2. Aggarwal, Deepak (2007). *Curriculum development: Concept, Methods and Techniques*. New Delhi: Book Enclave
3. *Curriculum Organisation and Design*- Jack Walton, Great Briton
4. Daniel Tanner, LawelN. Tannor (1975). *Curriculum Development theory into practice*. New York: Mac Millan Publishing Co. Inc.
5. Diamond Robert M. (1986). *Designing and Improving Courses in Higher Education: A Systematic Approach*. California: Jossey-Bass Inc. Publication.
6. Joseph, P.B. et al; (2000). *Cultures of Curriculum (studies in Curriculum Theory)*. New York: Teacher College Press.
7. Mrunalini Talla (2012). *Curriculum Development: Perspectives, Principles and Issues*, India: Pearson Education.
8. Oliva, Peter F. (1988) .Developing the Curriculum. Scott, and Foresman and Co.
9. Reddy, B. (2007). Principles of curriculum planning and development.
10. Taba Hilda (1962). *Curriculum Development: Theory and Practice*. New York: Harcourt Brace, Jovanovich Inc.
11. <http://www.ncert.nic.in/html/pdf/schoolcurriculum/ncfsc/ch2.pdf>
12. [http://en.wikipedia.org/wiki/Continuous\\_and\\_Comprehensive\\_Evaluation](http://en.wikipedia.org/wiki/Continuous_and_Comprehensive_Evaluation)
13. <http://www.cbse.nic.in/cce/index.html>

**SEMESTER-I****Specialisation-Core Course****PAPER-IV A (S)****a) INSTITUTIONS, SYSTEMS AND STRUCTURES AT SECONDARY AND SENIOR  
SECONDARY SCHOOL STAGE****Credits: 2****Time: 1½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives:**

On Completion of this course the students will be able to:

- Understand the various institutions of secondary education
- Gain insight into the structure of secondary education
- Familiarize with the administrative system of secondary education

**UNIT-I****System and Structure of Secondary Education in India**

- a) Secondary education: Concept and development
- b) Structure and Administrative System of secondary education:
  - i) at state level
  - ii) at national level

**UNIT-II****Institutions of Education**

- a) Institutions related to secondary education at national level: Structure and functions of CBSE (Central Board of Secondary education) ,ICSE (Indian Council of Secondary Education), NIOS (National Institute of Open Schooling)
- b) Institutions related to secondary education at state level: Structure and functions of State Board, with reference to Punjab(PSEB)

**SESSIONAL WORK****Marks: 15**

Report on norms and conditions for affiliation to

- PSEB
- CBSE

**REFERENCES:**

1. Aggarwal, J.C. & Gupta, S. (2007). *Secondary education-history, problem and management*. New Delhi: Shipra publications.
2. Nayak. A.K & Rao. V.K. (2010). *Secondary education*. Darya Ganj. New Delhi: Aph publishing house.
3. Mathur, S.S. (2011). *Teacher and secondary education*. Agra-2: Aggarwal publications.
4. Gupta, V.K. & Gupta, Ankur (2005). *Development of education system in India*. Ludhiana: Vinod publication.
5. Jayapalan, N. (2002). *Problems of Indian education*. New Delhi: Bhargava Publication.
6. Sachadeva, M.S. & Umesh (2005). *A Modern approach to education in emerging Indian society*. Ludhiana: Vinod publication.
7. Sodhi, T.S. (2005). *Development of Education System in India*. Patiala: Bawa Publications.
8. <http://cbse.nic.in/>
9. <http://www.nios.ac.in/>
10. <http://www.pseb.ac.in/>
11. [http://en.wikipedia.org/wiki/Diet,\\_India](http://en.wikipedia.org/wiki/Diet,_India)
12. <http://www.educationforallinindia.com/page112.html>
13. [http://en.wikipedia.org/wiki/Central\\_Institute\\_of\\_Educational\\_Technology](http://en.wikipedia.org/wiki/Central_Institute_of_Educational_Technology)
14. <http://ciet.nic.in/>

**SEMESTER-I****Specialisation-Core Course****PAPER-IV A (S)****b) SECONDARY AND SENIOR SECONDARY STAGE – STATUS, ISSUES AND CONCERNS****Credits: 2****Time: 1½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course objectives:**

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

- Understand the functions of secondary education
- Gain insight into the status of secondary education
- Familiarize with the present problems of secondary education
- Critically appraise various aspects of secondary education

**UNIT-I****Secondary Education in India**

- a) Status of Secondary and Higher Secondary Education in India with reference to Punjab State
- b) Universalization of Secondary Education (USE): Issues and Concerns

**UNIT-II****Problems and Challenges of Secondary Education in India**

- a) Problems and challenges of secondary education (access, enrolment, dropout, achievement and equality of educational opportunities, education of girls, disadvantaged and differently abled children)
- b) Government interventions for Quality concerns in Secondary and Higher Secondary Education with special emphasis on RMSA.



**SESSIONAL WORK****Marks: 15**

- Critical analysis of present status of any secondary school.
- Report on problems and challenges of secondary education with special reference to girl child.

**REFERENCES:**

1. Aggarwal, J.C. & Gupta, S. (2007). *Secondary education-history, problem and management*. New Delhi: Shipra publications.
2. Nayak. A.K. & Rao. V.K. (2010). *Secondary education*. Darya Ganj. New Delhi: Aph publishing house.
3. Mathur, S.S. (2011). *Teacher and secondary education*. Agra-2: Aggarwal publications.
4. Gupta, V.K. & Gupta, Ankur (2005). *Development of education system in India*. Ludhiana: Vinod publication.
5. Jayapalan, N. (2002). *Problems of Indian education*. New Delhi: Bhargava Publication.
6. Sachadeva, M.S. & Umesh (2005). *A Modern approach to education in emerging Indian society*. Ludhiana: Vinod publication.
7. Sodhi, T.S. (2005). *Development of Education System in India*. Patiala: Bawa Publications.
8. [http://www.ncert.nic.in/departments/nie/dse/deptt/activities/pdfs/chapter\\_1.pdf](http://www.ncert.nic.in/departments/nie/dse/deptt/activities/pdfs/chapter_1.pdf)
9. <https://www.amrita.edu/news/national-conference-universalization-secondary-education>
10. <http://www.nuepa.org/Download/Publications/Create/PTA%202011/PTA63.pdf>

**SEMESTER-I****Specialisation-Core Course****PAPER-IV A (S)****c) SECONDARY AND SENIOR SECONDARY STAGE- CURRICULUM, PEDAGOGY AND ASSESSMENT****Credits: 2****Time: 1½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives**

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

- Gain insight into the structure of curriculum and pedagogy
- Evolve concepts of pedagogical knowledge
- Familiarize with the assessments suggested by national reports
- Study various models of curriculum assessment

**UNIT-I****Curriculum and Pedagogy**

- a) Issues of teaching and learning, medium of instruction, personalizing knowledge, the process of transforming subject- matter knowledge into teaching material and pedagogic strategies for secondary classroom.
- b) Evolving conceptions of pedagogical knowledge as an integration of knowledge about the learner, disciplinary knowledge, knowledge of curriculum and the educational contexts and aims; nurturing inquiry and supporting children's learning.

**UNIT-II****Curriculum and Assessment**

- a) Assessment of curriculum suggested through the national report (NCF, 2005) on secondary stage education.
- b) **Assessment Models of Curriculum Development:** Need Assessment Model, Futuristic Model, Vocational/Training Model, with special reference to analysis of needs, Election of Objectives, Selection and Organization of Content / Learning Experiences and Evaluation.

**SESSIONAL WORK****Marks: 15**

- Critical assessment of curriculum suggested through national report (NCF, 2005) on secondary education
- Critical assessment of any one model of development of curriculum (need assessment model, futuristic model, vocational / training model)

**REFERENCES:**

1. Aggarwal, Deepak (2007). *Curriculum development: Concept, Methods and Techniques*. New Delhi: Book Enclave
2. Daniel Tanner, Lawel N. Tanner (1975). *Curriculum Development theory into practice*. New York: Macmillan Publishing Co. Inc.
3. Diamond Robert M. (1986). *Designing and Improving Courses in Higher Education: A Systematic Approach*. California: Jossey-Bass Inc. Publication.
4. Joseph, P.B. et al; (2000). *Cultures of Curriculum (studies in Curriculum Theory)*. New York: Teacher College Press.
5. Mrunalini Talla (2012). *Curriculum Development: Perspectives, Principles and Issues*, India: Pearson Education.
6. NCERT (2005). *National Curriculum Framework*. New Delhi
7. Oliva, Peter F. (1988). *Developing the Curriculum*. Scott and Foresman and Co.
8. Reddy, B. (2007). *Principles of curriculum planning and development*.
9. Taba Hilda (1962). *Curriculum Development: Theory and Practice*. New York: Harcourt Brace, Jovanovich Inc.

**SEMESTER-I****PRACTICUM-I: COMMUNICATION AND EXPOSITORY WRITING****Credit: 1****Total Marks: 25  
(Internal)****Course objectives**

On the completion of the course the Students will be able to:

- Enhance their ability to listen, converse, speak, present, explain and explicit their ideas
- Understand the basics of communication
- Be a good and effective speaker and listener
- To perform Expository writing

**UNIT-I****Communication**

- a) Concept, Process and Barriers to Effective Communication
- b) Types of Communication, Do's and Don'ts of Effective communication
- c) Principles of Effective Speaking and listening, Essentials of good presentation of thesis

**UNIT-II****Expository Writing**

- a) Concept, Aims and Different Patterns/ Strategies of Expository Writing
- b) Types of Expository Writing
- c) Steps to be followed in Expository Writing of a thesis/report

**Note: The course has to be taught through workshops based on ICT and Educational Technology.**

**REFERENCES:**

1. Bhushan, A. & Ahuja, M. (2003): *Educational Technology; Theory & Practice (2nd Edition)*. Patiala: Bawa Publications.
2. Das, R.C. (1993): *Educational Technology: A Basic Text*. New Delhi: Sterling Publishers Private Limited.
3. Erikson, B. (1969). *A Systems Approach to Education, Educational Technology, Vol. IX. No.6*.
4. Marshall, E (1998). *The Marshall Plan for Novel Writing*. Cincinnati, OH: *Writer's Digest Books*.
5. Mehra, V. (2004). *Educational Technology*. New Delhi: SSP.
6. Mohanty, (1992). *Educational Technology*. New Delhi: Deep and Deep Publications.
7. Morrell, JP (2006). *Between the Lines: Master the Subtle Elements of Fiction Writing*. Cincinnati, OH: *Writer's Digest Books*.
8. Rozakis, Laurie E (2003). *Complete Idiot's Guide to Grammar and Style*. Penguin.
9. Selgin, P (2007). *By Cunning & Craft: Sound Advice and Practical Wisdom for fiction writers*. Cincinnati, OH: *Writer's Digest Books*.
10. <http://grammer.about.com>
11. <http://study.com/academy/lesson/what-is-expository-writing-definition-exapmls.html>
12. <http://time4writing.com>
13. <http://web.alsde.edu>

**SEMESTER-I****PRACTICUM-II: SELF DEVELOPMENT****Credit: 1****Total Marks: 25  
(Internal)****Course objectives**

On the completion of this course Students will be able to:

- Develop Self Concept
- Understand the importance of Society and Education in Self Development
- Reinforce the gender roles in Self Development
- Perform Yoga for their mental and physical well being

**UNIT-I****Concept of Self**

- a) Self-Development Strategies, Self & Identity process of Socialization
- b) Determinations of personality Development of an individual-biological, Socio-cultural, Personality assessment
- c) Impact of Socio-Cultural environment on Self-development – physical, economic conditions, Cultural practices, technology, Social security & health facility
- d) Gender roles in Self Development–Societal, Schools, Curriculum, Text Books, Media, Law and State

**UNIT-II****Education Development**

- a) **Education as a sub sector of development, Relationship between Linkage:** Education & Development, Human Development Index
- b) **Integrated Education:** Concept and role in Self Development, National Policy for Disabled
- c) **Inclusive Education:** Concept and Role in Self Development
- d) **Mental and Physical Well Being:** Concept and Role of Yoga

**NOTE: The Course has to be taught with the help of different workshops based on above themes and allied areas.**

**REFERENCES:**

1. Baron, R.A. (2007). *Psychology*. India: Porling Kindersley & Pearson Education.
2. Bob Aubrey (2010). *Managing Your Aspirations: Developing Personal Enterprise in the Global Workplace*. McGraw-Hill.
3. Booth, T., Ainscow, M., Black- Hawkins, K., Vaughan, M., & Shaw, L. (2000). *Index for Inclusion: Developing Learning and Participation in Schools*. Centre for Studies on Inclusive Education
4. Chauhan, S.S. (1978). *Advanced Educational Psychology*. New Delhi: Vikas Publishing House.
5. Dececco, J.P. (1968). *The Psychology of Learning and Instruction*. New Delhi: Prentice Hall of India.
6. Hamilton, Mark (1993). *The Self-Leader*. Amazon.com: NEO-TECH BOOKS.
7. Lazrus, Richard, S. (1963). *Personality and Adjustment*. Englewood Cliffs: Prentice Hall.
8. Rahman, M. A. (1993). *People's self-development: perspectives on participatory action research. A journey through experience*.
9. Rajbir Singh (2007). *Psychology of Well Being*. New Delhi: Global Vision Publishing House.
10. Snyder, C. R. & Lopez, S. J. (2008). *Positive Psychology*. New Delhi: Sage Publications India Pvt. Ltd.

**SEMESTER-II****PAPER-I  
SOCIOLOGY OF EDUCATION**

**Credits: 4**  
**Time: 3 Hrs.**

**Total Marks: 100**  
**Theory: 70**  
**Sessional Work: 30**

**Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives**

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

- Understand the nature of education as a social sub- system.
- Analyze education from different sociological perspectives and theoretical framework.
- Understand educational institution as an agency of socialization.
- Reflect upon educational problems and issues related to the weaker sections of the society.
- Know how education is embedded in social structure and culture.

**UNIT-I****Education and Sociology**

- (a) Concept and nature of sociology of Education, Difference between Sociology of Education and Educational Sociology; Social organization; Social groups; Social stratification and Social mobility.
- (b) Education as a social sub- system.

**UNIT-II****Social Change and Socialization**

- (a) **Social Change:** Meaning and Nature, Constraints and factors (Caste, Ethnicity, Language, Class, Religion and Regionalism) of social change in India.
- (b) Process of socialization and acculturation of the child - critical appraisal of the role of school, parents, peer group and the community.



**UNIT-III****Socio Cultural Context of Education**

- (a) Education as related to Social Equity (with special reference to SC, ST, Women and Rural Population).
- (b) Equality of Educational opportunities (with special reference to SC, ST, Women and Rural Population).

**UNIT-IV****Education and Culture**

- (a) Concepts of Culture, Sub-Culture and Multiculturalism. Relationship between culture and education; Cultural determinants of education.
- (b) Goals and Characteristics, Dimensions of Multicultural Education (Content Integration, Knowledge Construction, Equity Pedagogy, Prejudice Reduction, School Culture).

**SESSIONAL WORK****Marks: 30**

- Assignments based on status of education of socio-economically disadvantaged children of India.
- Report of critical analysis of educational opportunities with reference to gender.

**REFERENCES:**

1. Brambeck, C. S. (1966). *Social Foundation of Education - A Cross Cultural Approach*. New York: John Willey.
2. Banks, J. (2004). Approaches to multicultural curriculum reform. In J. Banks & C. Banks (Eds.), *Multicultural education: Issues and perspectives*. San Francisco, CA: Jossey-Bass.
3. Banks, J. (2004). Multicultural education: Characteristics and goals. In J. Banks & C. Banks (Eds.), *Multicultural education: Issues and perspectives*. San Francisco, CA: Jossey-Bass.
4. Brookover, W.B, and Erickson. E.L. (1973). *Sociology of Education Illinois*. The Dorsey Press.
5. Chandra, S.S. (1996). *Sociology of Education*. Guwahati, Eastern Book House.

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

6. Chesler, M.A. & Cave, W.M. (1981). *Sociology of Education*. New York: Macmillan Publishing co, Inc.
7. Coffey, A. (2001). *Education and Social Change*. Buckingham: Open University Press.
8. Hallinan, M.T. (Eds). (1987). *Social Organisation of Schools*. New York: Plenum Press.
9. Hallinan, M.T. (Eds). (2000). *Handbook of the Sociology of Education*. USA: Springer.
10. Hunt, M.P. (1973). *Foundation of Education Social and Cultural Perspectives*. New York: Halt, Rinehart and Winston.
11. Havighurst, Robert et al. (1995). *Society and Education*. Baston: Allyen and Bacon.
12. Inkeles, Alex. (1987). *What is Sociology?* New Delhi: Prentice Hall of India.
13. Maunheim, K. et al. (1962). *An Introduction to Sociology of Education*. London: Routledge and Kegan Paul.
14. Mathur, S.S. (1985). *A Sociological Approach to Indian Education*. Agra: Vinod Pustak Mandir.
15. Mossish, loor. (1972). *Sociology of Education: An Introduction*. London: George Allen and Unwin.
16. Meighan, R.A. (1986). *Sociology of Education*. London: Cassell Education Ltd.
17. Mohanty, Jagannath. (2005). *Teaching of Sociology New Trends and Innovations*. New Delhi: Deep and Deep Publication Pvt. Ltd.
18. Mujibul Hasan Siddiqu. (2009). *Philosophical and Sociological Perspectives in Education*. New Delhi: A.P.H. Publishing Corporation.
19. Parelius, A.P. & Parelius, T.J. (1978). *The Sociology of Education*. New Jersey: Prentice Hall Inc.

**SEMESTER-II****PAPER-II****HISTORICAL-POLITICAL PERSPECTIVE OF EDUCATION**

**Credits: 4**  
**Time: 3 Hrs.**

**Total Marks: 100**  
**Theory: 70**  
**Sessional Work: 30**

**Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives**

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

- Gain insight into the ancient Indian education system.
- Understand the general development and progress of education prior to independence and after independence.
- Familiarize with the landmarks of education structure existing in India.
- Reflect on changing political context of education and support system of education.

**UNIT-I****Progress of Education in Ancient Indian Education (with respect to the following philosophies)**

- a) Vedanta
- b) Buddhism
- c) Jainism
- d) Islamic

**UNIT-II****Progress of Education in British Period**

Review of British period of Education, with reference to:

- a) Macaulay's Minutes
- b) Woods Despatch
- c) Sargent Commission.

**UNIT-III****Progress of Education after Independence**

- a) Constitutional Provision for Education
- b) University Education Commission (1948) ,Secondary Education Commission (1952-53), Indian Education Commission (1964-66)
- c) National Policy on Education (1986), Modified Programme of Action (1992)

**UNIT-IV****Educational Transformation and Political Process**

- a) Dynamic relationship of education with political process.
- b) Process related to the role of educational transformation in national development, National Values as enshrined in the Indian Constitution and their educational implications.

**SESSIONAL WORK****Marks: 30**

- Prepare a reflective report on the salient features of NPE-1986, 1992
- Critical assessment of educational implications of any one philosophy (Vedanta, Buddhism, Jainism, Islamic.)

**REFERENCES:**

1. Aggarwal, J.C. (1993): Landmarks in the History of Modern Indian Education. Vikas Publishing House, New Delhi.
2. Aggarwal, J.C. (2002): Development and Planning of Modern Education. Vikas Publishing House, New Delhi
3. Baskin, Wade. (1966). *Classics in Education*. Vision: Press London.
4. Brubacher, John S. (1969). *Modern Philosophies of Education*. New Delhi: Tata McGraw Hill.
5. Broudy, H.S. (1977). *Building a Philosophy of Education*. New York: Krieger.
6. Chauble, S. P. (1955). *A History of Education*. Allahabad: Bharat Publication.
7. Dupuis, A.M. (1972). *Philosophy of Education in Historical Perspective*. New Delhi: Thomson Press.

8. Gore, M.S. (1984). *Education and Modernization in India*. Jaipur: Rawat Publishers.
9. Karbir Humayun. (1961). *Education in New India*. Asia Publishing House.
10. Kneller, George F. (1978). *Foundations of Education*. John Wiley and Sons.
11. Mukherjee, S.N. (1955). *History of Education in India*. Baroda: Acharya Book Depot. New Delhi: National Publishing House.
12. Mukerji S. N. (1960). *Education in India To-day & Tomorrow*. Baroda: Acharya Book.
13. Narvane, V.S. (1978). *Modern Indian Thought*. , New York: Orient Longmans Ltd.
14. Nurullah & Naik. (1951). *History of Indian Education*. Bombay: Macmillan & Co.
15. Power, Edmund, J., *Main Currents in the History of Education*, McGraw Hill Book Co.Inc., New York, 1962.
16. Panday, V.C. (2005). *Value Education and Education for Human Rights*. Delhi: Isha Books.
17. Passi, B. K. (2004). *Value Education*. Agra: National Psychological Corporation.
18. Rawat, P.L. (1956). *History of Indian Education*. AryaBhait Publication.
19. Sandeep, P. & C. Madhumathi (2008). *Philosophical and Sociological Foundations of Education*. Secunderabad: Veera Educational Services & Consultants Pvt. Ltd.
20. Shanna, Ramnath. (2000). *Textbook of Educational Philosophy*. New Delhi: Kanishka publishers.
21. Sharma, Yogendra K. (2001). *History & Problems of Education*. Vol I. New Delhi.
22. Somnath, Agrawal. (2007). *Philosophical Foundations of Education*. Authors Press.
23. Taneja, V.R. (2006): *Foundation of Education*. Mahindra Capital Publishers, Chandigarh.
24. Thakur, A. S. & Berwal, S. (2007). *Education in Emerging Indian Society*. Vikas Publication.
25. Wing Max (1975). *Philosophies of Education – An Introduction*, London: Oxford University Press.

**SEMESTER-II****PAPER-III  
EDUCATION STUDIES**

**Credit: 4**  
**Time: 3 Hrs.**

**Total Marks: 100**  
**Theory: 70**  
**Sessional Work: 30**

**Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course objectives:**

On the completion of the course the students will be able to

- Understand interdisciplinary nature of education
- Explore education system in India
- Understand various types of institutions in India
- Understand Contemporary concerns of policy practices

**UNIT-I****Education as a Discipline**

- a) **Education as a Discipline:** Concept, parameters.
- b) Concept and forms of Knowledge, Interdisciplinary nature of education with respect to different disciplines.

**UNIT-II****Education System in India**

- a) Pre-primary, Primary, Secondary, Higher Secondary, Higher Education
- b) **Types of Institutions:** Government and non-government (private, public, public private partnership and NGO) with reference to their affiliations and functions.

**UNIT-III****Contemporary Concerns of Policy Practices**

- a) Contemporary concerns of education for marginalized groups, differently abled, gender.
- b) Education for Human Resource Development, excellence in quality of Life.

**As reflected in educational policies** (National Policy on Education (1986), Modified Programme of Action (1992), Five year plans, RUSA, RMSA, SSA, RTE 2009.)

**UNIT-IV****Educational Textbooks: Indian/Western Thinkers**

- a) 'On Education' by Jiddu Krishnamurti
- b) 'The Education of Man' by Friedrich Froebel
- c) 'Ignited Minds: Unleashing the power within India' by APJ Abdul Kalam
- d) 'On Education' by Bertrand Russell

**SESSIONAL WORK****Marks: 30**

- Read and reflect on the below mentioned books
  - i. Wings of Fire (APJ Abdul Kalam)
  - ii. The Discovery of India (Jawaharlal Nehru)
- Presentation on the practices that can be implemented for improving the quality of life of marginalized groups.

**REFERENCES:**

1. Aggarwal, J.C. (1993). *Landmarks in the History of Modern Indian Education*. New Delhi: Vikas Publishing House.
2. Aggarwal, J.C. (2004). *Development of Education system in India*. New Delhi: Shipra Publications.
3. Bhatia, K.K. (2008). *Development of Education System in India*. Ludhiana: Tandon Publications.
4. Chand, T. (2005). *Development of Educational system in India*. New Delhi: Anmol Publications.
5. Ghosh, S. (2009). *Education in Emerging Indian Society: The Challenges and Issues*. New Delhi: PHI Learning Private Ltd.
6. Gore, M.S. (1982). *Education and Modernization in India*. Jaipur: Rawat Publication.
7. Gupta, V.K. (1996). *Education in Emerging Indian Society*. Jalandhur: New Academic Publishing House.
8. Kothari Commission (1964-66). *Ministry of Education- Education Commission Report*.
9. Naik J.P. (1965). *Educational Planning in India*: Allied Publishers.
10. Singh R.P. (1993). *Indian Education- In Depth Studies*. New Delhi: Commonwealth Publishers.
11. Dearden R. F. (1984). *Theory and practice in Education*. Routledge K Kegan & Paul.

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

12. Dewey, J. (1916/1977). *Democracy and Education: An introduction to the philosophy of education*. New York: Macmillan.
13. NCTE (2009) *National Curriculum Framework for Teacher Education*. New Delhi.
14. NCERT (2005). *National curriculum framework*, New Delhi.
15. Peters, R.S. (1967). *The Concept of education*. United Kingdom: Routledge.
16. [http://en.wikipedia.org/wiki/Education\\_in\\_India](http://en.wikipedia.org/wiki/Education_in_India)
17. <http://www.expatarrivals.com/india/education-and-schools-in-india>
18. <http://www.indiaeducation.net/cbse/objectives.aspx>
19. <http://www.slideshare.net/PlanComIndia/school-education-and-literacy-in-the12th-plan>
20. <http://www.indiaeducationreview.com/article/approach-education-twelfth-five-year-plan>
21. <http://mhrd.gov.in/rmsa>
22. <http://www.rmsaindia.org/en/>
23. [http://en.wikipedia.org/wiki/Right\\_of\\_Children\\_to\\_Free\\_and\\_Compulsory\\_Education\\_Act](http://en.wikipedia.org/wiki/Right_of_Children_to_Free_and_Compulsory_Education_Act)
24. <http://righttoeducation.in/>
25. <http://mhrd.gov.in/rte>
26. [http://books.google.co.in/books/about/On\\_Education.html?id=puY\\_55fBtJgC&redir\\_esc=y](http://books.google.co.in/books/about/On_Education.html?id=puY_55fBtJgC&redir_esc=y)
27. <https://books.google.co.in/books?id=IbIpkb-7RRAC&printsec=frontcover&dq=inauthor:%22Jiddu+Krishnamurti%22&hl=en&sa=X&ei=8rUbVZmNJJ DauQSKwIKYCQ&ved=0CEkQ6AEwCA#v=onepage&q&f=false>
28. [http://en.wikipedia.org/wiki/Wings\\_of\\_Fire](http://en.wikipedia.org/wiki/Wings_of_Fire)
29. <https://books.google.co.in/books?id=rZyaL8bPaW4C&printsec=frontcover&dq=inauthor:%22Friedrich+Fröbel%22&hl=en&sa=X&ei=m7gbVa2tL8KiugTy3oDICA&ved=0CB0Q6AEwA#v=onepage&q&f=false>



**SEMESTER-II****PAPER-IV  
FUNDAMENTALS OF TEACHER EDUCATION**

**Credits: 4**  
**Time: 3 Hrs.**

**Total Marks: 100**  
**Theory: 70**  
**Sessional Work: 30**

**Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:**

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

- Understand the objectives of NCF (2005) and NCFTE (2009).
- Familiarize with different modes of pre service teacher education.
- Gain insight into the transactional approaches for foundational and developmental courses.
- Know the different modes of in service teacher education
- Evaluate various components of a pre-service and in-service teacher education programs

**UNIT-I****Structure and Modes of Pre-service Teacher Education**

- a) Pre-service teacher education – concept, nature, objectives, vision and structure, w.r.t. NCF (2005) , NCFTE (2009)
- b) Student teacher as an adult learner – characteristics. Concept of andragogy and its principles.
- c) Modes of pre-service teacher education – face-to-face (linear and integrated), distance and online – relative merits and limitations

**UNIT-II****Organization of Different Components of Teacher Education Curriculum**

- a) Transactional approaches for the foundation courses – Expository, Participatory, Collaborative, Peer Coaching, and Inquiry. Scope and possibilities for organization and evaluation
- b) Transactional approaches for the skill and competency development courses – need for awareness-modeling-analysis-practice-feedback cycle – scope and possibilities for organization and evaluation – practicum records and portfolio assessment
- c) Concept and scope of school based practicum and internship – the existing practices, their nature, objectives, organization and duration. Activities and experiences in pre-internship, internship and post-internship

**UNIT–III****In-service Teacher Education in India – Concept, Structure and Modes**

- a) Concept, need for continuing professional development of a teacher – areas of professional development. Purpose of an in-service teacher education programme – orientation, refresher, workshop, seminar and conference – their meaning and objectives
- b) The structure for in-service teacher education – district, state, regional and national level agencies and institutions.
- c) Modes of in-service teacher education: - Modes of in-service teacher education – face-to-face, distance mode, online and mixed mode. - induction, one shot, recurrent, cascade, multi-site, school based and course work scope, merits and limitations of each of them

**UNIT–IV****Planning, Organising and Evaluating an In-service Teacher Education**

- a) Designing an in-service teacher education programme – steps and guidelines – assessment of training needs, formulation of training curriculum, preparation of course material
- b) Organizing an in-service teacher education programme – common problems faced by a teacher educator and guidelines for communication, arrangement, preparation, facilitating participation and collecting feedback and evaluation.
- c) Qualities and characteristics of an effective in-service teacher educator

**SESSIONAL WORK****Marks: 30**

- Critical analysis of teacher education programme at secondary stage, implemented by NCTE.
- Record to be submitted on reflections during internship and study of the teacher education on instructional and evaluation practices.

**REFERENCES:**

1. Balsare Maitraya (2005). *Administration and Reorganisation of teacher education*. New Delhi India: Kanishka Publishers.
2. Beck, Clive & Clark Kosnik Albany (2006). *Innovations in Teacher Education: A Social Constructivist approach*. State University of York.
3. Caggart, G.L. (2005). *Promoting Reflective Thinking in Teachers*. Crowin Press.
4. Keith (2004). *A Guide to Teaching Practice (5th edition)*. Rout ledge Falmer. London and New York.
5. Day, C. & J. Sachs, J. (Ed.) (2004): *International Handbook on the Continuing Professional Development of Teachers*. Maidenhead, Brinks Open University Press.
7. Herne Steve, Jessel John & Griffith, Jenny (2000). *Study to Teach: A Guide to Studying in Teacher Education*. Rout ledge Falmer. London and New York.
8. Irvine, J.J. (2003). *Educating teachers for diversity: Seeing with a cultural eye*. New York: Teachers College Press.

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

9. Joyce, B., and Weal, M. (2003). *Modals of Teaching (7th Ed.)*. Boston: Allyn & Bacon.
10. Korthagen, Fred A.J. et al; (2001). *Linking Practice and Theory: The Pedagogy of Realistic Teacher Education*. Lawrence Erlbaum Associates.
11. Lampert, M. (2001). *Teaching problems and the problems of teaching*. New Haven: Yale University Press.
12. Linda Darling Hammond & John Bransford (ed) (2005). *Preparing Teachers for a Changing World*. San Francisco: Jossey-Bass.
13. Linda Darling, Harmmond & John Bransford (2005). *Preparing Teachers for a changing World*. John Wiley & Son Francisco.
14. Loughran, John (2006). *Developing a Pedagogy of Teacher Education: Understanding Teaching and Learning about Teaching*. New York: Routledge.
15. Martin, D. J. & Kimberly S. Loomis (2006). *Building Teachers: A constructivist approach to introducing education*. USA: Wadsworth Publishing.
16. Mohammad Miyan (2004). *Professionalisation of Teacher Education*. New Delhi: Mittal Publications.
17. NCTE (1998). *Competency Based and Commitment Oriented Teacher Education for Quality School education: Pre- Service Education*. New Delhi.
18. NCTE (1998). *Policy Perspectives in Teacher Education*. New Delhi.
19. NCTE. (1998). *Policy Perspective in Teacher Education- Critique and Documentation*. NCTE New Delhi.
20. Ram, S. (1999). *Current Issues in Teacher Education*. New Delhi: Sarup & Sons Publications
21. Rao, Digumarti Bhaskara (1998). *Teacher Education in India*. New Delhi: Discovery Publishing House.
22. Reimers, Eleonora Villegas (2003). *Teacher Professional development: an international review of the literature*. Paris: UNESCO: IIEP
23. Schon, D. (1987). *Educating the Reflective Practioner: Towards a New Design for Teaching and Learning in the Professions*. New York: Basic Books.
24. Sharma, Jagdish Prasad (2009). *Teacher Education*. New Delhi: Centrum Press.
25. Sharma, R.A. (2008). *Distance Education*. Merrut: International Publishing.
26. Siddiqui, M.A. (1993). *In-Service Education of Teachers*. NCERT. New Delhi.
27. Singh U.K and Sudershan K.N (2005). *Teacher Education*. New Delhi: Discovery Publishing House.
28. Srivestava, G.N. Prakash (2004). *Perspectives in Teacher Education*. New Delhi: Concept Publishing House.
29. Tomar Monica and Scrita (2007). *Teacher Education: Making education effective*. Delhi: Isha Books.
30. Yadav, M.S. & Lakshmi, T.K.S. (2003). *Conceptual inputs for Secondary Teacher Education: The instructional Role*. India, NCTE. 44
31. Mathur, SS and Agarwal P. (2011). *Teacher and Secondary Education*. Agra: Aggarwal Publications.
32. Sharma, S.P., (2012). *Teacher Education Principles theories and Practices (2<sup>nd</sup> Edition)*. New Delhi. Kanishka Publishers.

**SEMESTER-II****PAPER-V****STAGE SPECIFIC INTERNSHIP IN TEACHER EDUCATION INSTITUTION  
(ELEMENTARY/SECONDARY AND SENIOR SECONDARY STAGE)****Credits: 4****Marks: 100 (Sessional)****Duration: 4 weeks**

- Internship of 4 weeks in a teacher Education institute relevant to the area of specialization (Elementary / Secondary / Senior Secondary) is compulsory.
- Interns will be evaluated at institution level by the teacher educator. The distribution of 100 marks of internship will be as under:
 

a) Performance in teaching B.Ed. Classes	20
b) Performance in 2 demonstration lessons.	20
c) Preparation of 10 lessons plans (5 composite + 5 based on different models) in school subjects.	20
d) Preparation of a Question paper/ Rating scale.	10
e) Resources used during teaching program. (Aids/Innovations)	10
f) Observation/Reflection of at least 10 lessons delivered by peer group.	10
g) Field report based on the area of specialization.	10

The Sessional Work will be evaluated by the supervisor and principal of institution where internship is being organised co-ordinated by Principal of the College/Head of the Department where student is studying. The student will also seek a certificate from the Principal of the Institution where internship is being organized counter signed by the supervisor and Principal of the College/Head of the Department.

**SEMESTER-II****PAPER-VI****DISSERTATION (Formulation of Synopsis)****Credits: 2****Marks: 50 (Sessional)**

Every candidate shall submit the synopsis on an educational problem under the guidance of supervisor from department of the university/institute/college at the end of semester II upto 30<sup>th</sup> April. This must be finalized in the in house interaction meet of the research committee formulated in the University Department/ College/ Institution. The sessional work will be evaluated by the research committee.

**SEMESTER-III****PAPER-I****Course Title: ADVANCED EDUCATIONAL RESEARCH METHODOLOGY****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Understand the different research methodologies.
- Gain insight and reflect upon various issues and problems of educational research.
- Use different statistical techniques for analysis of data.

**UNIT-I**

1. **Experimental Research:** Nature of experimental research, Variables in experimental research - independent, dependent and confounding variables; ways to manipulate an independent variable, purpose and methods of control of confounding variables  
Experimental Research designs: Single-Group Pretest - Posttest Design, Pretest - Posttest Control-Group Design, Posttest only Control-Group Design, and Factorial Design  
Quasi-Experimental Designs: Nonequivalent Comparison Group Design, and Time-Series Design  
Internal and external validity of results in experimental research
2. Steps in Non- Experimental Research; Simple cases of Casual-Comparative and Correlational research; necessary conditions for causation  
Techniques of control: matching, holding the extraneous variable constant and statistical control
3. **Classification by Time:** Cross-sectional, Longitudinal (Trend and Panel studies), and Retrospective; and classification by research objectives-Descriptive, Predictive and Explanatory.

**UNIT-II**

1. **Qualitative Research:** Meaning, Steps and Characteristics; Qualitative research approaches- Phenomenology, Ethnography, Case studies and Grounded theory-characteristics, types, data collection, analysis and report writing
2. Historical Research-Meaning, Significance, Steps, Primary and Secondary Sources of Information, External and Internal Criticism of the Source.
3. Mixed Research-Meaning, Fundamentals Principles, Strength and Weaknesses, Types and, Limitations.

**UNIT-III**

1. Estimation of a Parameter-Concept of parameter and statistics, sampling error, sampling distribution, Standard Error of Mean .Levels of Significance, testing the Significance of difference between the following statistics for independent and correlated samples: Proportions, Means (including small samples), Variances.
2. Analysis of variance and Co- variance (ANOVA and ANCOVA)-concept, assumptions and uses.
3. Analysis of Frequencies using Chi-square-Chi-square as test of goodness of fit and test of independence, contingency coefficient and its uses

**UNIT-IV**

1. Non-Parametric statistics: assumptions and uses of sign test, rank test and median test.
2. Data Analysis in Qualitative and Mixed Research: Memoing, Analysis of visual data, segmenting coding and developing category systems; Enumeration, identifying relationships among categories, constructing diagrams, corroborating and validating results.
3. Use of Computer for Data Analysis- Knowledge of Software for Statistical Analysis such as SPSS, EXCEL, N6 etc for graphical presentations, parametric statistics and non-parametric statistics

**Sessional Work****Marks: 30**

- Critical assessment of statistical technique used in a research report
- Analysis of data using a statistical package SPSS.

**REFERENCES:-**

- Ary, Donald and Jacob (1976): Introduction of Statistics, Purpose and Procedures, New York, Holt Rinehart and Winston.
- Best, J.W. & Kahan J.V. (1995): Research Education, Prentice Hall of India Pvt. Ltd., New Delhi.
- Edwards, A.L. (1960): Experimental Design in Psychological Research, New York, Holts (revised ed.). .
- Gakhar, S.C. (2008): Statistics in Education and Psychology. N.M Publications.
- Garret H.E. (1966): Statistics in Psychology and Educaiton. Vakls, Ferrer and Simson Pvt. Ltd. Mumbai.
- Guilford J.P. (1978): Fundamental Statistics in Psychology and Education. Mc Grew Hell, 6<sup>th</sup> Edition.
- Kaul Lokesh (1984): Methodology of Educational Research, Vikas Publishing House Pvt. Ltd., New Delhi.
- Lindquist; E.F. (1960): Elementary Statistical Methods in Psychology and Education Oxford Book company, New Delhi.
- Pophan, W.J. (1988): Educational Evaluation, Prentice Hall, New Delhi.
- Seigal Sidney (1965): Non-parametric Statistics Mc Grew Hill Books Company, New York
- Tuckman, B.W. (1972): Conducting Educational Research, Harcourt Brace, Javanovich.
- Verman, M. (1965): Introduction to Educational and Psychological Research, Lond. Asia.



**SEMESTER–III****PAPER–II****Course Title: TRENDS IN TEACHER EDUCATION****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

On Completion of this course the students will be able to:

- Gain insight and reflect on policies of teacher education
- Acquainted with the structure and management of teacher education curriculum, infrastructure and resources needed, and the issues and problems related to teacher preparation
- Understand and appreciate the research perspective on various practices in teacher education.
- Develop professional attitudes, values and interests needed to function as a teacher educator
- Develop understanding of various avenues of teacher's professional development
- Reflect on the issues, problems and concerns in teacher education.

**UNIT–I****Perspectives and Policy on Teacher Education**

- a) Teacher Development – Concept, Factors influencing teacher development – personal, contextual.
- b) Approaches to teacher development – self-directed development, cooperative or collegial development, change-oriented staff development.
- c) National and state policies on teacher education – a review

**UNIT–II****Structure and Management of Teacher Education**

- a) Structure of teacher education system in India – its merits and limitations
- b) Professional development of teachers and teacher educators – present practices and avenues
- c) Systemic factors influencing the quality of pre and in-service education of secondary school teachers

**UNIT-III****Research in Teacher Education**

- a) Paradigms for research on teaching – Gage, Doyle and Shulman.
- b) Methodological issues of research in teacher education – direct versus indirect, laboratory versus field research, scope and limitations of classroom observation
- c) Trends of research in teacher education – review of a few recent research studies in teacher education with reference design, findings and policy implications

**UNIT-IV****Problems and Issues in Teacher Education**

- a) Challenges in professional development of teachers – relevance to school education, assurance of quality of teacher education programmes,
- b) Issues related to enhancing teacher competence, commitment and teacher performance
- c) Partnerships in secondary teacher education – TEI with school and community, Government Agencies, with NGOs, between teacher education institutions preparing teachers for different levels of school education

**Sessional Work****Marks: 30**

- A review of researches in any one area of research in teacher education and write the policy implications
- A review of a research article in teacher education and write implications for Practitioner

**REFERENCES:-**

- Balsare Maitraya (2005) *Administration and Reorganisation of teacher education*. Kanishka Publishers, New Delhi India.
- Beck, Clive & Clark Kosnik Albany (2006): *Innovations in Teacher Education: A Social Constructivist approach*. State University of York.
- Caggart, G.L. (2005): *Promoting Reflective Thinking in Teachers*. Crowin Press.
- Cohen Louis, Minion Lawrence & Morrison, Keith (2004). *A Guide to Teaching Practice* (5th edition). Rout ledge Falmer. London and New York.
- Day, C. & J. Sachs, J. (Ed.) (2004): *International Handbook on the Continuing Professional Development of Teachers*. Maidenhead, Brinks Open University Press.
- Herne Steve, Jessel John & Griffith, Jenny (2000). *Study to Teach: A Guide to Studying in Teacher Education*. Rout ledge Falmer. London and New York.
- Irvine, J.J. (2003): *Educating teachers for diversity: Seeing with a cultural eye*. New York: Teachers College Press.
- Joyce, B., and Weal, M. (2003). *Modals of Teaching* (7th Ed.). Boston: Allyn & Bacon.
- Korthagen, Fred A.J.et al; (2001): *Linking Practice and Theory: The Pedagogy of Realistic Teacher Education*. Lawrence Erlbaum Associates.
- Lampert, M. (2001). *Teaching problems and the problems of teaching*. New Haven: Yale University Press.
- Linda Darling Hammond & John Bransford (ed) (2005): *Preparing Teachers for a Changing World*. Jossey-Bass, San Francisco.

MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

- Linda Darling, Hammond & John Bransford (2005): Preparing Teachers for a changing World. John Wiley & Son Francisco.
- Loughran, John (2006): Developing a Pedagogy of Teacher Education: Understanding Teaching and Learning about Teaching. Routledge: New York.
- Martin, D. J. & Kimberly S. Loomis (2006): Building Teachers: A constructivist approach to introducing education. Wadsworth Publishing, USA.
- Mohammad Miyan (2004). Professionalisation of Teacher Education. Mittal Publications. New Delhi.
- NCTE (1998). Competency Based and Commitment Oriented Teacher Education for Quality School education: Pre- Service Education. New Delhi.
- NCTE (1998): Policy Perspectives in Teacher Education. New Delhi.
- NCTE. (1998). Policy Perspective in Teacher Education- Critique and Documentation. NCTE New Delhi.
- Ram, S. (1999): Current Issues in Teacher Education. Sarup & Sons Publications, New Delhi.
- Rao, Digumarti Bhaskara (1998). Teacher Education in India. Discovery Publishing House. New Delhi.
- Reimers, Eleonora Villegas (2003): Teacher Professional development: an international review of the literature. UNESCO: IIEP, Paris.
- Schon, D. (1987): Educating the Reflective Practitioner: Towards a New Design for Teaching and Learning in the Professions. New York, Basic Books. References
- Sharma, Jagdish Prasad (2009) Teacher Education Centrum Press, New Delhi.
- Sharma, R.A. (2008) Distance Education. International Publishing, Merrut Mohanty, Siddiqui, M.A. (1993). In-Service Education of Teachers. NCERT. New Delhi.
- Singh U.K and Sudershan K.N (2005): Teacher Education. Discovery Publishing House, New Delhi India.
- Srivestava, G.N. Prakash (2004) Perspectives in Teacher Education Concept Publishing House, New Delhi.
- Tomar Monica and Scrita (2007) Teacher Education: Making education effective. Isha Books, Delhi. References
- Yadav, M.S. & Lakshmi, T.K.S. (2003): Conceptual inputs for Secondary Teacher Education: The instructional Role. India, NCTE.

**SEMESTER–III****PAPER–III****Course Title: CURRICULUM STUDIES****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives**

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

- Understand the meaning of Curriculum.
- Gain insight into various determinants of curricula
- Conceptualize the knowledge in designing curricula
- Develop the different skills related with different subjects.

**UNIT–I****An Introduction to Curriculum**

- a) History of Curriculum Development
- b) Concept and Components of curriculum, Aims and Principles of Curriculum Construction
- c) Determinants of Curriculum

**UNIT–II****Knowledge and Designing the School Curriculum**

- a) Distinguish between knowledge and information, knowledge as construction of meaning and critical thinking (drawing upon the development of critical theory). exploring the nature of different kinds of knowledge : disciplinary and pedagogical, knowledge of educational contexts, goals and aims within historical and contemporary contexts,
- b) Knowledge of learners; selection of knowledge in designing curricula; implications of different kinds of knowledge for teaching and ways of helping all students to learn.

**UNIT-III****Secondary and Senior Secondary School Curriculum: Language and Social Sciences**

- a) Language Curriculum: focus on language proficiency and communication skills such as listening, speaking, reading and writing in varying contexts and content with reference to metalinguistic awareness.
- b) Social Science Curriculum: Focus on conceptual understanding of different areas of social science like Geography, History, Civics, Economics etc. at Secondary and Senior Secondary stage.

**UNIT-IV****Secondary and Senior Secondary School Curriculum: Science and Mathematics**

- a) Science as a composite discipline focusing on experiments /use of ICT and problem solving at secondary and senior secondary stage.
- b) Understanding and teaching mathematics for developing problem solving skills and analytical abilities at secondary and senior secondary stage.

**Sessional work****Marks: 30**

- Preparation of any one subject curriculum for a specific class at school level
- Preparation of report on issues related with existing curriculum of languages/ social sciences/ sciences/ mathematics

**REFERENCES:-**

- Aggarwal, Deepak (2007). *Curriculum development: Concept, Methods and Techniques*. New Delhi: Book Enclave.
- Daniel Tanner, LawelN.Tannor (1975) .*Curriculum Development theory into practice*. New York: Macmillan Publishing co. Inc.
- Diamond Robert M. (1986). *Designing and Improving Courses in Higher Education: A Systematic Approach*. California, Jossey: Bass Inc. Publication.
- Joseph, P.B. et al; (2000).*Cultures of Curriculum (studies in Curriculum Theory)*. New York: Teacher College Press.
- Mrunalini Talla (2012) .*Curriculum Development: Perspectives, Principles and Issues*. Pearson Education India.
- Oliva, Peter F. (1988). *Developing the Curriculum*. Scott, and Foresman and Co.
- Reddy, B. (2007).*Principles of curriculum planning and development*.
- Ornstein Allen C. and Hunkins Francis. *Principal: Curriculum Foundations, principles and Issues*. Year publisher.
- Saylor Galen J. Levis Arthur J., AlexandarMillian, M. (1981).*Curriculum Planning for better future teaching and learning*. Library of congress cataloguing in Publication Data
- Taba Hilda (1962). *Curriculum Development: Theory and Practice*. New York: Harcourt Brace, Jovanovich Inc.
- <https://subbingformissfrizzle.wordpress.com/2013/01/13/schiro-curriculum-theory-part-4-social-reconstruction-ideology/>
- [http://www.sagepub.in/upm-data/16266\\_Chapter\\_5.pdf](http://www.sagepub.in/upm-data/16266_Chapter_5.pdf)

**SEMESTER–III****PAPER–IV: B(E)****Option: (i) Elementary stage****Specialisation Optional Course- Curriculum Pedagogy and Assessment****Course Title: CURRICULUM DEVELOPMENT****Credits: 2****Time: 1½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives:-**

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

- Develop a broad perspective on curriculum development
- Understand types and approaches of curriculum development.
- Know various models and steps in curriculum development

**UNIT–I****Approaches and types of Curriculum Development**

a) Approaches:

- **Humanistic Curriculum:** Concept, characteristics, purpose, role of the teacher, psychological basis of humanistic curriculum
- **Social Reconstructionist Curriculum:** Concept, characteristics, purpose, role of the teacher in reconstructionist curriculum

b) **Types:** Subject centered or Traditional Curriculum, Activity Centered Curriculum, Experience Centered Curriculum, Undifferentiated Curriculum, Basic Education Curriculum

**UNIT-II****Models and Steps in Curriculum Development**

- a) Models :Tylers-1949 model, Hilda Taba 1962 model, Willes and Bondi-1989 model, Need assessment model , Vocational/Training model (With special reference to analysis of needs, selection of objectives, selection and organization of content/learning experiences and evaluation).
- b) Steps in curriculum development
- Assessment of need with respect to individual and environment
  - Designing a curriculum
  - Situational Analysis
  - Selection of content and method
  - Designing a collaborative curriculum
  - Validation and Implementation
  - Evaluation

**Sessional Work:****Marks: 15**

- Preparation of curriculum of any one subject of the choice of students
- Critical analysis of any one model of curriculum development (Tylers-1949 mode, Hilda Taba 1962 model, Willes and Bondi-1989)

**REFERENCES:-**

- Aggarwal, Deepak (2007).*Curriculum development: Concept, Methods and Techniques*. New Delhi: Book Enclave
- Daniel Tanner, LawelN.Tannor (1975). *Curriculum Development theory into practice*. New York: Macmillan Publishing co.Inc.
- Diamond Robert M. (1986). *Designing and Improving Courses in Higher Education: A Systematic Approach*. California: Jossey-Bass Inc. Publication.
- Joseph, P.B. et al; (2000). *Cultures of Curriculum (studies in Curriculum Theory)*. New York: Teacher College Press.
- MrunaliniTalla (2012).*Curriculum Development: Perspectives, Principles and Issues*, India: Pearson Education.
- Oliva, Peter F. (1988) .*Developing the Curriculum*. Scott, and Foresman and Co.
- Reddy, B. (2007). *Principles of curriculum planning and development*.
- Taba Hilda (1962). *Curriculum Development: Theory and Practice*. New York: Harcourt Brace, Jovanovich Inc.
- <https://subbingformissfrizzle.wordpress.com/2013/01/13/schiro-curriculum-theory-part-4-social-reconstruction-ideology/>
- [http://www.sagepub.in/upm-data/16266\\_Chapter\\_5.pdf](http://www.sagepub.in/upm-data/16266_Chapter_5.pdf)

**SEMESTER–III****PAPER–IV: B(E)****Option: (ii) Elementary stage****Specialisation Optional Course- Educational Planning, Economics and Policy  
Course Title-EDUCATIONAL PLANNING AND ECONOMICS OF EDUCATION****Credits: 2****Time: 1 ½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives:-**

On completion of the course students will be able to

- Acquire Knowledge of political economy of education
- Understand the relationship between education and economic development
- Explain the need, scope and purpose of educational planning

**UNIT–I****Educational Planning and Economic Development**

- a) **Educational Planning:** Concept, scope, significance with special reference to Policy Implementation
- b) Relationship between Educational Planning and Economics of Education
- c) Human Resource Development- strategies of MHRD

**UNIT–II****Evolution of Education Policy in India:**

- a) Major Landmarks- Policy formulation followed by State and Central governments in Education and planning
- b) Indian Constitution: Education in concurrent list, Implications of 73rd amendment
- c) Education as an investment, consumption and transformation of societies.

**Sessional Work:****Marks: 15**

- Critical analysis of administrative system of any educational institution
- Prepare the presentation on various strategies of MHRD in context to teacher education.

**REFERENCES:-**

- A. Gosh: New Horizon in Planning, 1956, Calcutta World Press.
- Baljit Singh, Economics of Indian Education, 1983, Meenakshi Prakashan, New Delhi.
- C.A. Anderson: The Social Context of Educational Planning, 1967.
- Aggarwal, J.C. (2003). Landmark of education in india, Vikas publishing house, New Delhi, 3rd edition.



**SEMESTER-III****PAPER-IV: B(E)****Option: (iii) Elementary stage****Specialisation Optional Course- Educational Management, Administration and Leadership  
Course Title: INSTITUTIONAL ORGANISATION****Credits: 2****Time: 1 ½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives**

On completion of this course students will be able to:

- Understand the concept of school organization and administration.
- Familiarize with various school records,
- Know the need of maintenance of different school records.
- Understand the aims and objectives of school organization and administration.

**UNIT-I****Introduction to School Organisation**

- a) Concept and principles of school organization and administration
- b) Aims and objectives of school organization and administration for general education with reference to pre-primary and elementary level (Primary and upper primary)

**UNIT-II****Introduction to school documentation**

- a) **School Records:** Need and importance of school records, Type of school record: teachers diary, admission and withdrawal register, SLC file, pupils attendance register, teacher attendance register, library books issue register, fund, cash book, stock register, expenditure voucher file, acquaintance roll registrar, PTA/ SMC meeting record register midday meal register, examination register etc.
- b) Maintenance of school-record--progress report, cumulative record, case histories, Continuous and Comprehensive Evaluation (CCE).

**Sessional work:****Marks: 15**

Visit to any one elementary school:

- Prepare a report on the maintenance of school records.
- Prepare a report on mid-day meal programme with respect to qualitative and quantitative aspects.

**REFERENCES:-**

- Stoner, J.A.F. and Freeman, R.E. (1992). Management, Prentices Hall.
- Gosh, B. (1994). A New Look at Organizational behaviour, Bombay: Himalaya Publishing House.
- Adair, John (1985). Effective Decision Making, Panbook London.
- Mathew, M.T. (1993). Organization Theory and Behaviour, Jaipur: RBSA Publishers.
- Sisk, M.L. (1977). Management and Organization, Souths Western Publishing Co. Ohio.
- Evertson, Carolyn (1984). Classroom management for Elementary Teachers, Prentice Hall.
- Naylor, P.R. Dave, P.N., and Arora, K. (1982). The Teacher and education in the Emerging India Society. New Delhi: NCERT.
- Aggarwal, J.C. (1994). Educational Administration Management and Supervision, Principles and Practices. New Delhi. 22
- Kochhar, S.K. (1990). Secondary School Administration, Jalandhar, University Publishers.
- Mathur, S.S. (1990). Educational Administration and Management, Ambala: Indian Publication.
- Vashisht, S.R.(ed.) (1994). School Administration. New Delhi: Anmol Publications

**SEMESTER–III****PAPER–IV: B(E)****Option: (iv) Elementary Stage****Specialisation Optional Course- Inclusive Education****Course Title: INTRODUCTION TO INCLUSIVE EDUCATION****Credits: 2****Time: 1 ½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives:-**

On completion of this course students will be able to:

- Discuss the advantages and challenges of inclusive education.
- Use the methods of enhancing inclusive education.
- Understand the strategies for making inclusive schools.
- Familiarize with various barriers of inclusive education.

**UNIT–I****Introduction to Inclusive Education**

- a) Inclusive Education: Concept, Objectives, Scope and Benefits of Inclusive Education.
- b) Differences between special, integrated and inclusive education

**UNIT–II****Accessing Inclusive Education**

- a) Barriers to Inclusive Education: Systematic Barriers, Societal barriers and Pedagogical barriers.
- b) Fundamental elements of inclusive school and Strategies for making Inclusive schools.

**Sessional Work:****Marks: 15**

Prepare a report on existing barriers related with marginalized groups in any government elementary school

- Gender
- SC/ST

**REFERENCES:-**

- Assessment of Needs for Inclusive Education : Report of the First Regional Workshop of NCERT and UNESCO, 2000.
- Jangira, N.K. and Mani, M.N.G. (1990). *Integrated Education for the Visually Handicapped: Management Perspective*. Gurgaon: Academic Press Rehabilitation Council of India (2000). Status Report on disability 2000.
- Mani, M.N.G. (2001). *Inclusive Education in Indian Context*. Coimbatore, IHRDC
- Mukhopadhyay, S. and Mani. M.N.G. (1999). *Education of Children with Special Needs*, Country Report, New Delhi : National Institute of Educational Planning and Administration.
- Murickan S.J.J, and Kareparampil, G. (1995). *Persons with Disabilities in Society*. Trivandrum: Kerala Federation of the Blind.
- Planning and Managing Inclusive Education in the Indian Context. Department of Education of Groups with Special Needs, NCERT and UNESCO, 2004.
- Punani, B., and Rawal, N. (1993). *Handbook: Visual Impairment*. New Delhi :Asish Publishing House.

**SEMESTER-III****PAPER-IV: B(E)**

**Option: (v) Elementary stage**  
**Specialisation Optional Course- Educational Technology and ICT**  
**Course Title: EDUCATIONAL TECHNOLOGY**

**Credits: 2****Time: 1 ½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives:-**

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

- Understand the role of educational technology and modern innovations in teaching-learning process.
- Analyze the process of teaching and learning
- Use Information communication and technology in teaching learning process.

**UNIT-I****Educational Technology**

- a) **Educational Technology:** Concept, importance, types and its role in education
- b) Emergence and Evolution of Educational Technology and ICT

**UNIT-II****Teaching and Learning**

- a) Concept, characteristics and
- b) Relationship between teaching and learning.

**Sessional Work****Marks: 15**

- Preparation of two lesson plans using ICT.
- Presentation of two lessons by using PowerPoint.

**REFERENCES:-**

- Adam, D.M. (1985). *Computers and Teacher Training: A Practical guide*. New York: The Haworth Pren, Inc.
- Behera, S.C. (1991). *Educational Television Programmes*. New Delhi: Deep and Deep Publications.
- Coburn, P. and et. al. (1985). *Practical Guide to Computers in Education*. AddisonWesley Publishing Company, Inc.
- Das, R.C. (1993). *Educational Technology – A Basic Text*, Sterling Publishers Pvt.Ltd.
- Evaut, M. *The International Encyclopaedia of Educational Technology*.
- Graeme, K. (1969). *Blackboard to Computers: A Guide to Educational Aids*, London, Ward Lock.
- Haas, K.B. and Packer, H.Q. (1990). *Preparation and Use of Audio Visual Aids*, 3<sup>rd</sup>Edition, Prentice Hall, Inc.
- Kumar, N. and Chandiram, J. (1967). *Educational Television in India*, New Delhi: Arya Book Depot.
- Kumar, K.L. (2008). *Educational Technology*. New Delhi: New Age International PvtLtd. Publishers.
- Sharma, B.M. (1994). *Media and Education*. New Delhi: Commonwealth Publishers.
- Sharma, B.M. (1994). *Distance Education*. New Delhi: Commonwealth Publishers.
- Sharma, K.D. and Sharma, D.V. (1993). *Open Learning System in India*. New Delhi: Allied Publishers Ltd.
- Venkataiah, N. (1996). *Educational Technology*. New Delhi: APH Publishing Corporation

**SEMESTER-III****PAPER-IV-B(S)**

**Option: (i) Secondary and Senior Secondary Stage**  
**Specialisation Optional Course- Curriculum Pedagogy and Assessment**  
**Course Title: CURRICULUM DEVELOPMENT**

**Credits: 2****Time: 1 ½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives**

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

- Develop a broad perspective on curriculum development
- Understand types and approaches of curriculum development.
- Know various models and steps in curriculum development

**UNIT-I****Approaches and Types of Curriculum Development****a) Approaches:**

- Humanistic Curriculum: Concept, characteristics, purpose, role of the teacher, psychological basis of humanistic curriculum
- Social reconstructionist curriculum: Concept, characteristics, purpose, role of the teacher in reconstructionist curriculum

b) **Types:** Subject centered or Traditional Curriculum, Activity Centered Curriculum, Experience Centered Curriculum, Undifferentiated Curriculum, Basic Education Curriculum

**UNIT-II****Models and Steps in Curriculum Development**

a) **Models:** Tylers-1949 model, Hilda Taba 1962 model, Willes and Bondi-1989 model, Need assessment model, Vocational/Training model (With special reference to analysis of needs, selection of objectives, selection and organization of content/learning experiences and evaluation).

- b) Steps in curriculum development
- Assessment of need with respect to individual and environment
  - Designing a curriculum
  - Situational Analysis
  - Selection of content and method
  - Designing a collaborative curriculum
  - Validation and Implementation
  - Evaluation

**Sessional Work:****Marks: 15**

- Preparation of curriculum of any one subject of the choice of students
- Critical analysis of any one model of curriculum development (Tylers-1949 mode, Hilda Taba 1962 model, Willes and Bondi-1989)

**REFERENCES:-**

- Aggarwal, Deepak (2007). *Curriculum development: Concept, Methods and Techniques*. New Delhi: Book Enclave
- Daniel Tanner, LawelN.Tannor (1975). *Curriculum Development theory into practice*. New York: Macmillan Publishing co.Inc.
- Diamond Robert M. (1986). *Designing and Improving Courses in Higher Education: A Systematic Approach*. California: Jossey-Bass Inc. Publication.
- Joseph, P.B. et al; (2000). *Cultures of Curriculum (studies in Curriculum Theory)*. New York: Teacher College Press.
- MrunaliniTalla (2012). *Curriculum Development: Perspectives, Principles and Issues*, India: Pearson Education.
- Oliva, Peter F. (1988) .*Developing the Curriculum*. Scott, and Foresman and Co.
- Reddy, B. (2007). *Principles of curriculum planning and development*.
- Taba Hilda (1962). *Curriculum Development: Theory and Practice*. New York: Harcourt Brace, Jovanovich Inc.
- <https://subbingformissfrizzle.wordpress.com/2013/01/13/schiro-curriculum-theory-part-4-social-reconstruction-ideology/>
- [http://www.sagepub.in/upm-data/16266\\_Chapter\\_5.pdf](http://www.sagepub.in/upm-data/16266_Chapter_5.pdf)



**SEMESTER–III****PAPER–IV: B(S)**

**Option: (ii) Secondary and Senior Secondary Stage**  
**Specialisation Optional Course- Educational Planning, Economics and Policy**  
**Course Title-EDUCATIONAL PLANNING AND ECONOMICS OF EDUCATION**

**Credits: 2****Time: 1 ½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives**

On completion of the course students will be able to

- Acquire knowledge of political economy of education.
- Understand the relationship between education and economic development
- Explain the need , scope and purpose of educational planning

**UNIT–I****Educational Planning and Economic Development**

- a) Educational Planning: Concept, scope, significance with special reference to Policy Implementation
- b) Relationship between Educational Planning and Economics of Education
- c) Human Resource Development- strategies of MHRD

**UNIT–II****Evolution of Education Policy in India:**

- a) Major Landmarks- Policy formulation followed by State and Central governments in Education and planning.
- b) Indian Constitution: Education in concurrent list, Implications of 73rd amendment.
- c) Education as an investment, consumption and transformation of societies.

**Sessional Work:****Marks: 15**

- Critical analysis of administrative system of any educational institution
- Prepare the presentation on various strategies of MHRD in context to teacher education.

**REFERENCES:-**

- A. Gosh: New Horizon in Planning, 1956, Calcutta World Press.
- Baljit Singh, Economics of Indian Education, 1983, Meenakshi Prakashan, New Delhi.
- C.A. Anderson: The Social Context of Educational Planning, 1967.
- Aggarwal, J.C. (2003). Landmark of education in india, Vikas publishing house, New Delhi, 3rd edition.

**SEMESTER–III****PAPER–IV: B(S)**

**Option: (iii) Secondary and Senior Secondary Stage**  
**Specialisation Optional Course-Educational Management, Administration and Leadership**  
**Course Title: INSTITUTIONAL ORGANISATION**

**Credits: 2****Time: 1 ½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives**

On completion of the course the students will be able to

- Learn the basic concept of Educational administration, Management and Leadership.
- Understand the basic principal of administration and Management.
- Know the skills and styles of Leadership.

**UNIT–I****Educational Management and Administration**

- a) Concept, Need, Characteristics and Principles of Educational Management and Educational Administration
- b) Scope and importance of Educational Management and Administration.
- c) **Conceptual Difference:** (i) Educational Organization (ii) Educational Administration (iii) Educational management.

**UNIT-II****Educational Leadership**

- a) Concept, need, principles and problems of Leadership.
- b) Leadership traits.
- c) Styles of Educational Leadership: Autocratic, Laissez Faire, Democratic.

**Sessional Work****Marks: 15**

- Prepare the report on leadership qualities of any school principal.
- Comparative study of innovative practices adopted by any two educational institutions.

**REFERENCES:-**

- Bhatia, K.K. and Singh, Jaswant (2002). *Principles & Practice of School Management*. Ludhiana: Tandon Publication.
- Bhatnagar, R.P. and Verma, I.B. (1978). *Educational Administration at College Level*. Meerut: Loyal Book.
- Dash, B.N. (1996). *School Organisation Administration & Management*. Hyderabad: Neel Kamal Publications Pvt. Ltd.
- Sachdeva, M.S. (2001). *School Management*. Ludhiana: Bharat Book Centres.
- Sarkaria, M.S., Singh, Jaspal and Gera, Manju (2008). *Modern School Management*. Ludhiana: Kalyani Publishers.
- Sodhi, T.S. and Suri, Anaina (2002). *Management of School Education*. Patiala: Bawa Publication.
- Sharma, T.S. (2005). *School Management and Administration*. Patiala: Shaheed-E-Azam Printing Press.

**SEMESTER–III****PAPER–IV: B(S)**

**Option: (iv) Secondary and Senior Secondary Stage  
Specialisation Optional Course- Inclusive Education  
Course Title- INCLUSIVE EDUCATION AND ITS POLICIES**

**Credits: 2****Time: 1 ½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives:-**

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

- Understand concept of inclusive education.
- Explain special education, integrated education and inclusive education practices.
- Gain insight of the recommendations of policies for inclusive education.

**UNIT–I****Introduction to Inclusive Education**

- a) Historical perspective of Inclusive Education
- b) Concept of Special Education, Integrated Education and Inclusive Education
- c) Need, Objectives & scope of Inclusive Education

**UNIT–II****Policies for Inclusive Education**

- a) Concept and meaning of diverse needs
- b) Current national and international initiatives
- c) Policy perspectives supporting inclusion of children with diverse needs.

**Sessional work****Marks: 15**

- Visit to special/integrated/inclusive classrooms – prepare a report
- Critical analysis of any policy for children with diverse needs.

**REFERENCES:-**

- Ahuja. A. & Jangira, N.K. (2002).*Effective Teacher Training; Cooperative Learning Based Approach*. New Delhi: National Publishing house.
- Ainscow, M. & Booth. T (2003).*The Index for Inclusion: Developing Learning and Participation in Schools*. Bristol: Center for Studies in Inclusive Education.
- Chintamanikar, K.(1992).*Exceptional Children-Their Psychology and Education*, New Delhi: Sterling Publishers Pvt. Ltd.,
- Dash M.(2005). *Education of Exceptional Children*. New Delhi: Atlantic Publications and Distributors
- Jangira N.K. and Mani, M.N.G. (1990).*Integrated Education for Visually Handicapped*, Gurgaon, Old Subjimandi, Academic Press.
- Jha, M. M. (2002). *School without Walls: Inclusive Education for All*, Oxford: Heinemann Education.
- Sharma P.L (2003).*Planning Inclusive Education in Small Schools*, R .I E. Mysore.
- Sharma, P.L. (1990).*Teachers handbook on IED-Helping children with special needs*N.C.E.R .T. Publication
- Wornock,M.(1978) “*Special Educational Needs*”.Report of the Committee of the Inquiry into the People,HMSO.

**SEMESTER-III****PAPER-IV: B(S)**

**Option: (v) Secondary and Senior Secondary Stage  
Specialisation Optional Course-Educational Technology and ICT  
Course Title: EDUCATIONAL TECHNOLOGY**

**Credits: 2****Time: 1 ½ Hrs.****Total Marks: 50****Theory: 35****Sessional Work: 15****Instructions for the Paper Setters:-**

- The syllabus consists of two units. Unit I & II.
- The question paper will consist of three units. Unit I, II and III.
- In unit I, II, there will be two questions from each unit of the syllabus (unit I & II). The students will attempt any one question from each unit. Each question carries 10 marks.
- Unit III will be compulsory. It will consist of three short answer type questions. Out of which there will be one question from each unit of the syllabus (unit I & II) and one question from the entire syllabus. Each question carries 05 marks.

**Course Objectives**

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

- Understand the role of educational technology and modern innovations in teaching-learning process.
- Analyze the process of teaching and learning
- Use Information communication and technology in teaching learning process.

**UNIT-I****Course Objectives**

- To understand the role of educational technology and modern innovations in teaching-learning process.
- To analyze the process of teaching and learning
- To familiarize students with the concept of Information communication and technology

**UNIT-II****Educational Technology:**

- c) Concept, Importance, Types and their role in education
- d) Emergence and Evolution of Educational Technology
- e) Scope of Educational Technology in India

**UNIT-III****Teaching and Learning:**

- c) Concept, characteristics and relationship between teaching and learning; Maxims and Principles of teaching.
- d) Anatomy of Teaching
- e) **Phases of Teaching:** Pre-active, Inter active and Post- active, the Quality of Intellectual activities involved in each Phase.

**Sessional Work:****Marks: 15**

- Observe a classroom Interaction and analyse it from the point of view of interactive and Post active phases of teaching.
- Presentation of two lesson plans by using PowerPoint.

**REFERENCES:-**

- Adam, D.M. (1985). *Computers and Teacher Training: A Practical guide*. New York: The Haworth Pren, Inc.
- Behera, S.C. (1991). *Educational Television Programmes*. New Delhi: Deep and Deep Publications.
- Coburn, P. and et. al. (1985). *Practical Guide to Computers in Education*. Addison Wesley Publishing Company, Inc.
- Das, R.C. (1993). *Educational Technology – A Basic Text*, Sterling Publishers Pvt. Ltd.
- Evaut, M. *The International Encyclopaedia of Educational Technology*.
- Graeme, K. (1969). *Blackboard to Computers: A Guide to Educational Aids*, London, Ward Lock.
- Haas, K.B. and Packer, H.Q. (1990). *Preparation and Use of Audio Visual Aids*, 3<sup>rd</sup> Edition, Prentice Hall, Inc.
- Kumar, N. and Chandiram, J. (1967). *Educational Television in India*, New Delhi: Arya Book Depot.
- Kumar, K.L. (2008). *Educational Technology*. New Delhi: New Age International Pvt Ltd. Publishers.
- Sharma, B.M. (1994). *Media and Education*. New Delhi: Commonwealth Publishers.
- Sharma, B.M. (1994). *Distance Education*. New Delhi: Commonwealth Publishers.
- Sharma, K.D. and Sharma, D.V. (1993). *Open Learning System in India*. New Delhi: Allied Publishers Ltd.
- Venkataiah, N. (1996). *Educational technology*. New Delhi: APH Publishing Corporation
- <http://www.jpsr.pharmainfo.in/Documents/Volumes/vol6issue06/jpsr06061402.pdf>
- <http://www.bmj.com/content/337/bmj.a1310>
- [http://www.ncert.nic.in/new\\_ncert/ncert/rightside/links/pdf/focus\\_group/educational\\_technology.pdf](http://www.ncert.nic.in/new_ncert/ncert/rightside/links/pdf/focus_group/educational_technology.pdf)

**SEMESTER–III****PAPER–V****INTERNSHIP IN A SCHOOL WITH STAGE SPECIFIC SPECIALIZATION****Credits: 4****Marks: 100 (Sessional)****Duration: 4 weeks**

Internship in the area of specialization (Elementary/ Secondary and senior secondary Stage) in Semester III is compulsory.

1. Interns will observe and prepare a profile of the institution.(10)
2. Interns will supervise the practice teaching work of five students.(15)
3. Interns will check the lesson copies of student teachers and will maintain record for five students. (10)
4. Interns will observe the teaching of student teacher and give feedback and will maintain its record of the same five students.(10)
5. Interns will identify and supervise the work of Action Research of two student teachers. (10)
6. Interns will also develop teaching learning resources relevant to the needs of the learner for at least two topics from their teaching subjects. (10)
7. Interns will co-ordinate and supervise the organization of at least two co-curricular activities organized by student teachers in the practicing schools.(15)
8. Practical File (10)
9. Overall conduct of the Intern(10)

The Sessional Work will be evaluated by the supervisor in the practicing school and principal of the practicing school where internship is being organised co-ordinated by principal of the college/Head of the Department where student is studying. The student will also obtain a certificate from the principal of the practicing school where internship is being organized counter signed by the supervisor and principal of the college/Head of the Department



**SEMESTER-III**

**PAPER-VI  
DISSERTATION (Data Collection)**

**Credits: 2**

**Marks: 50 (Sessional)**

Candidate will go for field work and collect the data for dissertation in Semester III preferably during four weeks of internship.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-i)****CURRICULUM PEDAGOGY AND ASSESSMENT****Course Title (a) ADVANCED CURRICULUM THEORY****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

On completion of this course the student will be able to:

- Reflect upon the concept of curriculum and curriculum theory.
- Describe the nature of human knowledge.
- Explain the model of curriculum planning.
- List and explain different curriculum patterns and designs.
- Gain insight into models of curriculum change and innovation.
- Explain diffusion theory and model of dissemination of curriculum change and innovation.
- Identify and question one's own long-established presumptions on knowledge, learner, teacher, and education, and develop a more informed, meaningful understanding of them

**UNIT-I****Curriculum- Concept, Theory and Theorist**

- a) **Curriculum:** Concept, Types and Scope of Curriculum Studies.
- b) **Curriculum Theory:** meaning characteristics and types of curriculum theory.
- c) **Curriculum Theorist:** Mental disciplinarians (Charles Eliot), social meliorists (John Dewey), social efficiency (Franklin Bobbitt), developmentalists (G. Stanley Hall)

**UNIT-II****Knowledge and Curriculum**

- a) Child's construction of knowledge: attaining knowledge through activity and experience
- b) Concepts of Belief, Information, Knowledge and Understanding
- c) Bodies of knowledge: different kinds of knowledge and their validation processes
- d) Processes and criteria for curriculum selection and construction
- e) Hidden Curriculum: Knowledge and power: representation, inclusion and exclusion of knowledge of different social groups in curriculum and textbooks

**UNIT-III****Curriculum Design - Patterns and Models**

- a) Curriculum design: concept, steps and patterns (centralized, decentralized, co-ordinated).
- b) Models of curriculum design –objective model, process model, Tyler model, wheeler model, Kerr's model.

**UNIT-IV****Curriculum Change and Innovation- Concept, Theory and Model**

- a) Curriculum change and innovation: concept, and difference between curriculum change and curriculum innovation
- b) Theory of curriculum change and innovation: Diffusion theory (Roger).
- c) Models of Dissemination (Schon's model, Havlock's models).

**Sessional work****Marks: 30**

- Comparison between the curriculum of two board of Education (Punjab Board of School Education and Central Board of School Education).
- Critical analysis of existing syllabi of teacher education of any one university in your state.

**REFERENCES:-**

- Aggarwal, Deepak (2007): Curriculum development: Concept, Methods and Techniques. New Delhi. Book Enclave.
- Aggarwal, J.C (1990). Curriculum Reform in India- World overviews, Doaba World Education Series-3 Delhi, Doaba House, Book seller and Publisher.
- Arora, G.L. (1984): Reflections on Curriculum. NCERT.
- Bhalla, Navneet (2007), Curriculum development Published by Authorpress E35/103 Jawahar Park laxmi Nagar, New Delhi-92.
- Dewey, John (1966). The Child and the Curriculum. The University of Chicago Press.
- Diamond Robert M. (1986) Designing and Improving Courses in Higher Education: A Systematic Approach, California, Jossey-Bass Inc. Publication.
- Duyilemi, B.O. (2000). Introduction and understanding curriculum studies. Ado-Ekiti: Selak educational publishers.
- Joseph, P.B. et al; (2000): Cultures of Curriculum (studies in Curriculum Theory). New York. Teacher College Press.
- Kelly, A.V. (2004) The curriculum theory and practice. sage publication London.
- McKernan, James (2007): Curriculum and Imagination: Process, Theory, Pedagogy and Action Research.
- Routledge. U.K. NCERT (2000). National Curriculum Framework for School Education, NCERT, New Delhi.
- NCERT (2000). National Curriculum Framework for School Education, NCERT, New Delhi.
- NCERT (2005). National Curriculum Framework-2005, NCERT, Sri Aurobindo Marg, New Delhi.
- NCTE (2009) National Curriculum Framework for Teacher Education.

MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

- Oliva, Peter F. (1988) Developing the Curriculum.Scott, and Foresman and Co.
- Reddy, B. (2007): Principles of curriculum planning and development.
- Taba Hilda (1962) Curriculum Development: Theory and Practice, New York, Harcourt Brace, Jovanovich Inc.
- J.W. & Joseph Bondi (2006): Curriculum Development: A Guide to Practice. Pearson Publication.
- Urevbu, A.(2001) curriculum studies, London and Lagos, juland publishers.
- Badheka, Guji. (2001). Baal ShikshanaurShikshak. Bikaner: VaagdeviPrakashan
- Dewey, John. (1952). The School and the Child, New York: The Macmillan Company, (Also available in Hindi School aurBachche Translation: RRCEE)
- Badheka, Giju (1999). Montessori Paddhati. Chapter 5: Montessori ShalakaVatavaran. Bikaner: VaagdeviPrakashan
- <http://www.nadasisland.com/currictheory/foundation.html>.
- <http://www.people.uwplatt.edu/~steck/petrina%20text/chapter%209pdf>.
- <http://www.docs.lib.purdue.edu/cgi/viewcontent.cgi?article=1423&content=eandc>.
- [http://www.higher\\_ed.org/resources/charles-eliot.html](http://www.higher_ed.org/resources/charles-eliot.html).
- <http://www.flm-journal.org/Articles/6F9A84FC509C2D73FA4535A001FBO.PDF>.
- <http://www.gaylecturner.net/three%20current.pdf>
- <http://www.files.eric.ed.gov/fulltext/ED319666.pdf>.
- <http://www.education.stateuniversity.com/pages/1794/Bobbitt-Franklin-1876-1956.html>.
- <http://www.nou.edu.ny/NOUN-OCL/pdf/EDU/EDU703CURRICULUM DEVELOPMENT THEORY&PRACTICES.pdf>.
- <http://www.amec.glp.net/c/document-library/get-file?p-i-id=781847&folderId=1077184&name=DLFE-20789.pdf>.
- <http://www.sagepub.in/upm-data/31989-8695-kelly-final.pdf>.
- <http://www.tojet.net/articles/v5i2/523.pdf>.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-i)****CURRICULUM PEDAGOGY AND ASSESSMENT****Course Title (b) CURRICULUM TRANSACTION****Credits 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course objectives:-**

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

- Describe various methods/media for transaction.
- Discuss approaches of curriculum transaction.
- Explain role of ICT in curriculum Transaction.
- Develop skills to integrate Audio Visual Aids in curriculum transaction.
- Understand the role of communication in curriculum transaction

**UNIT-I****Understanding Curriculum Transaction**

- a) Meaning of curriculum transaction, minimum requirement for transaction of curriculum: duration, in-take, eligibility of students, content, qualification of teaching staff, infrastructure facilities, institutional facilities, classroom climate.
- b) Issues related to curriculum transaction, teacher's role in curriculum transaction.

**UNIT-II****Frameworks for Teaching and Learning**

- a) **Learning Environments in School Contexts:** Classroom spaces, laboratory, resource room, library, outdoor spaces.
- b) Organization of non-graded or multi-grade, multi-level schools and classrooms: Individual tasks; small group activities; peer supported learning; individualized learning programmes and the place and purpose of these

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- c) Selecting and organising subject-matter; selecting formats of teaching-learning for enabling construction of knowledge; use of textbooks, other resource materials; expositions, task-setting, formulating questions to assess readiness levels; to facilitate conceptualisation and reflection and to assess grasp and learning amongst students
- d) Practices associated with standard teacher centred pedagogy ('chalk and talk') as well as child-centred learning ('learning by discovery'; 'joyful learning'; 'playway method'; 'activity-based learning'; 'projectbased learning')

**UNIT-III**

**Integration of Teaching Aids in Curriculum Transaction**

- a) Use of Library, Audio-visual and ICT Resources
- b) Use of Audio-visual Resources
- c) Strategies for using audio-visual media – films, documentaries – in furthering learning
- d) ICT's importance and role in transaction of curriculum

**UNIT-IV**

**Role of Communication in Transaction**

- a) Concept of Communication in transaction, Importance of communication transaction of learning experience, various communication means and media, Necessary requirement for proper communication.
- b) Elements of communication (Who-the sender, what-the message, whom-the receiver, what-the change/the communication medium and structure of human relationship through which content material is transmitted).

**Sessional Work**

**Marks: 30**

- Students will prepare an observation schedule for curriculum transaction in any one-school subject.
- Students will observe and identify various methods, media & approaches used in transaction of curriculum for particular school subject/or course in teacher education.

**REFERENCES:-**

- Aggarwal, Deepak (2007): Curriculum development: Concept, Methods and Techniques. New Delhi. Book Enclave.
- Aggarwal, J.C (1990). Curriculum Reform in India World overviews, Doaba World Education Series 3 Delhi, Doaba House, Book seller and Publisher.
- Arora, G.L. (1984): Reflections on Curriculum. NCERT.
- CIET (2006) The Process of Making National Curriculum Framework 2005: A Video documentary both in Hindi and English, CIET, NCERT, New Delhi.

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

- CIET (2007) Curriculum Syllabus and Textbook: An Audio Interview with Sh. Rohit Dhankar, Chairperson of the National Focus Group set up under NCF2005 Process, CIET, NCERT, New Delhi.
- Dewey, John (1966). The Child and the Curriculum. The University of Chicago Press.
- Diamond Robert M. (1986) Designing and Improving Courses in Higher Education: A Systematic Approach, California, Jossey Bass Inc. Publication.
- Doll Ronald C. (1986) Curriculum Improvement: Decision Making Process, London, Allyn and Bacon Inc.
- Erickson, H.L (2002) Concept Based Curriculum and Instruction: Teaching beyond the facts
- Joseph, P.B. et al; (2000): Cultures of Curriculum (studies in Curriculum Theory). New York Teacher College Press.
- NCERT (2000). National Curriculum Framework for School Education, NCERT, New Delhi
- NCERT (2005). National Curriculum Framework2005, NCERT, Sri Aurobindo Marg, New Delhi.
- Oliva, Peter F. (1988) Developing the Curriculum. Scott, and Foresman and Co.
- Reddy, B. (2007): Principles of curriculum planning and development.
- Srivastava, D.S and SaritaKumari (2005) Curriculum and Instruction, Isha Books, D-43, Prithviraj Road, Adarsh Nagar, Delhi-110033.
- Taba Hilda (1962) Curriculum Development: Theory and Practice, New York, Harcourt Brace, Jovanovich Inc.



**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-i)****CURRICULUM PEDAGOGY AND ASSESSMENT****Course Title (c) APPROACHES TO CURRICULUM ASSESSMENT****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Understand process of curriculum assessment
- Differentiate between formative and summative evaluation
- Gain insight into various strategies used for assessment
- Utilize different techniques for evaluation of curriculum and program
- Explain various tools used in curriculum assessment

**UNIT-I****Curriculum Assessment**

- a) Concept, characteristics, nature and principles of curriculum assessment.
- b) Approaches to curriculum assessment.
- c) Diagnosis in curriculum assessment.

**UNIT-II****Role of Assessment in Teaching and Learning**

- a) Distinguishing Assessment for Learning and Assessment of Learning, Place of assessment and feedback in the learning process
- b) Formative and summative evaluation: Concept, scope and importance, collection of appropriate evidences- during designing of curriculum, and trying out of curriculum.

**UNIT-III****Strategies for Assessments**

1. Assessment as a continuum
2. Strategies for formative assessment
3. Creating learning profiles, including portfolios; error analysis;
4. Strategies for summative assessment; designing effective tests
5. Developing and using assessment rubrics

**UNIT-IV****Tools and Techniques of Curriculum Assessment**

- a) Observation, classroom interaction (with teacher and in peer group, group work).
- b) Oral method: pretesting, diagnostic questions.
- c) **Interview:** consulting users of curriculum, an questionnaire, maintaining diary by the children as well as teachers, project work, peer evaluation, maintaining portfolio of the work and their presentation.

**Sessional Work****Marks: 30**

- Assessment of curriculum of a particular school subject using a rubric
- Summative evaluation of instructional process based upon questionnaire to be filled by students

**REFERENCES:-**

- Apple, Michael W. (1979). Ideology and Curriculum; Routledge and K. Paul.
- Arends, Richard I.; Learning to Teach- Fifth Edition; McGraw Hill Higher Education; New York; 2000
- Bawa, M.S. & Nagpal, B.M. (Editors); Developing Teaching Competencies; Viva Books; 2010
- Cohen, Louis; Manion, Lawrence and Morrison, Keith; A Guide to Teaching Practice Fifth Edition; RoutledgeFalmer-Taylor and Francis Group; London; 2004
- Connelly, F. Michael (Editor); The Sage Handbook of Curriculum and Instruction; Sage Publications India Pvt. Ltd.; New Delhi; 2008
- D. J. O'Connor - Introduction to the Philosophy of Education – Dale, Edgar; Audio-Visual Methods in Teaching; TheDyden Press; Holt Rinehart and Winston Inc.; New York.
- Dhand, Harry; Techniques of Teaching; Ashish Publishing House; New Delhi.
- Ebel Robert L., (1991). Essentials of Educational Measurement, Prentice Hall of India.
- Faunce, Ronald C. and Bossing, Nelson L.; Developing the Core Curriculum; Prentice Hall; USA.
- Gagne, Robert and Briggs, Leslie; Principles of Instructional Design; Holt, Rinehart and Winston; USA.
- Garette: Educational Statistics – Gay, L.R.; Educational Evaluation & Measuremen
- Gunter, Mary Alice et.al.; Instruction: A Model's Approach- Fifth Edition; Pearson Education Inc.; Boston; 2007
- Knirk, Kent L. Gustafson, Holt, Rinehart and Winston, Inc, 1986 – Instructional Technology: Foundations, Robert Mills Gagne, Lawrence Erlbaum Associates, 1987
- Kelly, A.V.; The Curriculum: Theory and Practice- Fifth Edition; Sage Publications; London; 2006
- Krug, Edward A.; Curriculum Planning; Harper and Brothers; New York.

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

- Kubiszyn Tom. (2003). Educational Testing and Measurement, John Wiley.
- Kumar, K.L.(1996). Educational Technology; New Age International Limited Publishers, New Delhi.
- Leonard, J.Paul; Developing the Secondary School Curriculum; Holt, Rinehart and Winston; New York.
- Lewey A. (Ed.). The International Encyclopedia of Curriculum. Oxford: Pergomon Press.
- Linn, Robert L. and Gronlund, Norman E. (2000). Measurement and Assessment in Teaching; Pearson Education Inc.
- McNeil, John D.; Curriculum: The Teacher's Initiative; Third Edition; Merrill Prentice Hall; Ohio; 2003
- Moore, Kenneth D.; Effective Instructional Strategies: From Theory to Practice; Sage Publications India Pvt. Ltd.; New Delhi; 2005
- Muijs, Daniel and Reynolds, David; Effective Teaching: Evidence and practice- Second Edition; Sage Publication; London; 2005
- Mukalel, Joseph C.; Creative Approaches to Classroom Teaching; Discovery Publishing House; New Delhi.
- Mukunda, Kamala V.; What Did You Ask At School Today: A Handbook of Child Learning; Harper Collins Publishers; NOIDA; 2009
- National Curriculum Framework for School Education; NCERT; New Delhi; 2005
- Ornstein, Allan C. and Hunkins, Francis P. (1993). Curriculum: Foundations, Principles
- Wiles, Jon W. and Bondi, Joseph C.; Curriculum Development: A Guide to Practice Eight Edition; Pearson Boston; 2007
- Zias, Robert S. (1976). Curriculum: Principles and Foundations; Thomas Y. Crowell Company; New York

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-ii)****EDUCATIONAL PLANNING, ECONOMICS and POLICY****Course Title: (a) EDUCATIONAL PLANNING****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Identify the need, scope and importance of educational planning in terms of national and community needs.
- Understand the social and cultural bases of educational planning.
- Gain insight of the various guiding principles of educational planning.
- Explain the impact of five year plans on education.

**UNIT-I****Concept, need and process of Educational Planning**

- a) Concept, scope and nature of Educational Planning
- b) Need and importance of Educational Planning
- c) Types of Educational Planning
- d) Process of Educational Planning in India.

**UNIT-II****Social and Cultural Bases of Educational Planning**

- a) Values needed for modernization and technological developments.
- b) Education as an instrument of cultural change.
- c) Equalization of Educational opportunities.
- d) The demographic factors - population forecasts
- e) Education and social mobility.

**UNIT-III****Approaches to Educational Planning**

- a) Guiding principles of educational planning.
- b) Methods and techniques of planning.
- c) Approaches to Educational Planning-Social demand approach, Man-power approach, Return of Investment approach

**UNIT-IV****Five year Plans in Education**

- a) Beginning of five year Plans-its historical background
- b) Main features of five year plans with special reference to education.
- c) Impact of five year plans on education.
- d) Five year plans- merits and demerits.

**Sessional Work****Marks: 30**

- Prepare a plan for the establishment of a new elementary school.
- Analysis of School Education Act of a state.

**REFERENCES:-**

- Naik, J.P. (1965): Educational Planning in India. New Delhi: Allied.
- Nanjundappa, D.M. (1995): Concept, Approaches and Techniques of Decentralized Planning in Readings in Decentralized Planning. B.N. Yudgandhar and Amitabh Mukherjee (ed.). New Delhi: Concept.
- Ayyar, R.V. Vaidyanathan (1993). Educational Planning and Administration in India: Retrospect and Prospect. Journal of Educational Planning and Administration. VII (2). April.
- Chau, Ta-Ngoc (2003): Demographic Aspects of Educational Planning. Paris: International Institute for Educational Planning.
- Griffiths, V. L. (1963). Educational Planning. London, O. U. P. • Hallack, J. (1977): Planning the Location of schools: An Instrument of Educational Policy. Paris: International Institute for Educational Planning.
- Kaufman, Herman, Watters (eds.) (1996): Educational Planning: Strategic Tactical Operational, Tecnomic.
- Psacharopolous, G. (ed.) (1985): Planning of Education: Where Do We Stand? Washington, World Bank.
- Tilak, J.B.G. (1988). Cost of Education In India: International Journal of Educational Development
- Tilak, J.B.G. (1992). Educational Planning at Grassroots. Ashish Publications. New Delhi.
- Fletcher, B. A. 'Planning of Education', Leeds, Institute of Education, 1963.
- Government of India Five Year Plans.
- Griffiths, V. L. 'Educational Planning', London, O. U. P. 1962.
- KrojsmaAcjaro, V. T. 'Planning in India', New Delhi : Longmans, 1961.
- Rao, V.K.R.V. Education and Human Resources Developments, Delhi, Allied Publishers, 1966.
- Rajgopal, M. V. Programmes of Educational Improvement at the District level, New Delhi : Asian Institute of Educational Planning and administration, 1969.
- Hanson, A. H. The Process of Planning : A Study of India's five year Plans (1950-1964) London : Oxford University Press, 1966.
- Schultz, T. W. Education and Economic Growth, Univesity of Chicago, 1960.
- Saffer, H. Inverstment in Human Capital, New York :MacGraw Hill, 1961.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-ii)****EDUCATIONAL PLANNING, ECONOMICS AND POLICY****Course Title (b) EDUCATIONAL FINANCE AND ECONOMICS OF EDUCATION****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Explain the relationship between the financial support of education and quality of education.
- Familiarize with the various sources of financing education in India.
- Identify the direct and indirect objects of expenditure in education.
- Analyze the financial problems of educational administration.

**UNIT-I****Educational Finance**

- a) Concept of Educational Finance
- b) Need and significance of Educational Finance
  - i. Rising Unit costs and resources constraints
  - ii. Demand for education.
  - iii. Supply of education.
  - iv. Constitutional responsibility for providing education.
- c) General theory of public finance :
  - i. Allocation of resources - economic and social bases for allocation of resources in education (cost minimization and quality improvement)

**UNIT-II****Role of following bodies in financing Education in India**

- a) Government of India.
- b) State Governments
- c) Local Bodies
- d) Private agencies
- e) Voluntary Organizations.

**UNIT-III****Educational Expenditure**

- a) The Determinants of expenditure on education:
  - i. Public expenditure as a percentage of grip
  - ii. Educational expenditure in relation to government revenue.
  - iii. Inflation and public expenditure on education.
- b) Direct and indirect objects of expenditure :
  - i. Direct objects: Primary, secondary higher, professional and technical education.
  - ii. Indirect objects: Direction and Inspection, stipends and scholarships, building, furniture and equipment, boards of secondary education etc.

**UNIT-IV****Economics of Educational System**

- a) Cost of Education
  - i. Increase in per pupil cost and its relation to per capital income.
  - ii. Methods of determining educational costs, unit costs, direct cost, opportunity costs.
  - iii. Decisive factors on costs: Size of class, teaching load, enrolment at different levels etc.
  - iv. Salary of teachers.
- b) Problems and issues in educational finance.

**Sessional Work****Marks: 30**

- Preparation of a blue print for expenditure control in an elementary school.
- Tentative preparation of a school budget

**REFERENCES:-**

- Baljit Singh, Economics of Indian Education, 1983, Meenakshi Prakashan, New Delhi.
- Azad, Jagdishlal Financial of Higher Education in India, New Delhi, Sterling Publishers, 1975.
- Misra, Atmanand Financing Education in India, Bombay: Asia Publishing Co., 1964.
- John, R. L. and Morphet, B.L. (Ed.) Problems and Issues in public school finance, New York: Columbia University, 1952.
- Mort, P. R. and Reusser, W.C. Public School Finance, New York: McGraw Hill, 1960.
- Musgrave, R.A.: Theory of Public Finance: A study of public Economy. New York: McGraw Hill.
- Saxton, P.G. (1961). Education and Income. New York: Viking Press. World Baum (1986).
- Vaizeg, J. Costs of Education, London: Allen and Union, 1964.
- UNESCO Financing of Education, Paris: 1961.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-ii)****EDUCATIONAL PLANNING, ECONOMICS AND POLICY****Course Title (c) EDUCATION POLICY AND RESEARCH****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Explore various education policies and commissions
- Develop the skills in planning and using a variety of administrative strategies
- Analyze the documents through surveys.
- Evaluate the different policies.

**UNIT-I****Formulation of Educational Policy**

- a) Need and importance of educational policy
- b) Type of Education Policy - national, state level, short-term, long-term
- c) Policy objectives
- d) Determinants of educational policy
- e) Process of Policy Formulation

**UNIT-II****Education Policies**

- a) National Policy on Education (1986),
- b) Acharya Ram Murty Review Committee Report (1990),
- c) Janardhan Reddy Committee Report (1992),
- d) Modified Programme of Action (1992)



**UNIT-III****Monitoring and Evaluation of Policy Implementation**

Monitoring issues:

- a) Evaluation strategies
- b) Setting evaluation criteria.

**UNIT-IV****Policy Research**

Concept of policy research, Analysis of Documents

- a) Research Surveys
- b) Evaluation studies- impact evaluation, process evaluation.

**Sessional Work****Marks: 30**

- Preparation of questionnaire for micro-level educational survey.
- Preparation of interview schedule for micro- level educational survey.

**REFERENCES:-**

- Blackmore, C., and Lauder, H. (2004): Researching Policy, in Somekh, B., and Lewkin, C. (2004) Ed. Research Method in the Social Sciences'. Pp. 97-104.
- Freeman, A.M., III (1993): The Measurement of Environmental and Resource Values: Theory and Methods. Washington, D.C.
- Mitchell, R.C., and R.T. Carson (1989): Using Surveys to Value Public Goods: The Contingent Valuation Method. Washiongton, D.C.
- Nagel, S., and Neef, M (1979): Policy Analysis in Social Science Research, London: sage Publications. Pp 9-14.
- Nisbet, J.D. (1988): Policy Oriented Research, in Keevs, J.P. (ed) 'eDUCATIONAL research Methodology and Measurement: An International Handbook'. Pergamon Press Plc. Pp139-145
- Nordhaus, W.D. (1998): Economic and Policy Issues in Climate Change. Washington, D.C.
- Trow, M. (1988): Policy Analysis, in Keevs, J.P. (ed) 'Educational Research Methodology and Measurement: An International Handbook.' Pergamon Press Plc. Pp 197-202
- Wildavsky, A. (1979): 'The Art and Craft of Policy Analysis', London: Macmillian Press Ltd. Pp 3-21 Govt. of India, MHRD (1982) NPE and its POA (1986/1992)
- <http://www.teindia.nic.in/files/reports/ccr/ramamurti-committee-report.pdf>
- [http://www.ncert.nic.in/oth\\_anoun/npe86.pdf](http://www.ncert.nic.in/oth_anoun/npe86.pdf)
- [http://www.ncte-india.org/pub/policy/part2\\_2.htm](http://www.ncte-india.org/pub/policy/part2_2.htm)

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-iii)****EDUCATIONAL MANAGEMENT, ADMINISTRATION AND LEADERSHIP****Course Title (a) SCHOOL MANAGEMENT****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

On completion of this course the student will be able to:

- Understand the concept of classroom management.
- Familiarize with the concept of institutional planning for school development.
- Understand the management strategies for quality improvement.
- Familiarize with organizational structure.

**UNIT-I****Primary School Management**

- a) Classroom Management: meaning and concept, factors affect classroom management, ensuring effective classroom management, discipline concept, elements and its maintenance.
- b) Types of Educational Management- Autocratic, Democratic, Laissez-Faire supervision.

**UNIT-II****Institutional Planning**

- a) Institutional Planning: meaning, concept process, steps.
- b) Planning of School: space and facilities.
- c) Planning of community resources for the use of school development.

**UNIT-III****Management of the three M's (Men, Money and Material)**

- a) Organizational- Concept, Structure and functions.
- b) **Management of Resources:**
  - **Men:** Concept, Need and Importance: Human Resource Development, Leadership and its Theories
  - **Money:** Concept, Need and Importance: Financial Management Cost of Education
  - **Materials:** Management of Infrastructure, Equipment, Curriculum, Teaching Learning and Evaluation process in Education.

**UNIT-IV****Management Strategies for Quality Improvement**

- a) Principles of quality, Assessment for quality improvement: - by other institutions (Govt., NGO's, ISO Certification, Accreditation.) within the institution (Inspection and Supervision, Self-evaluation, Student evaluation, Peer evaluation)
- b) Decision-making and quality improvement Team building for quality improvement. Time management for quality improvement, Event Management, Stress management, Classroom management and Communication.

**Sessional work****Marks: 30**

- Prepare a report on educational management of an elementary school.
- Prepare a presentation on time management for quality improvement.

**REFERENCES:-**

- Chandrashekar Pramila: Educational Planning and Management: Sterling publishers: New Delhi: 1994
- Dash B.N., School Organization, Administration and management, Neel kamal Publication Pvt. Ltd. Newdelhi, (2004)
- Franklin G Stephen & Terry R. George: Principles of Management AITBS Pub., New Delhi
- Jagannath Mohanthy, Educational Administration supervision and school management, Deep & deep publishers (2004)
- Khana, S.D. Saxena V.K. Lamba, T.P. Murthy. V; Educational Administration Planning, Supervision and financing: Doaba House, Delhi 2000
- Kochhar S.K., Secondary School Administration, Sterling Publishers (1996)
- Kochhar S.K., Secondary School Admin., University Pub. Jullundur (1971)
- Kochhar S.K., Secondary School Administration, VicharaSahithya Pvt. Ltd. Bangalore (1971)
- Lemiech, Johanna Kasin: Class-room management: Harpel and Row, Newyork, 1979.
- Mathur .S.S: Educational Administration and Management, the associated publishers, New Delhi 1990.
- Myageri C.V: Textbook of Educational Management, VidyanidiPrakashana, Gadag 1993.
- N.P.Rao: Education and Human Resource Management, APH Pub. Corp., New Delhi 1996.
- NolanderChristapher: Managing Human Resources, T.R. Publications WintertonJonathana (Pvt.), Ltd. Madras
- Panda. U.N.: School Management, D.K. Publishers(P) Ltd., New Delhi 1989.
- Pandya. S.R. Administration and Management of Education, Himalaya Publishing House, New Delhi
- Parti. R. Vasanthi: Education in India, Indian Institute of Counselling, New Delhi 2000.
- Ravi Shankar S. & K.S. Bhat: Administration of Education, Seena Pub., Delhi 1985.
- Sachdev M.S.: A New Approach to school management New Academic Publishing Co., Julandhar 2000.
- Sultan Mohiyuddin&Siddalingaiya M, Schol Organization and management, DPI Publishers,(1958)

**SEMESTER-IV  
SPECIALISATION – OPTIONAL COURSES**

**Paper-IV-B (E-iii)**

**EDUCATIONAL MANAGEMENT, ADMINISTRATION AND LEADERSHIP**

**Course Title (b) SCHOOL ADMINISTRATION**

**Credits: 4**

**Time: 3 Hrs.**

**Total Marks: 100**

**Theory: 70**

**Sessional Work: 30**

**Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

On completion of this course the student will be able to:

- Understand the concept and importance of school administration.
- Familiarize with new trends and problems in educational administration.
- Understand various educational bodies.
- Maintain and utilize various grants for quality improvement.

**UNIT-I**

**Concept of Educational Administration**

- a) Meaning, need, scope, functions and aims of Educational Administration, Principles of Administration
- b) Qualities of Head of institution, Teacher, The management.

**UNIT-II**

**Various Bodies of Educational Administration**

- a) Educational administration at Central, State and Local Level.
- b) Organization & activities of U.G.C., Central Advisory Board of Education, University, NCERT, NUEPA

**UNIT-III**

**Issues in Educational Administration**

- a) Concept of Institution - Government, Govt. Aided & Self – Financed and their administration at elementary Education level.
- b) Problem and solution of Indian Educational Administration & their possible solutions

**UNIT-IV****Quality Improvement and Responsibilities of a Head**

- a) Maintenance and utilization of various grants: Teacher grant, school grant, maintenance grant under SSA for quality improvement.
- b) Duties and responsibilities of the head of school, Annual school plan and Preparation of time-table

**Sessional work****Marks: 30**

- Preparation of time table for any class.
- Preparation of annual calendar of activities.

**REFERENCES:-**

- Baldev Mahajan & Khullar K.K., Educational Administration in Central Government, Vikas Publishing House, (2000)
- Bhat K.S. & Ravishankar S, (1985) Administration of Education, Seema Publishers
- Bhatt. B. D. Sharma. S. R (1992) Educational Administration' C Modern Education (series), Kanishka Publishing House, New Delhi.
- Gupta L.D., Educational Administration, Oxford and IBH Publishing Co., New Delhi, (1986)
- Jagannath Mohanthy, Educational Administration supervision & school, Deep & Deep (1990)
- Raghunath Safaya & B.D. Shaida, (1975). School Administration and Organization, Jagdish Kapur for Dhanpat Rai & sons, Jullundur, Delhi.
- Sharma. O.P "Administration of Education Boards in India" s. B. Nangia, Ashish Publishing House, 8/81 Purbani Bagh. New Delhi
- Suresh Bhatnagar, 1985-86, "Indian Education To-day of Tomorrow", International Publishing House, Meerut, U.P.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-iii)****EDUCATIONAL MANAGEMENT, ADMINISTRATION AND LEADERSHIP****Course Title (c) EDUCATIONAL LEADERSHIP****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

On completion of this course the student will be able to:

- Critically examine the core and contemporary leadership theories relevant to educational practice and settings.
- Know about new changes and challenges in leadership of institutions.
- Develop capacities for being efficient and effective educational leaders.

**UNIT-I****Leadership: Theories and Models**

- a) **Leadership:** Concept, Functions and Theories of leadership
- b) **Educational Leadership:** Theories and models (including curriculum, professional, academic, instructional and student-centered leadership)

**UNIT-II****Leadership Roles: Challenges and Perspectives**

- a) Values, vision and moral purpose in educational leadership.
- b) Issues of diversity in educational organizations with special reference to gender and multiculturalism.

**UNIT-III****Leadership and Organisational Behaviour**

- a) Basic Attributes of Organizations:
- Organizational Design and Learning,
  - Organizational Culture
  - Diversity
  - Individual Differences: Perception, Attribution, and Motivation
- b) **Nature of Groups:** Teamwork and Work Group Design - Conflict, Negotiation and Stress management.

**UNIT-IV****Pre-requisites and Barriers in Leadership**

- a) Essential requisites of a good Educational Leader- mission, vision and values.
- b) Barriers in Educational Leadership.

**Sessional work****Marks: 30**

- Report On the current practices/trends in the field of Educational Leadership.
- Prepare a report by assessing the type of leadership of five principals of different schools.

**REFERENCES:-**

- Baldrige, J. V. (1978). Policy making and effective Leadership. Sanfrancisco: Jossey Bass.
- Chandrashekar Pramila: Educational Planning and Management: Sterling publishers: New Delhi: 1994
- Dash B.N., School Organization, Administration and management, Neel kamal Publication Pvt. Ltd. Newdelhi, (2004)
- Franklin G Stephen & Terry R. George: Principles of Management AITBS Pub., New Delhi
- Jagannath Mohanthy, Educational Administration supervision and school management, Deep & deep publishers (2004)
- Khana, S.D. Saxena V.K. Lamba, T.P. Murthy. V; Educational Administration Planning, Supervision and financing: Doaba House, Delhi 2000
- Kochhar S.K., Secondary School Administration, Sterling Publishers (1996)
- Kochhar S.K., Secondary School Admin., University Pub. Jullundur (1971)
- Kochhar S.K., Secondary School Administration, VicharaSahithya Pvt. Ltd. Bangalore (1971).
- RaghunathSafaya & B.D. Shaida, (1975). School Administration and Organization, JagdishKapur for DhanpatRai & sons, Jullundur, Delhi.
- Sharma. O.P “Administration of Education Boards in India” s. B. Nangia, Ashish publishing House, 8/81 PubjabiBagh. New Delhi
- Suresh Bhatnagar, 1985-86, “Indian Education To-day of Tomorrow”, International publishing House, Meerut, U.P.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-iv)****INCLUSIVE EDUCATION****Course Title-(a) EDUCATION FOR SPECIAL CHILDREN****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Understand concept, and educational implications of visual impairment.
- Understand the concept, classification and educational provision for children with hearing impairment.
- Learn about the concept, identification and intervention strategies for children with autism and speech impairment.
- Familiarize them with the concept of mental retardation.

**UNIT-I****Visual Impairment**

- a) Definition, characteristics, causes, prevention and problems.
- b) Educational provisions, role of technology in education and mobility.
- c) Curriculum adaptation and Role of teacher for educating children with visual impairment.

**UNIT-II****Hearing Impairment**

- a) Definition, characteristics causes and classification.
- b) Prevention and educational provisions.
- c) Curriculum adaptation and Curriculum adaptation and Role of teacher for educating children with hearing impairment.

**UNIT-III****Speech Impairment and Autism**

- a) Speech impairment: Concept, classification, causes and available intervention.
- b) Autism: concept, nature, identification, educational provision and intervention.
- c) Curriculum adaptation and Role of teacher for educating children with speech impairment and autism.



**UNIT-IV****Mental Retardation**

- a) Definition, characteristics, causes and classification.
- b) Prevention and educational provision.
- c) Curriculum adaptation and Role of teacher for educating children with mental retardation.

**Sessional work****Marks: 30**

- A case study in any area of disability in prescribed format with short term and long term plan.
- Report on visit to a special school.

**REFERENCES:-**

- American Association on Mental Retardation, (2002). *Mental retardation: Definition, classification and systems of supports* (10th ed.). Washington: DC.
- Mani, M. N. G. (2000). *Inclusive education in Indian context*. Coimbatore: International HumanResource Development Centre for the Disabled, Sri Ramakrishna Mission Vidyalaya.
- Man, K, & Hailahan, M. J. (1992). *Exceptional children: Introduction to special education*. NewJersey: Prentice Hall Inc.
- Nirman, P. (2007). *Encyclopedia of Special Education*. New Delhi: Anmol publication.
- Narayanaswamy, S., & Kansara, J. (2006). *Family, Community and Hearing Child*. New Delhi: Kanishka Publishers.
- Orlansky, W. D. (1992). *Exceptional Children: An inventory survey of special education*. NewYork: Macmillan Publishing Company.
- Premavathy, V., & Nagomi, V. G. (2005). *Handbook: Education of children with low vision, rehabilitation council of India*. New Delhi: Kanishka Publishers.
- Reddy, G. L. (2004). *Hearing impairment: An educational consideration*. New Delhi: Discovery Publishing House.
- Venkatesan, S. (2003). *Children with developmental disabilities: A training guide for parents, teachers and care givers*. New Delhi: Sage Publications.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-iv)****INCLUSIVE EDUCATION****Course Title-(b) GENDER, SCHOOL AND SOCIETY****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

On completion of this course students will be able to:

- Understand the present approach of education of children with special needs.
- Explore the possibility of change through inclusive education
- Develop a comprehensive and critical understanding on disability and marginalization.
- Understand inequality and diversity in Indian classroom.

**UNIT-I****Inclusive Education**

- a) Forms of inclusion and exclusion in Indian education (marginalized sections of society, gender, children with special needs)
- b) Addressing Inequality and Diversity in Indian Classroom: pedagogical and curriculum concerns.

**UNIT-II****Gender inequality and gender sensitivity**

- a) Inequality of opportunities, economic and social consequences of gender inequality at elementary level.
- b) Programs on girl education – Kasturba Gandhi BalikaVidhayalaya, SSA, DPEP.

**UNIT-III****Inclusion of Children with Disabilities in Education**

- a) Identifying special needs of children with disabilities Curriculum Adaptations and Use of Technology, Teaching Learning Material.
- b) Major components of successful change toward Inclusion
  - Communication
  - Interpersonal skills
  - Positive attitudes
  - Flexibility
  - Success Stories, Financial Resources and Infrastructure.

**UNIT-IV****Competencies development for Inclusive Education**

- a) Attitude and positive behaviour for Inclusion.
- b) Developing attitude and social skills for Inclusion.
  - i. Attitude
  - ii. Self- Efficacy
  - iii. Skill
  - iv. Ideologies

**Sessional work****Marks: 30**

- Conduct a survey in the local area to ascertain the prevailing attitudes/ practices towards social, emotional and academic inclusion of children with diverse needs.
- Field visit to elementary school promoting inclusive practices and discussion with teachers and observation and analysis of teaching learning practices.

**REFERENCES:-**

- Baquer, A. and Sharma, A. (1998). *Disability Vs Challenges*. New Delhi: Can Publishers.
- Bhattacharjee, N. (1999). *Through the looking-glass: Gender Socialisation in a Primary School in T. S. Saraswathi (ed.) Culture, Socialization and Human Development: Theory, Research and Applications in India*. New Delhi: Sag
- Ghai, A. (2001). *Marginalization and Disability: Experiences from the Third World in M. Priestly (ed.) Disability and the Life Course: Global Perspectives* Delhi:Cambridge University Press.
- Manjrekar, N. (2003). *Contemporary Challenges to Women's Education: Towards an Elusive Goal?* Economic and Political Weekly, 38 (43), 4577-4582.
- Nambissan, Geetha B. (2004). *Integrating Gender Concerns. Seminar, Are We Learning?* Vol. 536, April, 2004.
- Epstein, C. (1984). *Special Children in Regular Classrooms*. Virginia: Reston Publishing Company, Inc.
- Subrahmanian, R. Sayed, Y. Balagopalan, S. and Soudien, C. (Eds.) (2003). Education inclusion and exclusion: Indian and South African perspectives, IDS Bulletin, 34(1).

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-iv)****INCLUSIVE EDUCATION****Course Title-(c) INCLUSIVE EDUCATION AND ITS PRACTICES****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

On completion of this paper, the student-teachers will be able to:

- Understand Inclusive School Education Concept and nature.
- Develop awareness of learner towards inclusive education and its practices.
- Enable the student to organize inclusive classroom.

**UNIT-I****Current Trends in Inclusive Education**

- Education: Normalization, Mainstreaming, Integration and Inclusion
- Rehabilitation: Deinstitutionalization, Community based rehabilitation.
- Cross disability approach
- Open School Learning system : Non-Formal Education

**UNIT-II****Issues in Inclusive Education in India**

- Current Status and Issues of inclusive education in India
- Barriers and Facilitators in Inclusive Education: Attitude, Social and Educational
- Ethical Issues in Inclusive Education
- Researches in Inclusive Education in India

**UNIT-III****Supportive Services for inclusion**

- Concept, importance and types of supportive services (medical, rehabilitative and educational).
- Early identification and available referral services for support
- Myths and facts of supportive services for inclusive learning.
- Role of teacher and teacher educators in utilizing support services for inclusion.

**UNIT-IV****Innovation in Inclusive Education**

- Assistive and Adaptive Technology for Diverse learners: Product (Aids and Appliances) and Process (Individualized Education Plan (IEP), Remedial Teaching),
- Therapeutic Interventions: Need and Scope
- Use of Information Communication Technology (ICT) in inclusive classroom
- Effectiveness of inclusive strategies such as enrichment, cluster grouping, mixed ability grouping, multilevel teaching, cooperative learning, peer tutoring in the context of constructivism.

**Sessional work****Marks: 30**

The students may undertake any one of the following activities:

- Review of literature related to education of children with diverse needs presentation of reports in a seminar
- Identify suitable research areas in inclusive education.
- Make a list of existing resources in the local area and discuss their use and limitations based on survey of five inclusive schools

**REFERENCES:-**

- Loreman, Deppeler and Harvey- Inclusive Education, Allwenand Unwin Australia.
- Felicity Armstrong and Michele Moore (2004). *Action Research for Inclusive Education*. Routledge Falmer
- Mike Adams and sally Brown (2006). *Towards Inclusive Learning in Higher Education*. Routledge.
- Peter Mittler (2000). *Working towards Inclusive Education*, David Fulton Publishers.
- Nind, Sheehy and Simmns, Inclusive Education (2006) –Learners and Learning Context, Devid Fulton Pub.17) Integrated and Inclusive Education, Premavathyand Mittal, R C I.
- Advani, Lal. andChadha, Anupriya( 2003). *You and Your Special Child*, New Delhi: UBS Publishers.
- Sharma, KaushalandMahapatra (2007). *Emerging Trends in Inclusive Education*.
- Sharma, R.N., & Chandra: *Advanced Educational technology*. New Delhi: Atlantic Publishers S.S. (2003) and Distributors.
- Sharma, T.R. (2005): *Educational Technology (Pbi.)*. Patiala: Twenty First Century Publications.
- Sodhi, G.S. &Dutt,: *Educational Technology*. Chandigarh: Sumir Publishers.
- Sunil (1993), Mehra, V. (2004): *Educational Technology*. New Delhi: S.S. Publishers.
- Thakur, A.S. &Berwal, Sandee (2011): *Essentials of Education Technology*. Patiala: Twenty First Century Publications.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-v)****EDUCATIONAL TECHNOLOGY AND ICT****Course Title****(a) ICT AND EDUCATIONAL TECHNOLOGY****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Use modern innovations in teaching-learning process.
- Understand the role of multi-media in education.
- Evaluate the use of various teaching aids in classroom.
- Able to formulate objectives related to different domains.

**UNIT-I**

- a) **Forms of Educational Technology:** Instructional Technology; and Behavioral Technology
- b) **Approaches to Educational Technology:** Hardware, Software and System approach.
- c) Differentiation between **Technology in Education** and **Technology of Education**.

**UNIT-II**

- a) Educational Technology Program in India with special reference to CIET, EMMRC, IGNOU, SIET, and their role in Education.
- b) Systems Approach to Education its Components: Goal Setting, Task Analysis, Content Analysis, and Context Analysis.

**UNIT-III**

- a) **ICT in Teaching and Learning:** Meaning, Nature, Characteristics of ICT.
- b) Scope of ICT in Education.
- c) Teaching Learning Contexts and need for ICT devices.

**UNIT-IV**

- a) Principles Related to: Whole Group Learning, Small Group Learning, Individualized Learning.
- b) Critical analysis of teaching aids and their application in instructions.
- c) ICT in Class: Need and Importance.

**Sessional work****Marks: 30**

The students may undertake the following activities:

Identifying appropriate media and material for effective use in the transaction of a lesson

- Apter, Michel, J. (1968). *The New Technology of Education*. London: MacMillan.
- Bhatia, K.K. & Sidhu, H.S. (1994). *Foundations of Teaching Learning Process*, Ludhiana: Tandon Publication.
- Bhushan, A. and Ahuja, M. (1992). *Educational Technology*. Patiala: Bawa Publishers.
- Chauhan, S.S. (1978). *A Textbook of Programmed Instruction*. New Delhi: Sterling.
- Mukhopadhyay, M. (1990): *Educational Technology – Year Book 1988*, All India Association for Educational Technology, New Delhi.
- Mukhopadhyay, M. (1990): *Educational Technology – Challenging Issues*, Sterling Publishers Pvt. Ltd., New Delhi.
- Parmaji, S. (1994): *Distance Education*, New Delhi: Sterling Publishers.
- Rana, S. (1994): *Open Learning in India*, Commonwealth Publishers, New Delhi.
- Sampathet. al. (1981): *Introduction to Educational Technology*, Sterling Publishers Pvt. Ltd.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-v)****EDUCATIONAL TECHNOLOGY AND ICT****Course Title (b) ICT IN EDUCATION****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

- To theoretical perspective of educational technology as a field of study.
- To have future practitioners a conceptual understanding related to systemic and institutional development.
- Certain competencies and skills related to instructional management and classroom practices.

**UNIT-I**

- a) Communication process: concept, types, modes, process and barriers.
- b) Modern techniques of communication: Tele-conferencing, e-learning, m-learning, Classrooms: smart, flipped and virtual.
- c) Instructional Designing: Lecture, Discussions, Panel discussions, Seminars, and tutorials.

**UNIT-II**

- a) Action Research as a tool of solving educational problems related with teaching learning: Process, Objectives, and Steps of Action Research.
- b) Recent development in the field of Interaction analysis. Application of Interaction analysis to Teaching.
- c) Team Teaching, Edusat.



**UNIT-III**

- a) **Models of teaching:** Meaning, Assumptions and Fundamental Elements of a Model of Teaching.
- b) Taba's Inductive Thinking Model;
- c) Ausubel 's teaching model and
- d) Bruner's concept attainment model

**UNIT-IV**

- a) **Programmed Learning-** Concept, Principles and Types of Programmed Learning (Linear, Branching, Mathetics)
- b) Stages of Program Development

**Sessional Work:****Marks: 30****Prepare an Action Research Proposal.**

Critical analysis of the different instructional designs based on the various instructional design models.

**REFERENCES:-**

- AnandRao B. and Ravishankar: Readings in Educational Technology, Himalaya Publishing House, RamdootDr.BhaleraoMarg, Bombay – 04.
- Chauhan S S: A Text Book of Programmed Instruction. (2<sup>nd</sup>Ed). Sterling Publishers Pvt Ltd., New Delhi / Bangalore.
- Dharma, OP and Bhatnagar O.O: Educational and Communication for Development, Oxford and IBG, New Delhi
- Goldberg, Alvin and Carl E.;Larson: Group Communication, Prentice Hall, Inc. New Jersey.
- HarunArrasjid and DorineArrasjid: Media – A pocket Guide, MSS Information Corporation, New York.
- Keith Hudson: Introducing CAL – Practical guide to writing CAL Programmes, Chapman and Hall, London.
- Khanna S.D et.al: Technology of Teaching and Teacher Behavior, Doaba House, New Delhi, 1984. Four Author: Technology of Teaching.
- Patel I.J and other: A Hand Book of Programmed Learning, CASE, Baroda.
- Ronald H Anderson: Selecting and Developing Media for Instruction, Van Nostrand Reinhold, New York.
- Ruhela S P (2001): Some Aspects of Educational Technology.
- Sharma R A: Programmed Instruction – An Instructional Technology, Loyal Bank Depot, Meerut (UP).
- Sharma R.A: Programmed Instruction – An Instructional Technology, Goyal Book Depot, Meerut.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (E-v)****EDUCATIONAL TECHNOLOGY AND ICT****Course Title (c) EDUCATIONAL MEDIA AND RESEARCH IN CLASSROOM****Credits 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives**

- To enable learners apply ICT tools in courseware design and conduction of research work
- To enable student with the pattern of e-content design and its validation
- To enable students evaluate on-line learning materials and process of online testing

**UNIT-I**

- a) **Media:** Concept, characteristics, uses and limitations of various media. Mediaselection and integration,
- b) Multi-media packages and their uses in formal, non-formal and distance education, Media development policy, programs and strategies.

**UNIT-II**

- a) Open and Distance learning systems – Concept, need, characteristics and scope, nature of learning materials, evaluation and feedback.
- b) Research in Educational Technology – trends and priority areas.

**UNIT-III**

- a) Audio Visual Media in Education Audio-visual media – meaning, importance and various forms. Audio/Radio: Broadcast and audio recordings - strengths and Limitations, criteria for selection of instructional units, script writing, pre-production, post-production process and practices, use of RCCP in teaching, Role of AIR/Gyanvani, Audio Conferencing and Interactive Radio Conference.
- b) Video/Educational Television: Telecast and Video recordings - Strengths and limitations, Use of Television and CCTV in instruction and Training.

**UNIT-IV**

- a) **New Horizons of Educational Technology:** Recent innovations in the area of ET interactive video – Hypertext, video-texts, optical fiber technology.
- b) **Open schools and open universities.** Recent experiments in the third world countries and pointers for India with reference to education.
- c) **Transaction Mode:** Lecture cum demonstration and hands on experiences on the production of audio-visual material; observation of various modes of training programmes by the different organizations / institutions. Analysing the different instructional designs based on the various instructional design models. Preparation of a trend report on researches on instructional design of a trend report on researches on instructional design.

**Sessional Work:****Marks: 30**

Visit to local TV / Radio Station and analyzing the educational radio broadcast or TV telecast for quality and content

**REFERENCES:-**

- Conrad, Kerri (2001), Instructional Design for Web – Based Training HRD Press.
- Dececco, John, P. (1964). Educational Technology, Reading in Programmed Instruction.
- Holt Rinehart and Winston. Joyce, Bruce and Marsha Wali. (1985). Model of Teaching. New Delhi: Prentice Hall of India.
- Gagne, RM, Leslie J.B.; & Walter W.W. (1987) Principles of Instructional Design Wodworth Publishing Co.
- Horton, W (2001): Designing web-based Training John Wiley & Sons.
- Mangal, S.K. (2002). Fundamental of Educational Technology. Ludhiana: Parkash Brothers.
- Phillips. R (1997) Interactive Multimedia London: Kogan Page.
- Morey, D; Maybury M & Bhavani, Th. (2001) Knowledge Management University Press (India) Ltd: Hyd.
- Rosenberg, M.J. (2001) e-learning New York: McGraw Hill.
- Schank, R.C. (2001) Virtual Learning McGraw Hill.
- Sallis, E & Jones, G (2002) Knowledge Management in Education London: Kogan Page Ltd.
- Sharma, R.A. (2005). Educational Technology. Meerut: Modern Publishers.
- Sharma, R.A. (1977). ShikshanTakniki. Meerut: Modern Publishers. Singh, L.C. and Sharma, R.D. (2002). Micro Teaching. Agra: Bhargwa Book House Book Depot.
- Sharma, R.N., & Chandra: *Advanced Educational technology*. New Delhi: Atlantic Publishers S.S. (2003) and Distributors.
- Sharma, T.R. (2005): *Educational Technology* (Pbi.). Patiala: Twenty First Century Publications.
- Sodhi, G.S. & Dutt,: *Educational Technology*. Chandigarh: Sumir Publishers.
- Sunil (1993), Mehra, V. (2004): *Educational Technology*. New Delhi: S.S. Publishers.
- Thakur, A.S. & Berwal, Sandee (2011): *Essentials of Education Technology*. Patiala: Twenty First Century Publications.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES  
SECONDARY AND SENIOR SECONDARY STAGE (S)**

- For further specialization, students will study three courses (each of credits 4) of the option IV-B (S-i,ii,iii,iv,v) as selected in Semester III

Paper	Course Title	Credits		
		T	P	Internship
IV-B (S-i)	<b>Curriculum Pedagogy and Assessment</b>			
	a) <b>Advanced Curriculum Theory</b>	4		
	b) <b>Curriculum Transaction</b>	4		
	c) <b>Approaches to Curriculum Assessment</b>	4		
IV-B (S-ii)	<b>Educational Planning , Economics and Policy</b>			
	a) <b>Educational Planning and Economics of Education</b>	4		
	b) <b>Educational Planning Management and Financing of Education</b>	4		
	c) <b>Education Policy and Research</b>	4		
IV-B (S-iii)	<b>Educational Management , Administration and Leadership</b>			
	a) <b>Educational Management</b>	4		
	b) <b>Educational Administration</b>	4		
	c) <b>Leadership in Education</b>	4		
IV-B (S-iv)	<b>Inclusive Education</b>			
	a) <b>Inclusive Education for Children with Diverse Needs</b>	4		
	b) <b>Strategies for Diverse Learners</b>	4		
	c) <b>Education for Socially Disadvantaged Section</b>	4		
IV-B (S-v)	<b>Educational Technology and ICT</b>			
	a) <b>ICT and Educational Technology</b>	4		
	b) <b>Educational Technology and recent development</b>	4		
	c) <b>Latest trends in Educational Technology</b>	4		
V	<b>Academic Writing</b>		2	
VI	<b>*Dissertation</b>		4	

- **Total Credits: 18**

- \*(i) Dissertation shall be submitted upto 30<sup>th</sup> April. Under ordinary circumstances extension after semester IV will not be granted. However, one month extension under extra ordinary circumstances without late fee may be granted by Dean Academic Affairs and Student Welfare GNDU, Amritsar.
- (ii) Every candidate shall be examined in viva-voce on his/her dissertation.

**SEMESTER (I+II+III+IV) = 80 CREDITS**

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-i)****CURRICULUM PEDAGOGY AND ASSESSMENT****Course Title (a) ADVANCED CURRICULUM THEORY****Credits: 4****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

On completion of this course the student will be able to:

- Reflect upon the concept of curriculum and curriculum theory.
- Describe the nature of human knowledge.
- Explain the model of curriculum planning.
- List and explain different curriculum patterns and designs.
- Gain insight into models of curriculum change and innovation.
- Explain diffusion theory and model of dissemination of curriculum change and innovation.

**UNIT-I****Curriculum Development – Trends and Theories**

- a) Current Trends in Curriculum Development-Autonomy and Curriculum Development, Curriculum for Inclusion, E –learning and Curriculum Development.
- b) Theories and Curriculum Development-Curriculum and Constructivism, Curriculum and Critical Theory, Curriculum and Poststructuralist Theory

**UNIT-II****Curriculum-Knowledge and Planning**

- a) Knowledge: concept and nature of knowledge in philosophical and sociological perspective.
- b) Curriculum planning: concept, aims and objectives and models-prescriptive (ralph tyler model) and descriptive (Malcolm skilbeck's situational model).

**UNIT-III****Curriculum Design - Patterns and Models**

- a) Curriculum design: concept, steps and patterns (centralized, decentralized, co-ordinated).
- b) Models of curriculum design –objective model, process model, wheeler model, Kerr’s model.

**UNIT-IV****Curriculum Change and Innovations**

- a) Curriculum change and innovations: concept, and difference between curriculum change and curriculum innovation and Factors responsible for innovations in curriculum development.
- b) Theory of curriculum change and innovation (diffusion theory by roger)
- c) Models of dissemination (Schon’s model, Havlock’s models).

**Sessional work****Marks: 30**

- Comparison between the curriculum of two board of Education (Punjab board of school education and central board of school education).
- Critical analysis of existing syllabi on teacher education of any one university in your state.

**REFERENCES:-**

- Aggarwal, Deepak (2007): Curriculum development: Concept, Methods and Techniques. New Delhi. Book Enclave.
- Aggarwal, J.C (1990). Curriculum Reform in India- World overviews, Doaba World Education Series-3 Delhi, Doaba House, Book seller and Publisher.
- Arora, G.L. (1984): Reflections on Curriculum. NCERT.
- Bhalla, Navneet (2007), Curriculum development Published by Authorpress E35/103 Jawahar Park laxmi Nagar, New Delhi-92.
- Dewey, John (1966). The Child and the Curriculum. The University of Chicago Press.
- Diamond Robert M. (1986) Designing and Improving Courses in Higher Education: A Systematic Approach, California, Jossey-Bass Inc. Publication.
- Duyilemi, B.O.(2000). Introduction and understanding curriculum studies. Ado-Ekiti: Selak educational publishers.
- Joseph, P.B. et al; (2000): Cultures of Curriculum (studies in Curriculum Theory). New York. Teacher College Press.
- Kelly, A.V.(2004) The curriculum theory and practice. sage publication London.
- McKernan, James (2007): Curriculum and Imagination: Process, Theory, Pedagogy and Action Research.
- Routledge. U.K. NCERT (2000). National Curriculum Framework for School Education, NCERT, New Delhi.
- NCERT (2000). National Curriculum Framework for School Education, NCERT, New Delhi.
- NCERT (2005). National Curriculum Framework-2005, NCERT, Sri Aurobindo Marg, New Delhi.
- NCTE (2009) National Curriculum Framework for Teacher Education.

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

- Oliva, Peter F. (1988) *Developing the Curriculum*. Scott, and Foresman and Co.
- Reddy, B. (2007): *Principles of curriculum planning and development*.
- Taba Hilda (1962) *Curriculum Development: Theory and Practice*, New York, Harcourt Brace, Jovanovich Inc.
- J.W. & Joseph Bondi (2006): *Curriculum Development: A Guide to Practice*. Pearson Publication.
- Urevbu, A.(2001) *curriculum studies*, London and Lagos, juland publishers.
- <http://www.nadasisland.com/currictheory/foundation.html>.
- <http://www.people.uwplatt.edu/~steck/petrina%20text/chapter%209.pdf>.
- <http://www.docs.lib.purdue.edu/cgi/viewcontent.cgi?article=1423&content=eandc>.
- [http://www.higher\\_ed.org/resources/charles-eliot.html](http://www.higher_ed.org/resources/charles-eliot.html).
- <http://www.flm-journal.org/Articles/6F9A84FC509C2D73FA4535A001FBO.PDF>.
- <http://www.gaylecturner.net/three%20current.pdf>
- <http://www.files.eric.ed.gov/fulltext/ED319666.pdf>.
- <http://www.education.stateuniversity.com/pages/1794/Bobbitt-Franklin-1876-1956.html>.
- [http://www.nou.edu.ny/NOUN-OCL/pdf/EDU/EDU703CURRICULUM DEVELOPMENT THEORY&PRACTICES.pdf](http://www.nou.edu.ny/NOUN-OCL/pdf/EDU/EDU703CURRICULUM_DEVELOPMENT_THEORY&PRACTICES.pdf).
- <http://www.amec.glp.net/c/document-library/get-file?p-i-id=781847&folderId=1077184&name=DLFE-20789.pdf>.
- <http://www.sagepub.in/upm-data/31989-8695-kelly-final.pdf>.
- <http://www.tojet.net/articles/v5i2/523.pdf>.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-i)****CURRICULUM PEDAGOGY AND ASSESSMENT****Course Title (b) CURRICULUM TRANSACTION****Credits 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course objectives:-**

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

- Describe various methods/media for transaction.
- Discuss approaches of curriculum transaction.
- Explain role of ICT in curriculum Transaction.
- Develop skills to integrate ICT in curriculum transaction.
- Understand the importance of collaborative learning.

**UNIT-I****Understanding Curriculum Transaction**

- a) Meaning of curriculum transaction, minimum requirement for transaction of curriculum: duration, in-take, eligibility of students, content, qualification of teaching staff, infrastructure facilities, institutional facilities, classroom climate.
- b) Issues related to curriculum transaction, teacher's role in curriculum transaction.

**UNIT-II****Resources and Approaches of Curriculum Transaction**

- a) Curricular materials- textbooks: presentation of content, language, illustrations, episode, stories and practice exercise, Teacher's guide: its role in transaction.
- b) Collaborative/cooperative learning: meaning and its role in curriculum transaction, use of various methods and media in transaction of curriculum.

**UNIT-III****Integration of ICT in Curriculum Transaction**

- a) ICT's importance and role in in transaction of curriculum
- b) Various modes of ICT for transaction with their strengths and limitations, PLM, CAL, CAI.



**UNIT-IV****Role of Communication in Transaction**

- a) Concept of Communication in transaction, Importance of communication transaction of learning experience, various communication means and media, Necessary requirement for proper communication.
- b) Elements of communication (Who-the sender, what-the message, whom-the receiver, what-the change/the communication medium and structure of human relationship through which content material is transmitted), what effect-the valued.

**Sessional Work****Marks: 30**

- Students will prepare an observation schedule for curriculum transaction in any one-school subject.
- Students will observe and identify various methods, media & approaches used in transaction of curriculum for particular school subject/or course in teacher education.

**REFERENCES:-**

- Aggarwal, Deepak (2007): Curriculum development: Concept, Methods and Techniques. New Delhi. Book Enclave.
- Aggarwal, J.C (1990). Curriculum Reform in India World overviews, Doaba World Education Series 3 Delhi, Doaba House, Book seller and Publisher.
- Arora, G.L. (1984): Reflections on Curriculum. NCERT.
- CIET (2006) The Process of Making National Curriculum Framework 2005: A Video documentary both in Hindi and English, CIET, NCERT, New Delhi.
- CIET (2007) Curriculum Syllabus and Textbook: An Audio Interview with Sh. Rohit Dhankar, Chairperson of the National Focus Group set up under NCF2005 Process, CIET, NCERT, New Delhi.
- Dewey, John (1966). The Child and the Curriculum. The University of Chicago Press.
- Diamond Robert M. (1986) Designing and Improving Courses in Higher Education: A Systematic Approach, California, Jossey Bass Inc. Publication.
- Doll Ronald C. (1986) Curriculum Improvement: Decision Making Process, London, Allyon and Bacon Inc.
- Erickson, H.L (2002) Concept Based Curriculum and Instruction: Teaching beyond the facts
- Joseph, P.B. et al; (2000): Cultures of Curriculum (studies in Curriculum Theory). New York Teacher College Press.
- NCERT (2000). National Curriculum Framework for School Education, NCERT, New Delhi
- NCERT (2005). National Curriculum Framework2005, NCERT, Sri Aurobindo Marg, New Delhi.
- Oliva, Peter F. (1988) Developing the Curriculum. Scott, and Foresman and Co.
- Reddy, B. (2007): Principles of curriculum planning and development.
- Srivastava, D.S and SaritaKumari (2005) Curriculum and Instruction, Isha Books, D-43, Prithviraj Road, Adarsh Nagar, Delhi-110033.
- Taba Hilda (1962) Curriculum Development: Theory and Practice, New York, Harcourt Brace, Jovanovich Inc.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-i)****CURRICULUM PEDAGOGY AND ASSESSMENT****Course Title (c) APPROACHES TO CURRICULUM ASSESSMENT****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Understand process of curriculum assessment
- Differentiate between formative and summative evaluation
- Utilize different techniques for evaluation of curriculum and program
- Explain various tools used in curriculum assessment

**UNIT-I****Curriculum Assessment**

- a) Concept, characteristics, nature and principles of curriculum assessment.
- b) Approaches and Diagnosis in curriculum assessment.
- c) Models of curriculum Evaluation: Ralph Tyler's evaluation model, CIPP model (Stufflebeam), Robert Stake's countenance model, Micheal Scriven's model.

**UNIT-II****Types of Curriculum Assessment**

- a) Formative and summative evaluation: Concept, scope and importance, collection of appropriate evidences- during designing of curriculum, and trying out of curriculum.
- b) Evaluation based on test, ex student's reaction to instructional process, teacher's views concerning effectiveness of instruction, parent's reaction about courses, situation analysis using survey and interview, issues in curriculum evaluation.

**UNIT-III****Programme Assessment**

- a) Stages of programme evaluation- identifying decision makers, purpose and objectives of the programme, deciding indicators of success, developing data gathering material, collecting and analyzing data, soliciting feedback, making revisions.
- b) Realizing goals and objectives of education, appropriateness of content to learner's needs and interest, relating content to life experiences of learner.

**UNIT-IV****Tools and Techniques of Curriculum Assessment**

- a) Observation, classroom interaction (with teacher and in peer group, group work).
- b) Oral method: pretesting, diagnostic questions.
- c) Interview: consulting users of curriculum, an opinonnaire, maintaining diary by the children as well as teachers, project work, peer evaluation, maintaining portfolio of the work and their presentation.

**Sessional Work****Marks: 30**

- Assessment of curriculum of a particular school subject
- Summative evaluation of instructional process based upon questionnaire to be filled by students

**REFERENCES:**

- Apple, Michael W. (1979). Ideology and Curriculum; Routledge and K. Paul.
- Arends, Richard I.; Learning to Teach- Fifth Edition; McGraw Hill Higher Education; New York; 2000
- Bawa, M.S. & Nagpal, B.M. (Editors); Developing Teaching Competencies; Viva Books; 2010
- Cohen, Louis; Manion, Lawrence and Morrison, Keith; A Guide to Teaching Practice Fifth Edition; RoutledgeFalmer-Taylor and Francis Group; London; 2004
- Connelly, F. Michael (Editor); The Sage Handbook of Curriculum and Instruction; Sage Publications India Pvt. Ltd.; New Delhi; 2008
- D. J. O'Connor - Introduction to the Philosophy of Education – Dale, Edgar; Audio-Visual Methods in Teaching; TheDyden Press; Holt Rinehart and Winston Inc.; New York.
- Dhand, Harry; Techniques of Teaching; Ashish Publishing House; New Delhi.
- Ebel Robert L., (1991). Essentials of Educational Measurement, Prentice Hall of India.
- Faunce, Ronald C. and Bossing, Nelson L.; Developing the Core Curriculum; Prentice Hall; USA.
- Gagne, Robert and Briggs, Leslie; Principles of Instructional Design; Holt, Rinehart and Winston; USA.
- Garette: Educational Statistics – Gay, L.R.; Educational Evaluation & Measuremen
- Gunter, Mary Alice et.al.; Instruction: A Model's Approach- Fifth Edition; Pearson Education Inc.; Boston; 2007
- Knirk, Kent L. Gustafson, Holt, Rinehart and Winston, Inc, 1986 – Instructional Technology: Foundations, Robert Mills Gagne, Lawrence Erlbaum Associates, 1987

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

- Kelly, A.V.; *The Curriculum: Theory and Practice- Fifth Edition*; Sage Publications; London; 2006
- Krug, Edward A.; *Curriculum Planning*; Harper and Brothers; New York.
- Kubiszyn Tom. (2003). *Educational Testing and Measurement*, John Wiley.
- Kumar, K.L.(1996). *Educational Technology*; New Age International Limited Publishers, New Delhi.
- Leonard, J.Paul; *Developing the Secondary School Curriculum*; Holt, Rinehart and Winston; New York.
- Lewey A. (Ed.). *The International Encyclopedia of Curriculum*. Oxford: Pergomon Press.
- Linn, Robert L. and Gronlund, Norman E. (2000). *Measurement and Assessment in Teaching*; Pearson Education Inc.
- McNeil, John D.; *Curriculum: The Teacher's Initiative*; Third Edition; Merrill Prentice Hall; Ohio; 2003
- Moore, Kenneth D.; *Effective Instructional Strategies: From Theory to Practice*; Sage Publications India Pvt. Ltd.; New Delhi; 2005
- Muijs, Daniel and Reynolds, David; *Effective Teaching: Evidence and practice- Second Edition*; Sage Publication; London; 2005
- Mukalel, Joseph C.; *Creative Approaches to Classroom Teaching*; Discovery Publishing House; New Delhi.
- Mukunda, Kamala V.; *What Did You Ask At School Today: A Handbook of Child Learning*; Harper Collins Publishers; NOIDA; 2009
- National Curriculum Framework for School Education; NCERT; New Delhi; 2005
- Ornstein, Allan C. and Hunkins, Francis P. (1993). *Curriculum: Foundations, Principles*
- Wiles, Jon W. and Bondi, Joseph C.; *Curriculum Development: A Guide to Practice* Eight Edition; Pearson Boston; 2007
- Zias, Robert S. (1976). *Curriculum: Principles and Foundations*; Thomas Y. Crowell Company; New York.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-ii)****EDUCATIONAL PLANNING, ECONOMICS AND POLICY****Course Title (a) EDUCATIONAL PLANNING AND ECONOMICS OF EDUCATION****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Explain the types and approaches to educational planning
- Understand the concept of education as consumption and investment
- Analyze the political economy of education.
- Understand the labour markets.

**UNIT-I****Educational Planning**

- a) Objectives and scope of educational planning, Procedure for planning,
- b) Pre-requisite conditions to success in educational planning,
- c) Approaches to educational planning: social demand approach, manpower approach, rate of return approach

**UNIT-II****Types of Educational Planning**

- a) District level planning – Strategic and Operational Planning.
- b) Critical analysis of educational planning with respect to latest five year plan.

**UNIT-III****Education as Consumption, Investment and methodology**

- a) Consumption: Concept, significance, strategies
- b) Investment: Concept, significance, strategies
- c) Kinds of plan: Macro and Micro plans-. short, long, centralized, decentralization, preservative planning

**UNIT-IV****Education and Employment**

- a) Education and the labour market.
- b) Labour market theories in education.
- c) Internal labour markets and education.
- d) Youth unemployment and education
- e) The Economics of brain drain.

**Sessional Work****Marks: 30**

- Prepare a plan for the establishment of a new school.
- Visit the employment exchange of your district- Prepare the report of employed and unemployed youth in your district.

**REFERENCES:-**

- A. Gosh: New Horizon in Planning, 1956, Calcutta World Press.
- Baljit Singh, Economics of Indian Education, 1983, MeenakshiPrakashan, New Delhi.
- C.A. Anderso: The Social Context of Educational Planning,1967.
- C.E. Beeby: Planning and the Educational Administration.
- Charles Bettelheim, Studies in Theory of Planning 1959, Asia Publishers, New Delhi.
- D. Harrison Educational Planning and Human Development.
- Devendra Thakur, D.N. Thakur, Educational planning and administration,1997, Deep Publications.
- Devendra Thakur, Education and Manpower Planning, Deep Publication, New Delhi.
- H.Combs, What is Educational Planning.
- J.P.Naik: Educational Planning in India,1965. Allied Publichers Bombay-E.
- Manpower Aspects of Educational Planning(UNESCO,22.Ed. 1961).
- Sulkin, Sydney, Complete planning for college,1962, Harper Publisher, New York.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-ii)****EDUCATIONAL PLANNING, ECONOMICS AND POLICY****Course Title: (b) EDUCATIONAL PLANNING, MANAGEMENT AND FINANCING OF EDUCATION****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Develop an insight into the perspectives of management theories in the light of practices in education.
- Understand educational management system in India.
- Understand the relationship between the financial support of education and quality of education,
- Explore the financial problems of educational administration.

**UNIT-I****Educational Finance**

- a) Concept, need and significance of educational finance,
- b) Principles of educational finance,
- c) Financing education for productivity-creating qualified and productive manpower,
- d) General theory of public finance, Allocation of resources- economic and social bases for allocation of resources in education (cost minimization and quality improvement),
- e) Sources of educational finance- government grants, tuition fee, taxes, endowment, donation and gifts at centre and state level

**UNIT-II****Performance and Resource Management in Educational Institutions**

- a) Need for resource management in education,
- b) Quality assurance in material and human resources,
- c) Nature and characteristics of resources in education,- Material resources, Human resources, Financial resources, Procurement, utilization and maintenance of resources
- d) Role of central, state and local governments in resource mobilization.

**UNIT-III****Educational Expenditure**

- a) Monitoring of expenditure control, Utilization of funds, Accounting and auditing,
- b) Rising unit costs and resources constraints
- c) Demand for education and supply of education

**UNIT-IV****Constitutional Responsibility and Issues in Educational Finance**

- a) Constitutional responsibility for providing education, Central-state relationship in finance of education
- b) Problems and issues in educational management and finance

**Sessional Work****Marks: 30**

- Tentative preparation of a school budget
- Preparation of a blue print for expenditure control in a school.

**REFERENCES:-**

- Bush, Tony (1986): Theories of educational management. London: Harper & Row Publishers.
- John, R.L. & Morphet, B.L. (Ed.) (1952): Problems and Issues in public school finance. New York: Columbia University.
- Levin, Henry M (1983): Introduction to Cost Analysis in Cost-effectiveness: A Premie, New Delhi, and Sage.
- Musgrave, R.A.: Theory of Public Finance: A study of public Economy. New York: McGraw Hill.
- Nail J.P (1975) Equality, Quality and Quantity. New Delhi, Allied.
- Saxton, P.G. (1961). Education and Income. New York: Viking Press. World Baum (1986).
- Financing Education in developing Countries: An exploration of Policy option.



**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-ii)****EDUCATIONAL PLANNING, ECONOMICS AND POLICY****Course Title (c) EDUCATIONAL POLICY AND RESEARCH****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Explore various education policies and commissions
- Develop the skills in planning and using a variety of administrative strategies
- Analyze the documents through surveys.
- Evaluate the different policies.

**UNIT-I****Formulation of Educational Policy**

- a) Need and importance of educational policy
- b) Type of Education Policy - national, state level, short-term, long-term
- c) Policy objectives
- d) Determinants of educational policy
- e) Process of Policy Formulation

**UNIT-II****Education Policies**

- a) National Policy on Education (1986),
- b) Acharya RamaMurti Review Committee Report (1990),
- c) Janardhan Reddy Committee Report (1992),
- d) Modified Programme of Action (1992)

**UNIT-III****Monitoring and Evaluation of Policy Implementation**

Monitoring - issues involves

- a) Evaluation strategies
- b) Setting evaluation criteria.

**UNIT-IV****Policy Research**

- a) Concept of policy research, Analysis of Documents
- b) Research Surveys
- c) Evaluation studies- impact evaluation, process evaluation.

**Sessional Work****Marks: 30**

- Preparation of questionnaire for micro-level educational survey.
- Preparation of interview schedule for micro- level educational survey.

**REFERENCES:-**

- Blackmore, C., and Lauder, H. (2004): Researching Policy, in Somekh, B., and Lewkin, C. (2004) Ed. Research Method in the Social Sciences'. Pp. 97-104.
- Freeman, A.M., III (1993): The Measurement of Environmental and Resource Values: Theory and Methods. Washington, D.C.
- Mitchell, R.C., and R.T. Carson (1989): Using Surveys to Value Public Goods: The Contingent Valuation Method. Washiongton, D.C.
- Nagel, S., and Neef, M (1979): Policy Analysis in Social Science Research, London: sage Publications. Pp 9-14.
- Nisbet, J.D. (1988): Policy Oriented Research, in Keevs, J.P. (ed) 'eDUCATIONAL research Methodology and Measurement: An International Handbook'. Pergamon Press Plc. Pp139-145
- Nordhaus, W.D. (1998): Economic and Policy Issues in Climate Change. Washington, D.C.
- Trow, M. (1988): Policy Analysis, in Keevs, J.P. (ed) 'Educational Research Methodology and Measurement: An International Handbook.' Pergamon Press Plc. Pp 197-202
- Wildavsky, A. (1979): 'The Art and Craft of Policy Analysis', London: Macmillian Press Ltd. Pp 3-21 Govt. of India, MHRD (1982) NPE and its POA (1986/1992)

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-iii)****EDUCATIONAL MANAGEMENT, ADMINISTRATION AND LEADERSHIP****Course Title : (a) EDUCATIONAL MANAGEMENT****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Develop an insight of management process in educational organization.
- Analyze educational management at different levels.
- Understand educational planning, human resource development and staff development.

**UNIT-I****Management Processes in Educational Organization**

- a) Organization Development
- b) Organizational Change and Compliance

**UNIT-II****Educational Management at different levels**

- a) Secondary education
- b) Senior Secondary education

**UNIT-III****Human resource and Staff Development**

- a) Human resource management :concept, need, principles and scope
- b) Staff development: need, objectives, importance, methods, process and skill development.

**UNIT-IV****Total Quality Management (TQM)**

- a) Aspects and strategies of TQM
- b) Quality assessment in education –NAAC, Internal Quality Assurance cell (IQA C) , NCTE

**Sessional Work****Marks: 30**

- Critical analysis of educational planning in India w.r.t. short term & long term plans.
- Prepare a report on educational management of a school/college at Secondary/ Senior Secondary level.

**REFERENCES:-**

- Stoner, J.A.F. and Freeman, R.E. (1992). Management, Prentices Hall.
- Gosh, B. (1994). A New Look at Organizational behaviour, Bombay: Himalaya Publishing House.
- Adair, John (1985). Effective Decision Making, Panbook London.
- Mathew, M.T. (1993). Organization Theory and Behaviour, Jaipur: RBSA Publishers.
- Sisk, M.L. (1977). Management and Organization, Souths Western Publishing Co. Ohio.
- Evertson, Carolyn (1984). Classroom management for Elementary Teachers, Prentice Hall.
- Nayor, P.R. Dave, P.N., and Arora, K. (1982). The Teacher and education in the Emerging India Society. New Delhi: NCERT.
- Aggarwal, J.C. (1994). Educational Administration Management and Supervision, Principles and Practices. New Delhi. 22
- Kochhar, S.K. (1990). Secondary School Administration, Jalandhar, University Publishers.
- Mathur, S.S. (1990). Educational Administration and Management, Ambala: Indian Publication.
- Vashisht, S.R.(ed.) (1994). School Administration. New Delhi: Anmol Publications

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-iii)****EDUCATIONAL MANAGEMENT, ADMINISTRATION AND LEADERSHIP****Course Title (b) EDUCATIONAL ADMINISTRATION****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Explore trends in Educational Administration.
- Understand and appreciate the role of different agencies in educational administrations.
- Identify the problems of educational administration in India.
- Comprehend the significance of educational administration at different levels.

**UNIT-I****Theoretical Considerations**

- a. Development of modern concept of educational administration from 1900 to the present day
  - Taylorism, Administration as process and bureaucracy, Human relations approach, System approach and Democratic approach to administration
- b. Specific trends in educational administration
  - Decision making, Organizational development and competencies
  - Programme Evaluation and Review Technology (PERT)

**UNIT-II****Administrative System of Indian Education**

- a) Post-Independence Role of Government of India in Education
- b) Evaluation and Development of Central Ministry of Education: (i) Organization and Activities of Ministry of Education (ii) The Attached Autonomous and Subordinate Bodies (iii) Advisory and statutory bodies in education-Central Advisory Board, University Grant Commission, N.C.E.R.T

**UNIT-III****Institutional Administration**

- a) Role of the Followings in Effective Institutional Administration: (i) Management (ii) Teachers (iii) Guardians
- b) Place of Inspections and Supervision in the Development of the Institution
- c) Ways and Means to Tackle the various Administrative Problems

**UNIT-IV****Educational Finance**

- a) Role of the Following Bodies in Financing Education: (i) Govt. of India (ii) State Government (iii) Local Bodies (iv) Private Agencies
- b) Sources of Educational Finance: (i) Govt. (Centre and State) Grant (ii) Endowment donation, gifts (iii) Capitalition fees (iv) Foreign Aids

**Sessional Work****Marks: 30**

- Prepare an evaluatory report on any one Advisory body of education-Central Advisory Board/ University Grant Commission/ N.C.E.R.T
- Critical analysis of any one body in financing education - Govt. of India/ State Government / Local Bodies/ Private Agencies

**REFERENCES:-**

- Balsara, Maitrya: Administration Reorganization of Teacher. New Delhi: Kaniska, 2002.
- Bhatnagar, R.P. and Vidhya Agarwal: Educational Supervision. Meerut: Loyal Book Depot, 1978.
- Kaushik, V.K.: School Administration & Organization. New Delhi: AnmolPrakashan, 2002.
- Kochar, S.K.: Secondary School Administration. New Delhi: Sterling, 1978.
- Kochar, S.K.: Successful Supervision and Inspection. New Delhi: Sterling, 1981.
- Kudesia, U.C.: ShikshaPrshasan. Agra: VinodPustakMandir, 1981.
- Malaya, K.C.: ShikshaPrshasanEvamPurvekchan. Bhopal: Hindi Granth Academy, 1971.
- Mathur, S.S. and Kohi, V.K.: School Administration and Organization. Jallunder: Krishna Brothers, 1973.
- Mohanti, B.: School Administration and Supervision. New Delhi: Deep and Deep, 2001
- Mohanti, J.: Education Administration, Supervision and School Management. New Delhi: Deep and Deep, 2002.
- Mukerjee, S.N.: Educational Administration in India. Baroda: Acharya Book Depot, 1962.
- Mukerjee, S.N.: Secondary School Administration. Baroda: Acharya Book Depot, 1963.
- Nwankwo, J.I.: Educational Administration Theory and Practice. New Delhi: Vikas Publishers, 1982.
- .Pandya, S.R.: Administration and Management of Education. Mumbai: Himalya, 2001.
- Safaya, R. and Shaida, B.D.: Administration and Organization. Delhi: DhanpatRai and Sons, 1977.
- Sharma, K.K.: ShalaPrashashan. Bhopal: M.P. GranthAkademi, 2002.
- Shukla, S.P.: Education Administration, Organization and Health Education. Agra: VinodPrakashan, 2000.
- Shukhiya, S.P.: VidhyalayaPrashashanAvemSangathan. Agra: VinodPrakashan, 2001.
- Siddhu, S.K.: School Organization and Administration. New Delhi: Sterling Publishers, 1987.
- Vashist, S.R.: Classroom School Administration. New Delhi: AnmolPrakashan, 2002

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-iii)****EDUCATIONAL MANAGEMENT, ADMINISTRATION AND LEADERSHIP****Course Title (c) LEADERSHIP IN EDUCATION****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Utilize the leadership skills in maintaining human relations in administration.
- Understand the role of leader in the professional growth of the person.
- Understand the role of principle as a democratic leader.
- Explore the barriers to educational leadership.

**UNIT-I****Educational Leadership**

- a) Educational Administration Leadership Skills (i) Decision Making (ii) Planning (iii) Co-Ordinating (iv) Communicating (v) Evaluating (vi) Feed Back
- b) Behavioural Pattern of Educational Leadership: (i) Aloofness (ii) Production Emphasis (iii) Thrust (iv) Consideration (v) Human Relationship

**UNIT-II****Role of an Educational Leader**

- a) Role of an Educational Leader: (i) As a Policy Formulator (ii) As a Planner (iii) As an Organizer (iv) As a Decision Maker (v) As a Coordinator (vi) Maintainer of Human Relationship with Students, Teachers, Guardians and the Community (vii) As an Innovator
- b) Role of Principal as a change agent and as a democratic leader of the school and local community.

**UNIT-III****Pre-requisites and Barriers in Leadership**

- a) Essential requisites of a good Educational Leader- mission, vision and values.
- b) Barriers in Educational Leadership.
- c) Models of leadership: Ohio state leadership, Managerial grid model, Likert leadership.

**UNIT-IV****Leadership and Human Relationship**

- a) Importance, basic Values and Principles of Human Relations in administration.
- b) Ways and Means of Establishing Human Relationship with Teachers, Parents, Students etc.

**Sessional Work****Marks: 30**

- Survey any two schools and prepare a report of human relationships between teacher and learner.
- Prepare a report by assessing the type of leadership of five principals of different schools.

**REFERENCES:-**

- Baldrige, J. V. (1978). Policy making and effective Leadership. Sanfrancisco: Jossey Bass.
- Bhattacharya, D.K. (2001) Managing People. New Delhi: Excel Books.
- Bush T., L. B. (2003). The Principles and Practice of Educational Management. (Edited, Ed.) New Delhi: Sage Publications.
- Bush, T., Bell, L., Bolam, R., Glatter, R. and Ribbins, P. (1999) Educational Management. London: Paul Chapman Publishing Ltd.
- Dawra, S. (2003) Management Thought. New Delhi: Mohit Publication.
- Drucker, P. (2001) The Essential Drucker. New Delhi: Butterworth.
- Harigopal, K. (2001) Management of Organizational Change. New Delhi: Response Books.
- Hell reiegel, D., Jackson, S.E. and Slocum, J.W. (2002) Management. Australia: Thomson,
- Kochan, T.A. and Schmalensee, R.L. (2003) Management. U.S.A.: The MIT Press.



**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-iv)****INCLUSIVE EDUCATION****COURSE TITLE: (a) INCLUSIVE EDUCATION FOR CHILDREN WITH DIVERSE NEEDS****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

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

- Understand the nature of difficulties encountered by children with diverse needs.
- Understand the causes of various disabilities.
- Understand the needs of the children with diverse needs.
- Appreciate the role of teacher for educating children with diverse needs.

**UNIT-I****Education for Children with Hearing Impairment**

- a. Definition and Characteristics of Children with Hearing Impairment
- b. Types and Identification of Hearing impairment
- c. Curriculum adaptations and Role of teacher for educating Children with Hearing Impairment

**Education for Children with Visual Impairment**

- a. Definition and Characteristics of Children with Visual Impairment
- b. Types and Identification of Visual impairment
- c. Curriculum adaptations and Role of teacher for educating Children with Visual Impairment

**UNIT-II****Education for Mentally Retarded**

- a. Definition and Characteristics of Children with Mental Retardation
- b. Types and Identification of Mentally Retarded
- c. Curriculum adaptations and Role of teacher for educating Children with Mental retardation

**Education for Gifted and Creative**

- a. Definition and Characteristics of Gifted and Creative Children.
- b. Identification of Gifted and Creative children
- c. Curriculum adaptations and Role of teacher for educating gifted and creative children

**UNIT-III****Education for Learning Disabled**

- a. Definition and Characteristics of Children with Learning Disability
- b. Types and Identification of Learning Disabled Children
- c. Curriculum adaptations and Role of teacher for educating Children with Learning Disability

**Education for Orthopedically Handicapped**

- a. Definition and Characteristics of Orthopedically Handicapped
- b. Identification of children with orthopaedic handicapness
- c. Curriculum adaptations and Role of teacher for educating orthopedically Handicapped.

**UNIT-IV****Education for Children with Autism**

- a. Definition and Characteristics of Children with Autism
- b. Causes, Identification and curriculum adaptations for children with Autism
- c. Role of teacher in education of Autistic children

**Education for Children with Cerebral Palsy**

- a. Definition and Characteristics of Children with Cerebral Palsy
- b. Causes, Identification and curriculum adaptations for children with Cerebral Palsy
- c. Role of teacher in education of children with Cerebral Palsy

**Sessional Work****Marks: 30**

The students will undertake any one of the following:

- Observation of inclusive teaching strategies and discussion.
- Conduct a survey in the local area to ascertain the prevailing attitudes/ practices towards social, emotional and academic inclusion of children with diverse needs.
- Field visit to school/institutions promoting inclusive practices and discussion with teachers and observation and analysis of teaching learning practices.

**REFERENCES:**

- Ahuja. A, Jangira, N.K. (2002): Effective Teacher Training; Cooperative Learning Based Approach: National Publishing house 23 Daryaganj, New Delhi 110002.
- Ainscow, M., Booth. T (2003): The Index for Inclusion: Developing Learning and Participation in Schools. Bristol: Center for Studies in Inclusive Education.
- Chintamanikar,(1992).Exceptional Children-Their Psychology and Education, Sterling Publishers Pvt. Ltd., New Delhi
- Dash M.,Education of Exceptional Children-Atlantic Publications and Distributors, New Delhi
- Jangira N.K. and Mani, M.N.G. (1990): Integrated Education for Visually Handicapped,Gurgaon, Old Subjimandi, Academic Press.
- Jangira.N.K.(1986).Special Education, Britania and Britania and India, Gurgaon AcademicPress,India
- Jha. M.( 2002) Inclusive Education for All: Schools Without Walls, Heinemann Educational publishers, Multivista Global Ltd, Chennai, 600042, India.
- Mathew, S. (2004) Education of children with hearing impairment. RCI, Kanishka Pub. New Delhi
- Panda, K. C. (1997) Education of exceptional children. Vikas Pub. New Delhi
- Sahu,B.K.(1962) Education of Exceptional Children, Houghton Mifflin Company, Boston
- Sharma P.L (2003) Planning Inclusive Education in Small Schools, R .I E. Mysore
- Sharma, P.L. (1990) Teachers handbook on IED-Helping children with special needs N. C. ER T Publication.
- Wornock,M.(1978)"Special Educational Needs".Report of the Committee of the Inquiry into thePeople,HMSO.

**SEMESTER-IV  
SPECIALISATION – OPTIONAL COURSES**

**Paper-IV-B (S-iv)**

**INCLUSIVE EDUCATION**

**COURSE TITLE: (b) PREPARATION AND MANAGEMENT OF INCLUSIVE  
EDUCATION**

**Credit: 4**

**Time: 3 Hrs.**

**Total Marks: 100**

**Theory: 70**

**Sessional Work: 30**

**Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

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

- Understand the essentials for the preparation for inclusive education.
- Appreciate the role of the concerned personnel for supporting inclusion for children with diverse needs
- Recognize the needs of preparation of teachers for inclusion.
- Understand the need of planning and management for inclusive education.

**UNIT-I**

**Preparation for Inclusive Education**

- Concept and meaning of diverse needs.
- Educational approaches and measures for meeting the diverse needs.
- Importance of early detection, Functional assessment for development of compensatory skills.
- Adaptations in instructional objectives , curriculum and co-curricular activities for meeting diverse needs of children minority from rural, tribal, girls, SC ST , linguistic and other groups.

**UNIT-II**

**Supporting inclusion for Children with Diverse Needs**

- Role of technology for meeting diverse needs of learners
- Role of resource teacher in developing and enriching academic skills for higher learning.
- Role of teachers, parents and other community members for supporting inclusion of children with diverse needs.
- Role of different national and international agencies {institutions, universities} in promoting inclusive education.

**UNIT-III****Teacher preparation for Inclusive Education**

- Skills and competencies of teachers and teacher educators for secondary education in inclusive settings.
- Roles, responsibilities and professional ethics of an inclusive education teacher and teacher educators.
- Evaluation and follow up programmes for improvisation of teacher preparation programmes for inclusive education.

**UNIT-IV****Planning and Management of Inclusive Education**

- Planning and Management of Inclusive Classrooms: Infrastructure, Human Resource and Instructional Practices
- Curriculum and Curricular Adaptations for Diverse Learners
- Classroom Evaluation Practices
- Management of Inclusive Education Classrooms

**Sessional work****Marks: 30**

The students will undertake any one of the following:

- Conduct a survey on the type of supportive service needed for inclusion of children with any disability of your choice and share the findings in the class.
- Subject specific Term Work Module/assessment modes – at least two- as decided by the department/college in the beginning of the semester (like Extension/field/experimental work, Short Quiz; Objective test, lab practical, open book test etc and written assignments, Case study, Projects, Posters and exhibits etc for which the assessment is to be based on class presentations wherever applicable) to be selflessly assessed by the teacher/s concerned

**REFERENCES:**

- Ahuja. A, Jangira, N.K. (2002): Effective Teacher Training; Cooperative Learning Based Approach: National Publishing house 23 Daryaganj, New Delhi 110002.
- Ainscow, M., Booth. T (2003): The Index for Inclusion: Developing Learning and Participation in Schools. Bristol: Center for Studies in Inclusive Education.
- Chintamanikar,(1992).Exceptional Children-Their Psychology and Education,Sterling Publishers Pvt. Ltd., New Delhi
- Dash M.,Education of Exceptional Children-Atlantic Publications and Distributors, New Delhi

## MASTER OF EDUCATION (M.ED.) (TWO YEARS) (SEMESTER SYSTEM)

- Jangira N.K. and Mani, M.N.G. (1990): Integrated Education for Visually Handicapped, Gurgaon, Old Subjimandi, Academic Press.
- Jangira.N.K.(1986).Special Education, Britania and Britania and India, Gurgaon Academic Press, India
- Jha. M.( 2002) Inclusive Education for All: Schools Without Walls, Heinemann Educational publishers, Multivista Global Ltd, Chennai, 600042, India.
- Mathew, S. (2004) Education of children with hearing impairment. RCI, Kanishka Pub. New Delhi
- Panda, K. C. (1997) Education of exceptional children. Vikas Pub. New Delhi
- Sahu, B.K.(1962) Education of Exceptional Children, Houghton Mifflin Company, Boston
- Sharma P.L (2003) Planning Inclusive Education in Small Schools, R .I E. Mysore
- Sharma, P.L. (1990) Teachers handbook on IED-Helping children with special needs N. C. ER T Publication.
- Wornock, M.(1978) "Special Educational Needs". Report of the Committee of the Inquiry into the People, HMSO.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-iv)****INCLUSIVE EDUCATION****COURSE TITLE: (c) TRENDS, ISSUES AND INNOVATIONS IN INCLUSIVE EDUCATION****Credits 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

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

- Understand the current trends in Inclusive Education.
- Understand the needs national issues in Inclusive education.
- Recognize the need for promoting supportive services for inclusion.
- Recognize the need for promoting innovations in Inclusive Education.

**UNIT-I****Current Trends in Inclusive Education**

- Education: Normalization, Mainstreaming, Integration and Inclusion
- Rehabilitation: Deinstitutionalization, Community based rehabilitation.
- Cross disability approach
- Open School Learning system : non-formal Education

**UNIT-II****Issues in Inclusive Education in India**

- Current Status and Issues of inclusive education in India
- Barriers and Facilitators in Inclusive Education: Attitude, Social and Educational
- Ethical Issues in Inclusive Education
- Researches in Inclusive Education in India

**UNIT-III****Supportive Services for inclusion**

- Concept, importance and types of supportive services (medical, rehabilitative and educational).
- Early identification and available referral services for support
- Myths and facts of supportive services for inclusive learning.
- Role of teacher and teacher educators in utilizing support services for inclusion.

**UNIT-IV****Innovation in Inclusive Education**

- Assistive and Adaptive Technology for Diverse learners: Product (Aids and Appliances) and Process (Individualized Education Plan (IEP), Remedial Teaching),
- Therapeutic Interventions: Need and Scope
- Use of Information Communication Technology (ICT) in inclusive classroom
- Effectiveness of inclusive strategies such as enrichment, cluster grouping, mixed ability grouping, multilevel teaching, cooperative learning, peer tutoring in the context of constructivism.

**Sessional work****Marks: 30**

The students may undertake any one of the following activities:

- Review of literature related to education of children with diverse needs presentation of reports in a seminar
- Identify suitable research areas in inclusive education.
- Make a list of existing resources in the local area and discuss their use and limitations based on survey of five inclusive schools

**REFERENCES:**

- Ahuja. A, Jangira, N.K. (2002): Effective Teacher Training; Cooperative Learning Based Approach: National Publishing house 23 Daryaganj, New Delhi 110002.
- Ainscow, M., Booth. T (2003): The Index for Inclusion: Developing Learning and Participation in Schools. Bristol: Center for Studies in Inclusive Education.
- Chintamanikar,(1992).Exceptional Children-Their Psychology and Education,Sterling Publishers Pvt. Ltd., New Delhi
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- Jangira.N.K.(1986).Special Education, Britania and Britania and India, Gurgaon AcademicPress,India
- Jha. M.(2002) Inclusive Education for All: Schools Without Walls, Heinemann Educationalpublishers, Multivista Global Ltd, Chennai, 600042, India.
- Mathew, S. (2004) Education of children with hearing impairment. RCI, Kanishka Pub. New Delhi
- Panda, K. C. (1997) Education of exceptional children. Vikas Pub. New Delhi
- Sahu,B.K.(1962) Education of Exceptional Children, Houghton Mifflin Company, Boston
- Sharma P.L (2003) Planning Inclusive Education in Small Schools, R .I E. Mysore
- Sharma, P.L. (1990) Teachers handbook on IED-Helping children with special needs N. C. ER T Publication.
- Wornock, M.(1978)''Special Educational Needs''.Report of the Committee of the Inquiry intothePeople,HMSO.



**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-v)****EDUCATIONAL TECHNOLOGY AND ICT****Course Title (a) ICT AND EDUCATIONAL TECHNOLOGY****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives:-**

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

- Use modern innovations in teaching-learning process.
- Understand the role of mass-media in education.
- Evaluate the use of various teaching aids in classroom.

**UNIT-I****ICT in Teaching and Learning**

- a) Introduction to ICT-Meaning, Nature, Characteristics and Scope
- b) Teaching Learning contexts and need for ICT devices,
- c) Critical analysis of teaching aids and their application in instruction in learning, Classroom and ICT

**UNIT-II****Forms of Educational Technology**

- a) Teaching Technology; Instructional Technology; and Behavioural Technology.
- b) Approaches to Educational Technology: hardware, software and multimedia approach.

**UNIT-III****System Approach to Education**

- a) Components (goal setting, task analysis, and content analysis).
- b) Instructional objectives in terms of Bloom's Taxonomy

**UNIT-IV****Instructional Strategies**

Principles related to:

- a) Whole Group Learning
- b) Small Group Learning : Collaborative Learning
- c) Individualized Learning

**Sessional Work****Marks: 30**

- Identifying appropriate media and material for effective use in the transaction of a lesson.
- Formulate instructional objectives according to Bloom's taxonomy on any topic.

**REFERENCES:-**

- Apter, Michel, J. (1968). *The New Technology of Education*. London: MacMillan.
- Bhatia, K.K. & Sidhu, H.S. (1994). *Foundations of Teaching Learning Process*, Ludhiana: Tandon Publication.
- Bhushan, A. and Ahuja, M. (1992). *Educational Technology*. Patiala: Bawa Publishers.
- Chauhan, S.S. (1978). *A Textbook of Programmed Instruction*. New Delhi: Sterling.
- Mukhopadhyay, M. (1990): *Educational Technology – Year Book 1988*, All India Association for Educational Technology, New Delhi.
- Mukhopadhyay, M. (1990): *Educational Technology – Challenging Issues*, Sterling Publishers Pvt. Ltd., New Delhi.
- Parmaji, S. (1994): *Distance Education*, New Delhi: Sterling Publishers.
- Rana, S. (1994): *Open Learning in India*, Commonwealth Publishers, New Delhi.
- Sampathet. al. (1981): *Introduction to Educational Technology*, Sterling Publishers Pvt. Ltd.

**SEMESTER-IV****SPECIALISATION – OPTIONAL COURSES****Paper-IV-B (S-v)****EDUCATIONAL TECHNOLOGY AND ICT****Course Title (b) EDUCATIONAL TECHNOLOGY AND RECENT DEVELOPMENT****Credits: 4****Time: 3 Hrs.****Total Marks: 100****Theory: 70****Sessional Work: 30****Instructions for the Paper Setters:-**

- The syllabus consists of four units. Unit I, II, III, IV.
- The question paper will consist of five units. Unit I, II, III, IV, and V.
- In unit I, II, III and IV, there will be two questions from each unit of the syllabus (unit I-IV). The students will have to attempt total five (5) questions, selecting atleast one question from each unit. Each question carries 10 marks.
- Unit V will be compulsory. It will consist of four short answer type questions. There will be one question from each unit of the syllabus (unit I-IV). Each question carries 05 marks.

**Course Objectives**

- To theoretical perspective of educational technology as a field of study.
- To have future practitioners a conceptual understanding related to systemic and institutional development.
- Certain competencies and skills related to instructional management and classroom practices.

**UNIT-I**

- a) Communication process: concept, types, modes, process and barriers,
- b) Modern techniques of communication: Tele-conferencing, e-learning, m-learning, Classrooms: smart, flipped and virtual.
- c) Instructional Designing: Lecture, Discussions, Panel discussions, Seminars, and tutorials.

**UNIT-II**

- a) Action Research as a tool of solving educational problems related with teaching learning: Process, Objectives, and Steps of Action Research.
- b) Recent development in the field of Interaction analysis. Application of Interaction analysis to Teaching.
- c) Team Teaching, Edusat.

**UNIT-III**

- a) **Models of Teaching:** Meaning, Assumptions and Fundamental Elements of a Model of Teaching.
- b) Taba's Inductive Thinking Model;
- c) Ausubel 's teaching model and
- d) Bruner's concept attainment model

**UNIT-IV**

- a) **Programmed Learning-** Concept, Principles and Types of Programmed Learning (Linear, Branching, Mathetics)
- b) Stages of Program Development

**Sessional Work****Marks: 30****Prepare an Action Research Proposal.**

Critical analysis of the different instructional designs based on the various instructional design models.

**REFERENCES:-**

- AnandRao B. and Ravishankar: Readings in Educational Technology, Himalaya Publishing House, RamdootDr.BhaleraoMarg, Bombay – 04.
- Chauhan S S: A Text Book of Programmed Instruction. (2<sup>nd</sup>Ed). Sterling Publishers Pvt Ltd., New Delhi / Bangalore.
- Dharma, OP and Bhatnagar O.O: Educational and Communication for Development, Oxford and IBG, New Delhi
- Goldberg, Alvin and Carl E.;Larson: Group Communication, Prentice Hall, Inc. New Jersey.
- HarunArrasjid and DorineArrasjid: Media – A pocket Guide, MSS Information Corporation, New York.
- Keith Hudson: Introducing CAL – Practical guide to writing CAL Programmes, Chapman and Hall, London.
- Khanna S.D et.al: Technology of Teaching and Teacher Behavior, Doaba House, New Delhi, 1984. Four Author: Technology of Teaching.
- Patel I.J and other: A Hand Book of Programmed Learning, CASE, Baroda.
- Ronald H Anderson: Selecting and Developing Media for Instruction, Van Nostrand Reinhold, New York.
- Ruhela S P (2001): Some Aspects of Educational Technology.
- Sharma R A: Programmed Instruction – An Instructional Technology, Loyal Bank Depot, Meerut (UP).
- Sharma R.A: Programmed Instruction – An Instructional Technology, Goyal Book Depot, Meerut.

**SEMESTER-IV****Paper-IV-BS (v)****EDUCATIONAL TECHNOLOGY AND ICT****Course Title (c) LATEST TRENDS IN EDUCATIONAL TECHNOLOGY****Credits: 4****Course Objectives:-**

- To enable learners apply ICT tools in courseware design and conduction of research work
- To enable student with the pattern of e-content design and its validation
- To enable students evaluate on-line learning materials and process of online testing

**UNIT-I**

- a) **Media:** Concept, characteristics, uses and limitations of various media. Media selection and integration,
- b) Multi-media packages and their uses in formal, non-formal and distance education, Media development policy, programs and strategies.

**UNIT-II**

- a) Open/Distance learning systems – Concept, need, characteristics and scope, nature of learning materials, evaluation and feedback.
- b) Research in Educational Technology – trends and priority areas.

**UNIT-III**

- a) Audio Visual Media in Education Audio-visual media – meaning, importance and various forms. Audio/Radio: Broadcast and audio recordings - strengths and Limitations, criteria for selection of instructional units, script writing, pre-production, post-production process and practices, use of RCCP in teaching, Role of AIR/Gyanvani, Audio Conferencing and Interactive Radio Conference.
- b) Video/Educational Television: Telecast and Video recordings - Strengths and limitations, Use of Television and CCTV in instruction and Training.

**UNIT-IV**

- a) **New Horizons of Educational Technology:** Recent innovations in the area of ET interactive video – Hypertext, video-texts, optical fiber technology
- b) **Open schools and open universities.** Recent experiments in the third world countries and pointers for India with reference to education.
- c) **Transaction Mode:** Lecture cum demonstration and hands on experiences on the production of audio-visual material; observation of various modes of training programmes by the different organizations / institutions. Analysing the different instructional designs based on the various instructional design models. Preparation of a trend report on researches on instructional design of a trend report on researches on instructional design.

**Sessional Work:**

Visit to local TV / Radio Station and analyzing the educational radio broadcast or TV telecast for quality and content

**REFERENCES:-**

- Conrad, Kerri (2001), Instructional Design for Web – Based Training HRD Press.
- Dececco, John, P. (1964). Educational Technology, Reading in Programmed Instruction.
- Holt Rinehart and Winston. Joyce, Bruce and Marsha Wali. (1985). Model of Teaching. New Delhi: Prentice Hall of India.
- Gagne, RM, Leslie J.B.; & Walter W.W. (1987) Principles of Instructional Design Wodworth Publishing Co.
- Horton, W (2001): Designing web-based Training John Wiley & Sons.
- Mangal, S.K. (2002). Fundamental of Educational Technology. Ludhiana: Parkash Brothers.
- Phillips. R (1997) Interactive Multimedia London: Kogan Page.
- Morey, D; Maybury M & Bhavani, Th. (2001) Knowledge Management University Press (India) Ltd: Hyd.
- Rosenberg, M.J. (2001) e-learning New York: McGraw Hill.
- Schank, R.C. (2001) Virtual Learning McGraw Hill.
- Sallis, E & Jones, G (2002) Knowledge Management in Education London: Kogan Page Ltd.
- Sharma, R.A. (2005). Educational Technology. Meerut: Modern Publishers.
- Sharma, R.A. (1977). ShikshanTakniki. Meerut: Modern Publishers. Singh, L.C. and Sharma, R.D. (2002). Micro Teaching. Agra :Bhargwa Book House Book Depot.
- Sharma, R.N., &Chandra, :*Advanced Educational technology*. New Delhi: Atlantic Publishers S.S. (2003)and Distributors.
- Sharma, T.R. (2005) : *Educational Technology* (Pbi.). Patiala: Twenty First Century Publications.
- Sodhi, G.S. &Dutt, :*Educational Technology*. Chandigarh: Sumir Publishers.
- Sunil (1993), Mehra, V. (2004) : *Educational Technology*. New Delhi: S.S. Publishers.
- Thakur, A.S. &Berwal, Sandee (2011):*Essentials of Education Technology*. Patiala: Twenty First Century Publications.

**SEMESTER-IV**  
**PAPER-V**  
**COURSE TITLE: ACADEMIC WRITING**

**Credits: 2**

**Marks: 50 (Sessional)**

**Course Objectives:-**

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

- Understand writing and various styles of writing
- Perform good academic writing
- Distinguish a good academic writing from others
- Develop reports and thesis

**UNIT-I**

**Introduction to Academic Writing**

- a) Concept of Writing and Styles of Writing
- b) Concept and Scope of Academic Writing
- c) Essentials of good Academic Writing

**UNIT-II**

**Developing Reports**

- a) Editing and Proof Reading
- b) Referencing
- c) Paraphrasing and Acknowledging
- d) Reporting
- c) Footnotes

**Note: The Course may be taught through Workshops on the aforesaid topics and allied areas**

**REFERENCES:-**

- Canagarajah, A. Suresh (2002): *A Geopolitics of Academic Writing* (Pittsburgh: University of Pittsburgh Press)
- Clare, Judith, and Helen Hamilton (2003): *Writing Research: Transforming Data into Text* (Edinburgh: Churchill Livingstone)
- Coinam, David (2004). 'Concordancing Yourself: A Personal Exploration of Academic Writing', *Language Awareness*, 13, 1, pp. 49–55
- Creme, Phyllis, and Mary R. Lea (2008): *Writing at University: A Guide for Students*, 3rd edn (Maidenhead: McGraw-Hill; Open University Press)
- Hyland, Ken (2004): *Disciplinary Discourses: Social Interactions in Academic Writing*, Michigan classics edn.
- Northedge, A.(2005): *The Good Study Guide (New Edition)*, The Open University.
- Richards, Janet C., and Sharon K. Miller (2005). *Doing Academic Writing in Education: Connecting the Personal and the Professional* (Mahwah, NJ: Lawrence Erlbaum)
- Ritter, R. M.(2005): *New Hart's Rules: The handbook of style for writers and editors*, Oxford University Press, Oxford.
- Strunk, W.(2006): *The Elements of Style*, Filiquarian Publishing, LLC.



**SEMESTER-IV****PAPER-VI****DISSERTATION****Credits 4****Marks: 100 (External)**

- a) Dissertation shall be submitted Upto 30<sup>th</sup> April. Under ordinary circumstances extension after semester IV will not be granted. However, one month extension under extra ordinary circumstances without late fee may be granted by Dean Academic Affairs and Student Welfare GNDU, Amritsar. This extension will be granted under specific reasons to be recorded by the HOD of the department / principal of the institution as well as supervisor of the candidate/es
- b) Every candidate shall be examined in viva-voce on his/her dissertation.
- c) When a candidate/es has failed in the examination but has obtained pass marks in the dissertation, dissertation marks may be carried forward at his option for two subsequent years without fresh assessment of the dissertation. After two years the candidate/es may revise the dissertation and resubmit it for the assessment.