राज ऋषि भर्तृहरि मत्स्य विश्वविद्यालय

Raj Rishi Bharthari Matsya University

FACULTY OF EDUCATION

SYLLABUS AND SCHEME OF EXAMINATION

M.Ed. (TWO YEAR)

Ordinances for Admission of Students to the Examination of Master of Education (Two year programme):

0.327. The candidates seeking admission for the degree of Master of Education (Two year programme) should have obtained at least 50% marks or an equivalent in the following programme of this university or another university recognized by the syndicate for the purpose, a regular course of the study;

i) B.Ed.
ii) Shiksha Shastri
iii) Graduation and B.Ed. (Four year course)
iv) B.El.Ed, (Four year course).

N.B.: Candidate passing Shiksha Shastri Examination and seeking admission to M.Ed. Course shall be considered eligible for admission to M.Ed. if the candidate has passed Shiksha Shastri examination with courses of study as are identical to B.Ed. This shall be operative From the session 2021-23

Reservation and relaxation for SC/ST/OBC/PWD, EWS and other applicable categories shall be as per rules of the central/state government whichever is applicable.

0.328. The Master degree in Education (M.Ed.) programme is for a period of two year regular full time consisting of two parts viz. M.Ed. (Part-Ist) and M.Ed (Part-II) To complete the M.Ed. programme maximum time period will be three years from the date of the admission as per NCTE regulations.

0.328 A. The objectives of the M.Ed. Course are:

1. To prepare professional personnel required for staff colleges of education at the pre primary and   secondary levels.

2. To prepare professionals, administrators and supervisors for the various positions of responsibility in Educational institution, Department of Education and Educational Planning and Supervisory Educational Services.

3. To train persons for various psychological services such as psychological, testing. personal educational and vocational guidance, statistical services with an educational orientation

4. To train persons for participation in programmes of examination reforms and educational evaluation.

5. To train persons for organizing curriculum development and preparation of instructional materials.

6. To prepare personnel through systematic study and research which will contribute to the development of educational literature and lead to the growth of education as a discipline.

7. To understand the Socio-economic-cultural background and academic of entrants to B.Ed course.

8. To master the methods and techniques of developing competencies, commitments and performance skills of a teacher.

9. To explain the nature of issues and problems faced by the state system of education and some innovative remedies to solve them.

10. To appreciate the national education policies and provisions made in the plan to spread quality secondary education in the country and the ways and means to equip would be secondary teachers for the same.

11. To understand, in the light of recent global developments, the new thrusts in education, the ways and means to inculcate intellectual, emotional and performance skills among secondary level teachers, the "Global citizens of tomorrow".

12. To imbibe them attitudes and skills required for life-long learners on the ICT influenced world of today and tomorrow.

13. To acquire the skills required of a 'consumer' and 'practitioner' of Educational Research and Innovations.

The objectives are expected to be achieved through (a) a closer study of fundamental basic subjects, (b) specialization in subjects allied to the selected field and (c) some research or investigation.

The course as a whole is flexible enough to provide (i) Specialization in a field of education (il) broad study of education according to the needs and interest of the students.

0,329. The Examination for the Degree of M.Ed. shall consist of the following:

Part 1- Theory paper and ISB, Demonstration, Internship and Practical Work.

Part II- Dissertation

Dissertation:

0329A. The dissertation in the Ist year shall be closely related to the optional papers offered by the candidate. The topic and the plan of the dissertation will be decided in consultation with the faculty members appointed by the Principal of an affiliated college and Head of the department, Education of the University. The topic is finally approved by the Principal in case of affiliated college and by the Head of the department of Education in case of university. In special case the Principal/ Head of the university department, Education of the university may permit a student to select any other field for his/her dissertation.

Every candidate for the M.Ed. examination in the Ist year shall, at the time of submitting the dissertation will produce a certificate from the Head of the Institution/Head of the university department of Education, where he/she has studied to the effect that the dissertation work of the candidate is genuine and is fit to examine.

The dissertation together with two copies of the summary shall be submitted to the Principal of the College/Head of university department of Education, who will forward the same to the Registrar of the University before 2nd year examination.

In case of candidate having offered dissertation involving interdisciplinary approach to more than one subject, the Supervision by more than one person is permitted and such supervision be termed as joint supervision.

O.329 B. There shall be an examination at the end of year, in the month of May/June. A candidate who does not pass the examination in any course(s) shall be permitted to appear in such failed course(s) in the subsequent examinations to be held in next year.

O.329 C. If in the examination both parts of which are taken simultaneously by a candidate, if dissertation is adequate but he/she has not reached the required standard in the written part of the examination, the candidate shall be exempted

from re-entry on the presentation of a dissertation, similarly if the candidate has reached the required standard in the written papers, but the dissertation is not adequate, he/she shall be exempted from re entry in the written part of the examination.

0.329 D. A candidate who has passed the M.Ed. Examination of the University of any other University recognized by Syndicate may be permitted to appear for the examination in the remaining paper/papers in the area of specialization paper X already offered by him (without attending a affiliated college), or the papers in any other area of specialization under Part I (B) provided he/she studies at a Post-Graduate Teachers Training College affiliated to the University for at least six months and completes the required amount of Theoretical, Practical, Sessional work if the area of specialization which he/she wishes to offer is different from the one in which he/she submitted the dissertation during the M.Ed. Examination.

43:- SCHEME OF EXAMINATION

Theory papers and ISB, demonstration, internship, practical work.

Ist Year	Paper 1,2,3,4	Course Work	
	5,6,7,8	ISB I	
IInd Year	Paper 9,10,11,12	ISB II	a) Dissertation work
			b) Internship
	(* Internship)		
	Paper 14,15,**16	ISB III	a) Dissertation
			b) Academic Writing
	(** Dissertation)		

Programme Outline of M.Ed. Ist Year

Paper	Course Code	Course Title	Credits	External	Internal	Total
				Evaluation		
I	M.Ed.-01	Psychology of Learning and Development	04	75	25	100
II	M.Ed.-02	Historical, Political and Economical Perspective	04	75	25	100
III	M.Ed.-03	Educational Studies	04	75	25	100
IV	M.Ed.-04	Introduction to Research Methods	04	75	25	100
Course Work	**Course Work**	**Internship :-** (Practicum Work with B.Ed. Students) Seminar/ Workshop / Conference (attend & organize) Lecture on any one innovative Method, one P.P.T. Presentation on Current Educational Issues.	04	-	10x10= 100	100
ISB-1	*ISB I (Inter Semester Break)	**Communication and expository Writing :-**	04	-	100	100
		Part I- A, Review of Related Literature on any area of Education Research	01	-	20	20
		B. Disertation Work :- 1. Synopsis Presentation of Research Study (PPT) 2. Student orientation on Tools development related to current issues in Education areas Part II- Self Development Programme (Any Two)	02	-	50	50
		1. **Personality Development –** Meaning type, Factors, Approaches, Techniques to enhance the personality 2. **Communication Skills –** Meaning, components, types, barries and ways of improving C.S. and its importance 3. **Creative writing Skills –** Meaning, Types, elements, forms and Techniques to improve the C.W. Skills 4. **Decision making Skills-** Meaning, Types, steps involved in decision making, Techniques to improve the D.M. Skills. 5. **Interpersonal Skills –** Meaning, Types Techniques to improve & its importance. 6. **Management Skills –** Meaning, Characteristics, competence & its Importance. 7. **Research Skills-** Meaning, Types, Characterstics, components, ways of improving R.S. and its importance 8. **Analytical Skills-** Meaning, Types, Characteristics, Techniques to improve the Analytical Skills. 9. **Time Management-** Meaning, Types, Characteristics, components, ways of improving T.M. and its importance.			30	30

V	M.Ed.-05	Philosophy of Education	04	75	25	100
VI	M.Ed.-06	Sociology of Education	04	75	25	100
VII	M.Ed.-07	Curriculum Studies	04	75	25	100
VIII	M.Ed.-08	Teaching Education- I	04	75	25	100
Total			**40**			**1000**

Aggregate of I Year

1 credits = 12 hours

Total credits = 32+8= 40 credit   Total hours= 40x12= 480 hours

Total Marks 100x9=900

ISBI = 100   = 1000 Marks

Programme Outline of M.Ed. 2nd Year

Paper	Course Code	Course Title	Credits	Evaluation		Total
				External	**Internal**	

ISB-II	***ISB-II**	Course of Professional Development
		A. Internship in TEI
		  i. Prepare Administration and Standardize of any one Psychology Test.
		  ii. Case study on basis of Individual differences
		  iii. Observation of One Educational Training Institution and Its Report writing.
		  iv. Development Skills to maintain Institution Office records.
			04	-	100
					1x25
					
					1x25
					
					1x25
					
					1x25
						100

IX		Specialization on courses :- On the basis of two levels i.e. Elementary Education, Seconday and Sr. Secondary Education) **(Any One)-opt any one following paper with one level**				
	M.Ed.-09	(a) Pedagogy of Science Education (b) Pedagogy of Mathematics Education (c) Pedagogy of Language Education (d) Pedagogy of Social Science Education	04	75	25	100

	M.Ed.-10	**Specialization on courses (Any One)**
		  i. Guidance and Counseling -I
		  ii. Curriculum Pedagogy and assessment-I
		  iii. Education Policy, Economics and Planning-I
		  iv. Educational Management, Administration and Leadership-I
		  V. Education Technology –I
		  VI. Theme based on Institutional Strengths (Any One)
		  a) Life Long Education-I
			04	75	25	100

		b)Value Education and Human Rights-I c)Peace Education-I d)Yoga Education-I e)Inclusive Education-I				
			4	75	25	100
XI	M.Ed.-11	Advanced Research Methods	04	75	25	100
XII	M.Ed.-12	Teacher Education-2	04	75	25	100
ISB III	**ISB III**	**A. Dissertation (2 Credits)** i. Data Collection ii. Introduction of Excel / SPSS for Data Analysis iii. Presentation by students of statical techniques used in data analysis using Excel/ SPSS **B. Academic Writing (2 Credits)** i. Abstract writing of two research paper of dissertation work. ii. Library based Self directed study notes (any two topics)	**04**	-	**100**	**100**
XIII	M.Ed.-13	**Specialization on courses :-** On the basis of two levels i.e. Elementary Education, Secondary and Sr. Secondary Education (Any One) opt any one following paper with one level (a) Pedagogy of Science Education (b) Pedagogy of Mathematics Education (c) Pedagogy of Language Education (d) Pedagogy of Social Science Education **Practical Work- Project work on topic of above papers**	04 02	75	25 50	100 50
XIV	M.Ed.-14	**Part (A) Specialization on course (Any one)** i. Guidance and Counseling –II ii. Curriculum Pedagogy and assessment-II iii. Education Policy, Economics and Planning-II iv. Educational Management, Administration and Leadership-II v. Education Technology-II vi. Theme based on Institutional Strengths (Any one) a) Life long Education-II	04	75	25	100

		b) Value Education and Human Rights-II c) Peace Education d) Yoga Education-II e) Inclucisve Education-II **Practical Work- Project on topics of above papers**	02		50	50
XV	M.Ed.-15	Dissertation - Dissertation writing - Dissertation (Pre-submission Presentation) - Final Presentation and Viva-Voce	02 01 01	50 - 25	25	100
Total			**40**			**1000**

Aggregate of IInd Year

Total credits 40 credit   Total hours= 40x12= 480 hours

Total Marks 900

ISB II   100   1000 Marks.

ISB III-100

Total Credits = IYear + 2 Year	Total Marks = 1000+1000 = 2000 Marks
40 + 40 = 80 credits	Total hours = **480+480 = 960 hrs.**

Evaluation of M.Ed. Examination

1. Each theory paper in Ist year I,II,III & IV, V, VI,VII,VIII carry 100 marks out of which 75 marks will be of theory paper and 25 marks to be assessed on sessional work.

2. In each year the duration of each paper shall be three hours. Internship programme in first year I will carry 100 marks equal evalent to one paper.

3. **ISB-1:** Ist Year will be of 100 Marks, out of which 20 marks will be for Part 1 -(a) Review of Related Literature on any area of Education Research, 50 marks will be for (b) Dissertation Work and 30 marks will be for Part II- Self Development Programme.

4. ISB-2: 2nd Year will be of 100 Marks, out of which 100 marks will be Internship in TEI.

5. ISB-3: 2nd Year will be of 100 Marks, out of which 50 marks will be of Dissertation and 50 marks will be of Academic Writing.

6. 100 marks will be carry in ISB Ist year II, 100 Marks will be carry in ISB II 2nd year 100 Marks will be carry in ISB-III IInd Year 100 marks out of which 50 of dissertation writing as external assessment, 25 marks of dissertation (Pre submission presentation) as internal assessment & 25 marks of final Presentation and viva-Voce as external assessment.

QUESTION PAPERS:

1. Each theory paper shall carry 100 marks and will be of 3 hours. Part A of theory paper, shall contain 15 short answer questions of 30 marks, based on knowledge, understanding and applications of the topics/texts covered in the syllabus. Each question will carry two marks for correct answer.

2. Part B of paper will consist five questions; in which candidate will attempt any three questions of 45 marks (Each question will carry 15 marks). Limit of the answer will be five pages.

3. Each practicum will be of four/six hour's durations and will involve laboratory experiments/ exercises.

4. These marks will be divided further as:

Theory Paper   **75 Marks**
Sessional Work   **25 Marks**

The Sessional work shall be examined by both the external and the internal examiner and an average of the marks awarded by them shall be considered. In case there is difference of more than 20% Marks than the same shall be examined by the third examiner and the nearest average shall be considered.

Part-II Dissertation

200 Marks

The dissertation shall be examined on the following line:

External Examiner   75 Marks (Final Report 50, Viva 25)

Internal Examiner   125 Marks (ISB PART-2 (50MARKS), ISB-3(50

MARKS), (Pre-submission presentation 25 marks).

Working out the result and awarding division:

The successful candidate shall be classified into two classes.

Class-1-Those obtaining 60 percent of the aggregate marks or more.

Class-II- Those obtaining at least 48 percent of the aggregate or more but less than 60 percent. The minimum passing marks in each paper except Dissertation shall be 30 per cent. In dissertation the minimum passing marks shall be 48 percent.

0.8 B Credits:

The term 'Credit' refers to the weightage given to a course, usually in relation to the instructional hours assigned to it. For instance, in case of Internship programme, symposium, seminar, workshop, communication skill and internal exams assigned 80 Credits in each year. However, in no instance the credits of a course can be greater than the hour allotted to it. One credit refers to 12 hours. Total 960 hours in two years. The total minimum credits, required for completing a PG M.Ed. Programme is 80 credits. Credit marks in I and 2 Year 40. Total credit marks will be 80.

(Ist Year)

M.Ed – 01

PSYCHOLOGY OF LEARNING AND DEVELOPMENT

Objectives   **100 Marks**

After completing the course the students will be -

1. To enable the students to understand the psychological foundation of education.

2. To develop an understanding about theories of learning.

3. To develop an understanding about learners cognitive thinking and learning styles.

4. To develop an understanding of theories of personality and its measurement.

5. To understand psychological measurement, of all aspects of educational psychology.

6. To develop an understanding of concept, models and types of Meta-cognition.

Course content

Unit-I Educational psychology and issues to Human Development   10 HOURS

A. Meaning and concerns of education psychology, Contribution of various schools with reference to teaching -learning: Structuralism, Functionalism, Behaviorism, Gestalt, Psychoanalytic, Humanistic, and Constructivism

B. Methods in psychology- Survey, Observation, Clinical, Case Study and Experimental

C. Concept of Growth & Development of the learner (Physical, Social, Mental & Emotional Development) and their Implications for learning. Role of heredity and environment in Growth & Development. Individual differences:-

meaning, causes and their Educational Implications (with special reference to mental retarded, gifted & delinquent).

Unit-II Cognitive aspects of an individual   10 HOURS

A. Cognitive development:

• Cognitive process-Perception, Attention, Memory, Development of concepts, Logical Reasoning, Critical-Thinking, Development of concepts, Strategies for Teaching concepts, Problem Solving, Decision Making. Study of consciousness: Sleep, Wake Schedule, Dream, Stimulus Deprivation, Role of meditation in quality sleep,

• Critical appraisal of views of Piaget, Bruner & Vygotsky with reference to multiple school contexts of Bharat.

B. Intelligence - Nature, Impact of Heredity and environment on intelligence, Concept of intelligence according to Indian culture, Impact of culture on (Multiple intelligence, Triachic, Fluid and crystallized, PASS (Planning, Attention - Arousal and simultaneous successive model), Types of intelligence-Emotional, Social, Spiritual and Artificial. intelligence, Theories

C. Creativity -Effect of school environment on creativity, Curriculum for pupils teachers based on Creativity Enhancement, Measurement of creativity, and Co relation of creativity with intelligence

Unit - III Paradigms of Learning   8 HOURS

A. Learning: - Meaning, affecting factors, types and learning styles

B. Learning theories with educational Implication: Hull's Reinforcement theory, Guthrie's Theory, Tolemen's Theory, Verbal Learning, Concept Learning, Skill Learning.

C. Transfer of Learning:- Factors, theories & their implication for teachers

Unit - IV Personality and Motivation   10 HOURS

A. Personality:- Definition and nature, Theories-Psychoanalytical classical and Neo Freudian, Humanistic: Roger and Maslow's, Biological, Genetic: Eysenck

Arousal Theory and Zuckerman's Theory, Social - Cognitive Theory: Bandura's Theory, Personality Traits by Carl- Jung's-(Extroversion v/s introversion, Sensing v/s Intuition, Thinking Personality. v/s Feelings, Perceiving v/s judging),Measurement of

B. Motivation: Instinct, Need, Drive, Motives, Maslow's Need Hierarchy, Reinforcement, Punishment-reward, Achievement Motivation by Mc- Cleland and educational implications, interest and aspiration, Measurement of Motivation.

Unit V-Applications of psychology to health and education   10 HOURS

A. Adjustment: Concept and definition, Factors affecting, adjustment (Frustration & Conflict), mechanism of adjustment, Ego-Defense mechanism, Identification and education of mal-adjusted children.

B. Stress, Sources of Stress, Stress management technique, Anxiety, Forms of Anxiety: panic and phobia, Vocational Guidance & Career Counseling.

C. Promoting of positive health and well being:- mental-health& hygiene Resilience, Theory of Seligman, Positive thinking.

Sessional Work: **25 marks**

Active participation in routine class instructional deliveries (Practical work, tutorial, field work etc.)

• Prepare Administration and scoring of psychological tests. (anyone)

    i.   Personality

    ii.   Case study

    iii.   Intelligence

References:

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12. Mangal S.K.: advanced Educational Psychology; New Delhi, Prentice Hall of India Pvt. Ltd.

13. Michael Green (1989): Theories of Human Development prentice Hall, englewood cliffs, New Jersy.

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16. Wordsworth B.J. piaget's (1989): Theory og cognitive and affective Development, New York, Longman incorporated.

M.Ed. - 02
HISTORICAL, POLITICAL AND ECONOMICAL PERSPECTIVE

MARKS-100

Objectives:

After completing the course the students will be able -

1. To understand the development and role of Education in Historical, Political and Economical aspects in India.

2. To understand about multidisciplinary approach in relation to Education with other 3. To understand the relationship between political institutions, economic policies and aspects. historicism.

4. To understand the educational contribution of great thinkers.

5. To understand the role of central agencies in development of education in India.

6. To acquaint with the experiments and their contribution in education.

7. To understand the importance of democratic values and constitutional provisions for Education in India.

8. To understand the global trends of education in changing nature of global society like open learning system, scientific & technical invasion, economic and social challenges.

Course Content:

Unit-I: Historical Aspects   **8 HOURS**

A. Comparative study of the development of Education in ancient, medieval and modern reign with special reference to aims, objectives, curriculum, methods and Evaluation techniques, Impact of colonialism on Indian Society, economy, polity and education.

B. Experiments and contribution in Indian Education: Gujarat Vidya Peeth, Shanti Niketan, Pondichari Ashram, Chitrakoot Gramodyog Vishva Vidhyalaya, Riverside School.

Unit-II: Political Aspects   **10 HOURS**

A. Educational Contribution of prominent thinkers in brief. M.K. Gandhi, Vivekanand, Maulana Abul Kalam Azad, Dr. A.P.J. Kalam and Jyotibha Phoole.

B. Democratization of Education, role of democracy and education in multicultural & multilingual societies, Constitutional provisions for Education in India, Human Rights (U.N. declaration) with special reference to Child Right..

C. New trends, problems and their possible solutions of Indian Educational Administration, world Problems and Terrorism: its causes, impact on society, remedies through Education.

Unit - III: Economical Aspects   10 HOURS

A. Meaning, Concept, Importance of Economic Growth and Economic development, Planning, Role of Education for it, Economy and Education: Impact of LPG (Liberalization, Privatization, globalization) and concept of PPP (Public Private Partnership).

B. Economics and Migration, The Economics of Brain Drain, Economic threatening : Poverty, Unskilled labour, lack of resources, inequitable growth, unemployment, Economic Underdevelopment.

C. Contribution of Education for development: Skill development, Man power planning, Human Resource management and its relevance to Education, Niti Aayog: Origin concept, objects, role, functions and challenges.

Unit - IV: Global Aspects   10 HOURS

A.Economic and historical forces in shaping the aims of Education, Dominance conflict and resistance in the concept of Education. Dellor's commission Report 1996, Citizenship Education: Meaning, Concept, Qualities, Need and importance, Role of culture.

B.A study of secularism, Nationalism and Universalism, Scientific, Technical and

Cultural invansion, its impact on society and education.

C. Open learning society and open learning system: origin, meaning, concept, objectives, merits and challenges.

UNIT V: CENTRAL AGENCIES OF EDUCATION   10 HOURS

A. Introduction: MHRD, NCTE, NCERT, CBSE, CABE, NUEPA, UGC, NAAC.

B. Functions of Central agencies

C. Educational Implications in reference to quality enhancement in present teacher training challenges.

SESSIONAL WORK:

Attempt any two of the following.   **25-MARKS**

1. Power point presentation on any topic of the syllabus of this paper (units 1-5).

2. Seminar on any topic related to political and economic issue based on education.

3. Three abstract of recent articles related to subject published in reputed journals.

4. Write two term papers on global aspects of education.

References:

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M.Ed-03
EDUCATIONAL STUDIES

Objectives   **MARKS 100**

After completing the course the students will be able

1. To develop an understanding about the concept of Educational Studies.

2. To develop insight into different areas of Educational Studies.

3. To enrich their professional life by the study of comparative education.

4. To help them perceive the wide variety of education tasks and arrangement in different countries.

5. To acquaint them with the recent research done in different fields of Education.

6. To acquaint with contemporary concerns of Education.

7. To develop skill in analyzing research paper.

8. To understand recent education policies and acts.

Course Content:

UNIT-I Areas & Analysis of Educational Studies -   **9 HOURS**

A. Pedagogical, Philosophical, Psychological, Health, Curriculum, Gender issues, Action Research, School Administration, Technological development, Drama Arts, Special education and Environmental Scenario.

B. Analysis of Educational Studies from reputed and recognized, educational journals.

UNIT II-Changing Socio-Cultural Context of Education   **10 HOURS**

A. Education in the present Socio-Cultural Perspective, Understanding Contemporary Indian society with reference to multilingual, multicultural gender, equity, poverty, diversity, human rights and rights of child, appropriate approaches for teaching, young children in the context of diversities and Constitutional provisions of education

B. Process of socialization and acculturation of child-critical appraisal of the school, parents, peer group and the community, Young children and social policy, Social context as a source for rejuvenating teaching and learning and classroom as a social context

UNIT -III Comparative Education

A. Concept, Meaning, Nature and Importance Comparative Education.   **9 HOURS**

B. comparative study of Educational system at Primary, Secondary, Higher and Teacher education of India with reference U.S.A, U.K. and Russia

UNIT-IV Contemporary Concerns of Education -   **10 HOURS**

A. Impact of prevailing examination system on students and stake holder, Past exam reforms,-Secondary Education Commission (1952-53), Education Commission (1966), NPC (1986), National Focus Group Position Paper on exam reform, (Improving quality through range of question, grading, credit system, mode of certification and role of ICT

B. Public Private Partnership issues and challenges, Professional development of teacher through quality training, Interpersonal relationship, Financial Status, Job satisfaction, Education for skill development, Delinking of Jobs with degree (emphasis on professional skills and life skills), Environmental Education, Gender Sensetazitation.

UNIT-V Recent Education Policies and Acts   **10 HOURS**

A. RTE Act (2009) (Approaches to education, economic reforms, Human rights, Lifelong education), NCF 2005 and 2009, Ninth Five Year Plan on Education (1997 - 2002), Tenth Five Year Plan on Education (2002-2007)

B. Constitutional Provision in Education

Sessionals-

    Any two   **25 marks**

      • Evaluation of Research Paper.

      • Action Research on any one educational topics

      • Review of NCF 2005 & 2009.

      • A comparative study of professional life on the bases of India & abroad.

References:-

1. Banrs, J.A. (1996), Cultural diversity and education: Foundations curriculum and teaching (4th ed.) Boston: Alynand, Becon. Bruubacher

2. Beyer, L.E. (Ed.) (1996) Creating democratic classrooms: The struggle to integrate theory and Practice. New York: Teachers College Press.

3. Butchvarov, P. (1970) The Concept of knowledge, Evanston, Illinois, North Western

University Press. Debra Heyes

4. Delors, Jacques, et al. (1996). Learning: The Treasure within report of the international commission on education for 21st century, UNESCO

5. Freire, Paulo (1970). Pedagogy of the oppressed. New York: Continuum.

6. John S.; (1969) Modern Philosophies of education, Tata McGraw-Hill, Publishing Company Pvt LTD, New Delhi.

7. Martin Hills, Pam Chistic and Bob Lingard (2007) Teachers and schooling: Making a Difference, Allen and Unwin, Australia..

8. NCERT (1987): In-service Teacher Education Package for Primary School Teachers, New Delhi.

9. NCERT (1991): Elementary Teacher Education Curriculum, Guidelines and Syllabi, New Delhi.

10. NCERT (2005): National Curriculum Framework, New Delhi,

11. NCTE, (2004): Teacher Education Curriculum, New Delhi.

12. Singh, L.C. (Ed.) (1987): Teacher Education - A Resource Book, NCERT, New Delhi.

M.Ed.-04
Introduction to Research Methods

Objectives: **Marks 100**

After undergoing this course the students will be able to:

1. Explain and describe the meaning of Scientific Method, Scientific Inquiry and their implications for educational research.

2. Describe characteristics of philosophical, psychological and sociological paradigms as they apply to educational research.

3. Explain and adopt different strategies of research to solve educational problems.

4. Understand mechanics of writing research proposal research papers.

5. Select research problem, preparation of research proposal, doing research and its report writing.

6. Understand recent research trends in India & abroad.

COURSE CONTENT

UNITI Structuring Educational Research   **10 Hours**

A. Nature of research, knowledge and inquiry: Nature of knowledge and its sources (Instinct, reason, intuition etc). Scientific method of inquiry (Authority, Intution, Tenacity, Rationalism, Empiricism) and their role in knowledge generation, Meaning, nature & need of research nature, scope and significance of Educational Research, Major orientation in Educational Research: Philosophical, Sociological, Psychological, Technological and Management etc. Types of Researches: Fundamental, Applied & Action Research, Quantitative & Qualitative.

B. Research Problem: Sources for identifying the research problem, Characteristics of a good research problem, Scientific Steps of Research, Reviewing Literature (online database, encyclopedia, etc), Ethical issues in Research-Plagiarism, APA guidelines for human participants in research.

UNIT II Design in Educational Research   **10 Hours**

A. Quantitative Research: Descriptive research. Subcategories of Descriptive Research: Surveys, Correlation Studies, Ex-post facto research, Historical research (meaning, steps, significance, primary and secondary sources and internal and external criticism). Experimental Research. Experimental design, Quasi Experimental Design, Factorial Design, Single-subjects design, Controlling, extraneous and intervening variables.

B. Qualitative Research: Case studies (Developmental and longitudinal), Ethnographic studies, Phenomenological research and naturalistic inquiry, Grounded theory, Policy research.

C. Mixed Research-meaning, fundamentals principals, strength and weakness, types and limitations

UNIT III Variables, Hypothesis, Population & Sample   **10 Hours**

A) Variables: Meaning definition and types of variables. (Independent, Dependent, Extraneous, Intervening, Confounding etc.)

B) Hypothesis: Meaning and difference between assumptions, postulates and hypotheses, Meaning and types of hypothesis: difference between Positive and Null

Hypothesis, Characteristics of good hypothesis, Hypothesis testing. Types of errors: Type I and Type II

C) Populations and Samples: Population and Sample, Characteristics of a good sample, Sample procedure

UNIT IV: - Tools and Methods of data collection   **8 Hours**

A) Tools: Types of Tools, Standardize & Non-Standardize Tests, Construction of a Test Questionnaire, Interview, Rating Scale, Observation, Attitude Scale, Schedule, and Sociometry.

B) Validity, Reliability & Objectivity of a Test, Adaptation of a Test

UNIT V Writing of Research Proposals, Recent trends in Education   **10 Hours**

A. Writing of Research Proposals - Identification of a research topic: Sources and need, Review of related literature, Rationale and need of the study, Conceptual and operational definition of the term, Variables, Research question, aims objectives and hypotheses,

Delimitation, Methodology, samples, tools, Scope, limitation, delimitation, Significance of the study, Bibliography, Time frame, Budget if any and chapterisation

B. Recent trends in Education- History of Research, Education Research in India, Education Research in Abroad, Futuristic Trends of educational Research

Sessional: **25 marks**

1 Review of literature on any area of research(Reference and bibliography)

2. Concept map of any area of research methods.

References:

1. Best, John W.: Research in Education

2. Dalen, Deobold B. Van: An Introduction to Educational Research. 3. Fisher, R: Designs of Experiments.

4. Garrett, H.E.: Statistics in Education and Psychology..

5. Good, C.V.. Introduction to Research.

6. Guilford, J.P.: Fundamental Statistics in Psychology and Education. 7. Keeves, John P. (Ed.): Educational Research, Methodology and Measurement: An International Handbook.

8. Kerlinger, Fred N: Foundations of Behavioural Research.

9. Mouley, George J.: The Science of Educational Research.

10. Myros J.K.: Fundamentals of Experimental designs.

11. Verma, M.: An Introduction to Educational and Psychological Research.

M.Ed.-05
Philosophy of Education

Objectives: **Marks: 100**

After completing the course the students will be able -

1. To understand the relevance of philosophy as a discipline.

2. To develop a deeper understanding of the relationship between education.

3. To understand the scope and application of educational philosophy.

4. To acquaint with the philosophical theories underlying educational principles.

5. To appreciate the contribution of western philosophy and Indian Philosophy to Education.

6. To develop the capacity to do independent thinking and a deeper insight into the philosophical roots and educational problems.

Course Content:

Unit 1 Educational Philosophy   **8 HOURS**

A. Philosophical Foundation of Education: Meaning & scope of Philosophy, Need of philosophy in life and for a Teacher its Practical Meaning & Various definitions of education.

B. Interrelationship between philosophy & Education, Modern Concept of Philosophy: Analysis Logical empiricism & positive relativism, Scope- Functions of Educational Philosophy

Unit 2 Fundamental philosophical Issues: -   **10 HOURS**

A. Metaphysical Issues: The issues with special reference to ontology, cosmology and theology, Epistemological and axiological issues.

B. The issues special reference to reality and objectivity worth of knowledge and truth

C. Axiological Issues: Ethics and aesthetic issues, their origin and scope. Nyaya, Yoga, Samkhya.

Unit3. Comparative Study of the western Schools of Philosophy   10 HOURS

A. Study of western schools of Philosophy on the basis of following point: Principles and general maxims, Aims of Education, Curriculum, Teaching Methods, Discipline, Teacher pupil relationship and their place in education, Beliefs about nature of knowledge, Morality and Values.

B. Naturalism, Pragmatism, Idealism, Existentialism and Realism

Unit 4. Impact of Educational Philosophy of some Indian Philosopher   10 HOURS

A. Study of Indian Philosophers keeping in mind the following points: - Concept of education and Effect of their contribution on philosophies.

B. Specific contribution and its relevance with contemporary educational practice:- Dr. Jakir Hussain, Dr. S. Radhakrishnan, J. Krishnamurti, Dr. B.R. Ambedakar

Unit 5. Indian School of philosophy   10 HOURS

A. Study of Indian Schools of philosophy keeping in mind the following points :-Thematic Concept, Aims of Education, Curriculum, Teaching Methods and Discipline

B. Upanishad, Bhagvad Gita, Jainism, Buddhism, Vedanta Philosophy and Islamic Philosophy

Sessional Work:

Any two of the following: **25 Marks**

  - One term paper on any topic related to educational philosophy.
  - Report writing of a panel discussion or college of educational philosophy.
  - Abstract of two recent educational philosophical research paper.

References:

1. Broalldy Harry (1967). Building a Philosophy of Education, Engleword; Cliffs, Prentice Hall Inc.

2. Brubacher G.S. (1962). Midern Philosophy of Education (International Student Edition) Tokyo; McGrow Hills.

3. Brubacher, John S. (1962): Modern Philosophy of Education: Prentice-Hall Inc., Englewood Cliffs, N.J.

4. Chaube S.P. (1981). A Philosophical and Sociological Foundations of Education, Agra; Vinod Pustak Mandir

5. Hiriyanna, M. (1995): The Essentials of Indian Philosophy. Motilal Banarasidas Publishers.

6. Noddings Nel (2012) Philosophy of Education, West View Press

7. ओड लक्ष्मीलाल के. (1973). शिक्षा की दार्शनिक पृष्ठभूमि राजस्थान हिन्दी ग्रन्थ अकादमी।

8. Pandey, R.S. (1997): East West Thoughts on Education: Allahabad, Horizon Publishers

9. Pareek, M. & Sharma Rajni, (2005). Udaiman Bhartiya Samaj mein shikshek avam Shiksha, Shiksha Prakashan, Jaipur

10. Rurk Robert R. (1956). The Philosophical Bases of Education, Bosten; Houghton Miffin.

11. शर्मा आर.ए. (2014) तत्वमीमांसा, ज्ञानमीमांसा, मूल्यमीमांसा एवं शिक्षा, आर लाल बुक डिपो, मेरठ।

12. Thomson Godfrey (1957). A Modern Philosophy of Education, London; Gersrge G. Garper & Colts.

13. Wynee John P. (1947). Philosophy of Education, New York: Prentice Hall Inc.

M.Ed.-06
SOCIOLOGY OF EDUCATION

Objectives: **Marks 100**

After completing the course the students will be able

1. To understand the concept of Educational Sociology and Sociology of Education.

2. To understand the relationship among Education, Society and social substance.

3. To understand the contribution of great educator's to society and education.

4. To understand the process of socialization relationship between culture, society and education.

5. To analyze, interpret and synthesize various concepts of sociological principles related to educational phenomena.

6. To understand the concept and process of social stratification and social change..

7. To understand the issues of excellence, equality and inequalities.

8. To understand emerging trends of society in global perspectives.

9. To understand the process of social change, modernization and role of education in the transmission of the national and cultural heritage.

Course Content:

Unit-I: Education and Sociology **8 HOURS**

A.Meaning, Nature, Scope of Educational Sociology, Difference and relationship between Education Sociology and Sociology of Education.

B. Nature of Sociological Inquiry, Relationship of Education and society, social-system, Education as a subsystem of society and its relationship with other subsystems: Family, caste and state. Theoretical approaches and contribution of sociology of Education: Antonio Gramsci, Paulo Freire, Talcott Parson's.

Unit-II: Socio- Cultural Context of Education **10 HOURS**

A. Relationship of Education with culture, change, cultural conflict, cultural relativity, cultural pluralism, VIS-A-VIS Education, Indian culture in global perspectives.

B. Process of socialization and acculturation of the child, critical appraisal of the role of school, parents, peer groups and the community.

C. Meaning & process of modernization, Concept of post modernism, Impact of modernization on education and culture, role of education for making composite culture.

Unit-III: Education as a Social Process   **10 HOURS**

A. Concept of change, planned change and process of planned change.

B. Education as related to social change, social mobility and social stratification.

C. Education for sustainable development: Meaning, Dimensions, Principles, strategies and role of Education in sustainable development.

Unit IV: Social Dimensions of Education   **10 HOURS**

A. Meaning and concept of social ecology and contribution of education to maintain harmonious social ecology.

B. Social structure and education: conflict, Crisis within Indian social structure.

C. Unity and diversity in India, Education and Inequalities; caste, class, gender, education for the oppressed, issues of equality of Education opportunity and excellence in Education.

UNIT-V Futuristic Society and Education   **10 HOURS**

A. Meaning of futuristic society, goals of education in global perspective.

B. Social hindrency in educational upliftments as caste, religion, regionalism, poverty perspective

C. Challenges of education in future social perspective.

SESSIONAL WORK

Attempt any two of the following :   **(25 marks)**

a. Survey of any social problem and present a report.

b. Case study of any social institution.

c. Conduct a social awareness programme in an educational institution.

REFERENCES :

1. Anand C.L. and Et.al., <u>The Teacher and Education in Emerging Indian Society,</u> NCERT, New Delhi. (1983)

2. Banerjee A.C. & Sharma S.R. (1999), Sociological and Philosophical Issues in Education, Jaipur: Book Enclave.

3. Bhatia, K.K. (2005). Education in Emerging Indian Society. Ludhiana: Kalyani Publishers.

4. Bhatia, K.K. and Narang, C.L. (1992). Teacher and Education in Emerging Indian Society. Ludhiana: Tandon Publications.

5. Bhatia, K.K. and Narang, C.L. (2008). Philosophical and Sociological Bases of Education. Ludhiana: Tandon Publications.

6. Brown J.F.: Educational Sociology

7. Chaube, S.P. (1981). Philosophical and Sociological Foundations of Education. Agra: Ravi, Noudarnalya.

8. Dash, B.N. (2004). Theories of Education & Education in the Emerging Indian Society. New Delhi: Dominant Publishers and Distributors.

9. Dubey, S.C. (1994) Indian Society, New Delhi, NBT, Pp.

10. Frasncis M. Abraham (1982), Modern Sociological theory An introduction, Oxford University Press, Delhi.

11. Haralambos M., Sociology: Themes and Perspectives, Oxford University Press, New Delhi. (1980)

12. Harlambos N., R.M. Heald (1980). Sociology-themes and perspectives, Oxford University Press.

13. Jonathan.H.Turner (1995), The structure of sociological theory, Rawat publications, Jaipur.

14. Kenkel, W.F., Society in Action (1980), Introduction to Sociology. New York: Harper and Row.

15. Mathur S.S.(2008), A Sociological Approach to Indian Education, Agra: Vinod Pustak Mandir.

16. Mathur, S.S. (1985). Sociological Approach to Indian Education. Agra: Vinod Pustak Mandir.

17. Mohanty, J. (1994), Indian Education in the Emerging Society. New Delhi: Sterling Pvt. Ltd.

18. Pandey, R.S. (1997), East West Thoughts on Education, Allahabad: Horizon Publishers.

19. Sachdeva Vidya Bhushan (2003), An introduction to sociology, Kitabmahal, New Delhi.

20. सक्सेना एन. आर. स्वरूप (2013) : शिक्षा के दार्शनिक एवं समाजशास्त्रीय सिद्धांत, आर. लालबुक डिपो ।

21. शर्मा, आर. ए. (2014) शिक्षा के दार्शनिक एवं सामाजिक एवं मूल आधार, आर. लाल बुक डिपो

22. Singh Yogender, Social Stratification and Change in India, Manohar Book Service, New Delhi. (1977)

23. Sodhi T.S. & Suri A.(1998), Philosophical and Sociological Foundation of Education, Patiala: Bawa Publications.

24. Srinivas M.N.: Social Change in Modern India

25. Weber, C.O. (1960), Basic Philosophies of Education, New York: Holt, Rinehart & Wins

26. Wilbur, B. Brookover, D. Gottieb (1964). A Sociology of Education, New York: American Book Company.

M.Ed -07
Curriculum Studies

Objectives: **MARKS 100**

After completing the course the student will be able:

1. To understand the concept of curriculum and curriculum development.

2. To develop an understanding about important principles of curriculum construction.

3. To get acquainted with the curriculum design, it's theories and procedures.

4. To acquaint the students with the existing approaches to curriculum design.

5. To acquaint the students with the process of curriculum development.

6. To enable the learners to reflect on various trends in curriculum development.

7. To enable the learner to appreciate the need for evaluation of curriculum.

8. To develop competencies to design and evaluate curriculum.

Course Content:

Unit I Concept and Meaning of Curriculum: **8 HOURS**

• Concept, meaning and characteristics of curriculum..

• Determinants of curriculum. - Philosophical (national democratic), Sociological (socio

cultural reconstruction) and Psychological. (learner's need and interests).

• Approaches to Curriculum-Subject, Learner, Community centered and interdisciplinary

curriculum.

Unit II Curriculum development and theories   **10 HOURS**

• History, Guiding Principles, Stages and Strategies of Curriculum development.

• Curriculum and Constructivism.
• Curriculum and Critical Theory.
• Curriculum and Poststructuralist Theory.

Unit III Conceptions and Designing of the Curriculum: **10 HOURS**

The Humanistic, Social Reconstructionist and Technological Curriculum.

• Organization, Components, Sources, Principles and Approaches of curriculum design.

• Plan and implementation of technology in curriculum design.

Unit IV Evaluation and trends in Curriculum   **10 HOURS**

• Concept, Meaning, Need, Importance and Aspects of Curriculum Evaluation.

• Models of Curriculum evaluation consensus-Pluralistic.

• Trends in Curriculum Research.

UNIT V-Models of curriculum design: **10 HOURS**

• The Taba Model,

• The Saylor and Aleoxander's models.

• Good lad's model of curriculum design.

• Models of Curriculum Evaluation : Tyler's, Stake's, Scriven's and Krikpatrick's Model

Sessional Work: -   **25 marks**

Following two:

• Report writing on different factors which affect curriculum development in our country.

• Analyze senior secondary curriculum of state board of any subject of your choice.

REFERENCES:

1. Aggrawal, J.C(1990): Curriculum Reforms in India: Doaba house.

2. Annuing, Angela(1995): "A National Curriculum for the Early Years", Open University Press, Buckingham, Philadelphia.

3. Audrey & Howard Nocholls(1978):" Developing Curriculum", A practical guide George Allen&Unwin, Boston, Sydney, London.

4. Bhatt, B.D. - Curriculum reform, Kanishka Publishers, New Delhi.

5. Bhatt, B.D and Sharma, S.R(1992) Principle of curriculum Construction, Delhi, Kanishka Publishing House.

6. Curriculum Development and Educational Technology, New Delhi: Sterling Publishers.

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9. Denis Lawton(1986)." School curriculum planning". Hodder & Stonghton, London, Sydney,

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12. Gakhar, S.C.(2009): Curriculum Development, Panipat, N.M.Publications

13. Khan, M.I., 1.B.K. Nigam, Evaluation and Research in Curriculum Constriction Kanishka Publisher, New York.

14. Mamidi, M.R. and Ravishankar, (1984).

15. Molhotra, M.M(1985) Curriculum Evaluation and Renewal, manila Publication.

16. IGNOU (2005): Curriculum and Instruction (ES-331) Block-1, New Delhi CPSC

MED-08
TEACHER EDUCATION 1

Objectives: MARKS 100

After completing the course the students will be able -

1. To create awareness of various problems of Teacher Education..

2. To acquaint with the teacher education programmes at all levels.

3. To develop skills in organizing practice teaching and in selecting teaching strategies and teaching models.

4. To acquaint with the responsibilities pertaining to school organization and classroom management.

5. To appreciate the need for research in Teacher Education.

6. To acquaint with the various statutory bodies regarding Teacher Education.

Course Content:

Unit 1: Context of Teacher Education: **10 HOURS**

a) Meaning, Nature, Scope and Significance, Teacher Education and Social Intervention.

b) Aims and Objectives of teacher Education at different level.

e) The Context of Teacher Education - The Dynamics of Social, Psychological, Political and Economic Changes in Society. Teacher Education. (Preparation of Teachers for

d) Futuristic Views of Schools, Inclusive Classrooms and the Global Context)

e) Curricular Areas of Initial Teacher Education National Curriculum Framework (NCF) 2009. Training of special teacher-Arts, Crafts, Physical Education, Home Science, Vocational. Technical and work experience.

Unit 2: Knowledge based Teacher Education: **10 HOURS**

a) Qualifications of teachers-pre-primary, primary, Secondary, Higher Secondary,Higher Education.

b) Meaning and Types of Knowledge, Habermas's Theory of 'Knowledge - Constitutive Interests, Deng and Luke's Conceptions of Knowledge, Shulman's Theory of *Knowledge-base for Teaching'. The Knowledge Continuum - the General Principles of Teacher Effectiveness.

c) Reflective Teacher Education Meaning, Strategies for Promoting Reflection, Reflective Thinking v/s Reflective Action, Reflective Practice leading to Reflective Teaching. The Reflective Teaching Model. Need for Reflective Teaching, Difference between Reflective Teaching and Action Research.

Unit 3: Models of Teacher Education and Instructional Methods   8 HOURS

a) Models of Teacher Education - Behaviouristic Teacher Education Model, -based Model, Personalistic Model, Traditional Craft in Teacher Education, Competency Inquiry-oriented Teacher Education, Knowledge Building Community Model. b) Large and Small Group Teaching Methods, Collaborative and Cooperative Teaching.

Unit 4: Managing Practicum in Teacher Education: 10 HOURS

a) Integration of Theory and Practice.

b) Organization, Observation, Supervision and Assessment of Practice Teaching.

c) Concept and Types of Feedback to Student Teachers.

d) Principles and Organization of Internship. e) Mentoring and Coaching in Teacher Education.

Unit 5: Issues and Concern in Teacher Education: 10 HOURS

a) Developmental concept of a teacher.

b) Problems of teacher education at school levels. c) Quality assurance and accreditation in teacher education.

d) Application of ICT in teacher education.

e) Code of teacher education.

Sessional Work: -   25 Marks

A critical study of one teacher training college.

Contribution of UGC, NAAC, CTE, & IASE for quality enhancement.

REFERENCES:

1. Chakrabarti, Mohit Teacher Education modern Trends.

2. Chaurasia, Dr. G. - New Era in Teacher Education, Sterling Publishing Pvt.,Ltd.

3. Dikshit (Dr.) S. S. Teacher education in modern Democracies- Sterling Publishers Pvt., Ltd., Delhi.

4. Four Year Courses in Teacher Education- All India Association of Teacher Educations, B-1/G-A, and Model Town, Delhi-9.

5. N.C.E.R.T., Investigations, Studies, and Projects Relating to Internship in teaching. New Delhi

6. Mukarjee (Editor) S.N. - Education of Teachers in India, Volume 1 e I&II-S. Chand & Co., Delhi

7. Report of the study Group on the Education of Secondary Teachers in India Association of Training College.

8. Shrimali K.L. -Better Teacher Education. Ministry of education, Government of India

9. Sharma, R.A. Teacher education- Theory, Practice & Research.

10. Sharma, R.S. Emerging Trends in Teacher Education.

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(2nd Year)

Specialization on courses

M.Ed. 09 (a)

Pedagogy of Science Education-I

OBJECTIVES: **MARKS-100**

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

- To understand the nature of Science as a dynamic, expanding body of knowledge and as a social endeavor;
- To understand the difference and complementarily between Science and Technology;
- To understand the need to evaluate curricula and evaluate the same on the basis of different validities;
- To understand diversity of instructional materials, their role and the need for contextualization in Science Education;
- To appreciate the role of co-curricular activities in Science Education;
- To familiarize with innovative trends in assessment, analyze issues in Science Education pertaining to equity and access, gender, special. groups and ethical aspects;

Unit 1 – Nature of Science

- Evolution of Science as a discipline
- Science as a dynamic expanding body of knowledge
- Development of scientific knowledge
- Scientific methods explanations
- Science and technology.

Unit II – Curriculum of Science Education

- Trends in Science Education from the beginning of the nineteenth century to the present- at National and International level
- Criteria of validity of Science curriculum
- Content, ethical environmental, cognitive, historical

Unit III- Approaches to Teaching- Learning of Science-I

- Approaches to concept learning
- Constructivist approaches to Science learning

- Inquiry method, Problem solving strategies
- Concept, Development investigatory approach
- Inductive method, Project based learning
- Planning different types of projects
- Use of ICT in teaching- learning of Science concepts at secondary level.

Unit IV- Assessment in Science Education

- Continuous and comprehensive evaluation in Science.
- Assessment of affective measures in Science
- Use of tools and techniques such as observation, rating scale, check-list, anecdotal records, attitude scales, interest inventories and interviews.
- Self- assessment by students and by teachers, peer assessment, assessment of teachers by students.

Unit V- Contemporary issues in Science Education

- Contribution of women in Science
- Scientific and technological literacy.
- Ethical aspects of Science.

SESSIONAL WORK   25 MARKS

- Group discussion/ lecture-cum discussion/panel discussion/symposium/school visits and sharing of experiences
                            OR
- Experimentation on any topic with kits and laboratory work project and assignments focusing in observation and interaction with children

REFERENCES:-

1. Alan J. Mc Cormack. Trends and issues in Science curriculum in Science Curriculum Resource Handbook: A practical guide to k12 Science curriculum, Kraus international Publications.
2. Bhanumathi, S. (1994), Small Scale Chemical Techniques- Chemistry Education (April/June)20-25
3. Bhatnagat S.S. (2003), Teaching of Science, Meerut: Surya publication.
4. Black, P (1998), Testing: Triend or Foe? Theory and practice of Assessment and testing. London: Falmer press.

5. Carey, S. (1986),. Cognitive Science and Science Education. American Psychologist 41 (10), 1123-1130

6. Chalmers, A (1999),. What is the thing called Science 3rd Ed. Buckingham: Open University press.

7. Das R.C (2012),. Science teaching in schools New Delhi: Sterling Publications.

8. Driver. R, Leach. J, Millar, R and Scott, P. (1996), Young peoples' Image of Science. Buckingham: Open university press, 39.

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11. Journal of Research in Science Teaching (Wiley-Blackwell)

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13. Kohli V.K (2003), How to teach Science, Ambala: Vivek publishers.

14. Kulshreshtha S.P. (2009),Teaching of Science Meerut: Vinay Rakheja Publication.

15. Minkoff, E.C & Baker, P.J. (2004), Biology Today: An issues Approach, Garland Science, New York. Pp 1-32. Biology, Science & Ethics,

M.Ed. 09(b)

Pedagogy of Mathematics Education-I

OBJECTIVES:-   **Marks-100**

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

- Distinguish between Science and mathematics appreciates the abstract nature of mathematics.
- Distinguish between the roles of pure and applied mathematics.
- Develop the skill of solving real life problems through mathematical modeling as an art
- Develop the understanding of using constructivist approach in mathematics
- Develop the skill of using various methods of teaching mathematics
- Develop problem solving skills highlight the significance of mathematics laboratory.
- Enable to distinguish between induction and mathematical induction
- Develop the skills required for action research in mathematics

Unit -I Nature, Development and Significance of Mathematics

- Distinction between mathematics and Science
- Distinct roles of pure and applied mathematics
- Mathematization- aesthetic aspect of mathematic
- Historical development of mathematical concept with some famous anecdotes such as Gauss, Ramanujan, etc; teaching of mathematical modeling

Unit-II – Objectives and Strategies of Teaching- learning mathematics

- Aims and objectives of teaching mathematics at various school levels.
- Instructional objectives in teaching mathematics
- Constructivist approach in teaching of mathematics
- Methods of teaching Mathematics -Inductive and deductive methods, analytic and synthetic methods, problem solving skills
- Stages in problem solving techniques to improve problem solving skill

Unit-III – Curriculum of mathematics at different stages

Analyze the curriculum at-

- Pre-primary, primary
- Upper primary
- Secondary & higher secondary

Unit –IV Structure of Mathematics

- Undefined terms and axioms; proofs and verification in mathematics distinction between them
- Types of theorems such as existence and uniqueness theorems etc.
- Types of proofs- direct proofs, indirect proofs, proof by contradiction, proof by exhaustion, proof by mathematical induction and distinction between induction and mathematical induction.

Unit-V Evaluation in Mathematics-I

- Concept of evaluation in teaching
- Learning process (formative, summative, criterion, diagnostic)
- Types of mistakes in mathematics, their identification
- Analysis with a purpose of preventing and remedial measures.

SESSIONAL WORK   25 MARKS

- Group discussion/ lecture-cum discussion/panel discussion/symposium/school visits and sharing of experience
                          OR
- Experimentation on any topic with kits and laboratory work project and assignments focusing in observation and interaction with children.

REFERENCES:-

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M.Ed 09 (c)

Pedagogy of Language Education-I

OBJECTIVES:-   **Marks-100**

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

- Gain an understanding of the nature, functions and the implications of planning for teaching language/languages
- Understand the psychology of language learning gain an understanding in the pedagogy of language learning
- Study and analyze different approaches, methods and techniques for differentiating between teaching language and teaching literature in the context of first language and second language.
- Examine various areas of research in language Education.

Unit-I- Conceptual Issues Language Learning-I

- Language acquision and communication
- Factors affecting language learning and language acquisitions and communication. Linguistic, psychological and social process involved in learning of languages
- Models of language Acquisition: Chomsky- Language Acquisition Device, Piaget-Cognitive, Constructivism and language,
- Recent theorization: Intentionality, application of these theories to development of methodologics of teaching learning of language.

Unit –II individualization of Language Learning

- Need, techniques, viz differential assignments, classroom tasks, personalized system of instruction.
- Development of language curriculum and the syllabus: dimensions, factors.

Unit-III Pedagogy of Language

- First language
- Second language
- Third language

Unit –IV- Innovative Teaching Learning of Languages

- At-primary
- Upper primary
- Secondary,
- And higher secondary
- Pedagogical study of languages.

Unit-V Contextual Problems in Language Learning

- Multilingual class room
- Problem of curriculum text above development
- Three language for rule constitution provision regarding language.

SESSIONAL WORK   **MARKS-25**

- Group discussion/lecture-cum-discussion/panel discussion/symposium/school visits and sharing of experience and assignments focusing in observation and interaction with children.

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M.Ed 09(d)

Pedagogy of Social Science Education-I

OBJECTIVES:-   **Marks-100**

After completion of the course the students be able to:

- Develop an understanding about the meaning, nature, scope of social Science and social Science Education.
- To find out the distinction and overlap between social Sciences, humanities and liberal arts
- Understand the role of various methods and approaches of teaching social Sciences employ appropriate for transaction of social Science curriculum.
- Effectively use different media, materials and resources for teaching social Science.
- Construct appropriate assessment tools for teaching learning of social Sciences and undertake evaluation.

Unit- I Conceptualization of Social Science Education

- Concept, nature and scope of social Sciences
- Existing approaches of teaching learning of social Sciences
- Epistemological frame proposed in Educational policy documents.
- Various national curriculum framework concerning teaching learning of social Science

Unit – II Social Science Curriculum Approaches of organization of social Science

- Curriculum; social Science curriculum at various stages of school Education.
- Methodology of development of curricular materials viz, textbook, workbooks, teacher handbooks,
- Teacher's Education manuals, other context enrichment materials- their conceptualization and processes;

Unit-III – Approaches to pedagogy of social Science

- Critical appraisal of approaches to teaching learning social Sciences-behaviorist approach; constructivist approach;
- Inter disciplinary approach, integrated approach; child -centered approach; environmental approach the overlap between these approaches.
- Critical appraisal of various teaching learning strategies viz, lecture cum -discussion, project method, investigative project,

Unit- IV Media, Materials and Resources for Teaching Learning

- Effective use of print media and audio visual materials for social Science
- Integration of ICT in teaching learning of social Science
- Development of teaching learning materials, workbook, activity book and self instructional materials.

Unit-V- Evaluation in Social Education

- Competency based evaluation, continuous and comprehensive evaluation; formative and summative evaluation.
- Diagnostic test and remediation; assessment tools.

SESSIONAL WORK

MARKS-25

- Group discussion/lecture-cum-discussion/panel discussion/symposium/school visits and sharing of experiences OR experimentation on any topic with laboratory work project and assignments focusing in observation and interaction with children.

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M.Ed.-10 (1)

Guidance and Counseling-I

OBJECTIVES:-   **Marks-100**

After completing the course the students will be-

- To develop understanding of bases meaning, need and types of guidance
- To get acquainted with the tools and techniques of appraisal of an individual
- To get acquainted with the need and various ways of collection and dissemination of occupational information.
- To develop understanding of meaning characteristics and types of counseling
- To get acquainted with process and techniques of Counseling.
- To get acquainted with meaning, purposes and out-line of job-study.

COURSE:-

Unit-I Guidance

- Bases of guidance- Philosophical, Sociological, Pedagogical, Psychological
- Concept of guidance-Meaning Basic assumptions, Need of guidance, Influence of family and Community on guidance.
- Functions and purposes of Guidance.
- Types of guidance, Major guidance areas-Personal, Educational, Career, Social, Health, Marital, Moral.
- Adjective guidance, Identification of maladjusted children and the principles of dealing with them.

Unit-2 Appraisal of an individual

- Testing devices- Intelligence tests, Achievement tests, Aptitude tests, Personality
- Inventories, Interest Inventories, Attitude Scale
- Non testing devices- Cumulative record card, Sociometric techniques, projective techniques, Rating Scale, Case Study, Anecdotal Record Autobiography.

Unit-3 Counseling

- Meaning, need, characteristics
- Principles of Counseling
- Process and types of Counseling

Unit-4 Counseling theories

- Client Centered Therapy (Carl Rogers)
- Relation Emotive Behaviour Therapy (REBT) (Albert Ellis)
- Behavior Therapy (B.F Skinner)
- Gesalt Therapy (Fredric Pearls)
- Psychoanalytic Therapy (Sigmund Freud)

Unit -5 Techniques of Counseling

- Individual counseling: Counseling interviews- Meaning, Purpose, Conditions of interview
- Qualities and responsibilities of an interviewer, evaluation through an interview.
- Group Counseling: Meaning, purpose, Importance types of group Counseling- regular subject classes, core curriculum classes, special groups, school assemblies, clubs

SESSIONL WORK: **Marks-25**

- Prepare an interview schedule for an effective Counselling.
- Visit a guidance Centre and Write a report about its organization and functions.

REFERENCES:-

- J.Agarwal J.C.: Educational Vocational Guidance and Counselling, Daoba House, Nai Salak, Delhi.
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- Mennet M.E. : Guidance and Counseling in Group, Mc Grow Hill book Company, 1963.
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M.ED-10(2)

Curriculum, Pedagogy and Assessment-(i)

Objectives: **Marks-100**

- Understand the concept. Principles and determinants and process of curriculum development at different levels.
- To help the student to develop skills in framing curriculum for subjects of teaching, analyzing curriculum for teaching learning and developing course contents in the subjects of teaching.
- Understand the range of cognitive capacities among learners.
- Gain an understanding of different theoretical perspectives on learning.
- Appreciate the critical role of learner differences and contexts in making meanings and draw out implication for schools and teachers.
- Understand the concept of assessment and evaluation.

Course:-

UNIT-I Curriculum

- Curriculum : Need, Scope and approaches (Teacher centered, Child centered, activity centered) Curriculum and Syllabus: Concept and Difference
- Foundation of curriculum: Epistemological, Sociological, Psychological
- Principle of curriculum construction: Formulating aims and objectives, Specifying content, defining teaching learning experience and evaluation
- Characteristics of good curriculum

UNIT-2 Pedagogy : Teaching Learning Process

- Pedagogy: Concept, meaning and characteristics, Difference between pedagogy and Educational Technology.
- Instructional objectives: Difference between Objective and Instructional objectives, Bloom's Taxonomy.
- Relationship among teaching, learning and instruction.

UNIT-3 E-Resources in Teaching learning Process

- Resource center: SIET, SITE, Edusat, Gayan Darshan

- E-learning : Meaning and importance offline and online learning and E library
- Multimedia : Print media (Text Book) Electronic media (Radio, T.V, Computer)

UNIT-4 Current Practices In Education

- Teaching Methods: Problem solving, Project method, Supervised study, Heuristic method, Brain Storming Method.
- Instructional Techniques: Panel Discussion, Workshop, Seminar, Symposia, Team Teaching.

UNIT-5 Educational Evaluation: Trends, Tools & Techniques

- Measurement, Assessment and Evaluation: Concept, Meaning, Principle, Importance and difference.
- Tools and Techniques of Evaluation: Characteristics, affecting factors.
- Tools of evaluation : Quantitative (Written, oral and practical) Qualitative (Observative, Introspective Projective and Sociometry)
- Planning and Preparation of Test (Including blue print)

SESSIONAL WORK: **MARKS-25**

(Any two of the following)

- Critical analysis of the existing curriculum at various levels Primary/Secondary/Higher Secondary
- Critical analysis of curriculum development policies.
- Study of instructional practices with reference to use of classroom skills.

REFERENCES:-

1. Amidon,Edmund J and John B. Hough (1967) – Interaction Analysis: Theroy, Research and application Addision Wesley Publishing company, Reading Massachusetts London, Ontario, 401 PP.
2. Buch M.B. and Santhanam M.R. (1970) -Communication in Classroom CASE M.S University Baroda-2 165 pp.

3. Clayton, Thomas E. (1969)-Teaching and Learning : Psychological Perspective, Prentice-Hall

4. De Cecco John P. (1964) Educational Technology : Reading Programmed Instruction Hall, New Delhi 880 pp

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9. Tanner, Baniel (1972)- Using Behaviour objectives in the Classroom, New York. Mac Millan, 71 pp. Chandra, Arvind (1977) Curriculum development and Evaluation in Education, Delhi: Sterling Publishers.

M.Ed-10(03)

Education Policy, Economics and Planning- (i)

OBJECTIVES: **Marks-100**

After completion of the course the student teachers will be able to :-

- Understand various policies, planning and initiation taken by Govt. at Elementary level.
- Reflect on planning, management policies and operation strategies at Elementary level.
- Gain insight on school planning and Educational management.
- Understand planning, policies, research and innovation at the school level.
- Contribute to enhance innovation in school & Educational management planning.
- Understand structure & programme of UEE.

Unit-I Management of Elementary Education:-

- Meaning, Concept, need and nature of management & management of Education.
- Present policies and operational strategies of Central, State Govt., District & Local level for Elementary Education.
- Management pattern of various kind School: Private/ Govt. Aided, Central ,Navodya, International, Public etc.
- Introduction- policies for strategy- Priority areas and implementation machinery- Training, Research and Orientation.
- District- Planning and Management of Education.
- Machinery of Local management DISE (District information system for Education)

Unit-II Planning

- Planning, site & location –Design and Dimension, Equipment and infrastructure required for Elementary Schools.
- Student teacher ratio, profession development programme for Elementary teachers.

Unit-III School management-

- Managing committee- Role, Constitution and functions
- Inspecting offices- Role, Duties and functions.
- PTA- Need, importance formation and Contributions
- School based indicators facility indicators Teacher related Indicators.

Unit-IV Universalization of Elementary Education (UEE)

- Meaning, concept, Importance, Nomenclature and Present position of Elementary Education in India measures for the promotion of UEE strategies of achieving RTE & UEE.
- Pattern of Education structure up to class VII, overview of Elementary Education in India.
- Control and Support of Elementary Schools.
- Free and Compulsory Education Act 2009.
- Elementary Education, Comparatives study of various countries.

Unit-V programmes & Policies for Elementary Education

- Operation black board
- Mid day meal
- DPEP (District Elementary Education Programme)
- Shiksha Karni Project (BRCS/URCS and CRCS)
- Centrally Sponsored programs for Elementary Education:-
- SSA, Kasturba Gandhi Balika School, NPEGEL, (National Programme for Education of Girls)
- Role & Responsibility of DO, BO, DD, Head masters & SMC etc.

SESSIONAL :-(TWO)   **MARKS-25**

- Compile articles from newspapers, magazines and the internet discussing Present policies and Operational strategies of Central & State Govt. for Elementary Education prepare a report of entire activity.
- Review research on Educational management or management of Elementary Schools which are used in other countries but not in India.
- Examine the effectiveness of any one programme run by Central Govt. for Elementary Students. Present the report in a classroom Seminar.
- Analyze quality & quantity of Mid-day meal in any rural and urban school.

REFERENCE

- Ayyar, R.V. Vaidyanathan (1993) Educational planning and Administration in India: Retrospect and Prospect. Journal of Educational planning and Administration. VII(2) April.
- Blaug, Mark (1972) : An introduction to Economics of Education, Allen I ane the Penguin , London.
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- Griffiths, V.L (1963) Educational planning, London, O.U.P

M.Ed. 10(4)

Educational Management, Administration and Leadership (i)

OBJECTIVES   **MARKS-100**

After completion of the course the student teachers will be able to:-

- To acquaint the student with the need scope and purpose of Education planning in terms of national and community needs.
- To help them determine and implement objectives of planning on the basis of individual needs of the students.
- To develop in them the skills in planning and implementing conventional administrative procedures.
- To develop an insight into the perspectives of management in the light of practices in Education.
- To study Educational management system in India with specific reference to national state district and village levels structures.
- To recognize the importance of Educational Resources and their effective management for quality Education.
- To understand the issues and challenges in Educational management and administration in India.

Unit-I Concept, need and process of Educational planning

- Concept, Scope and nature of Educational planning.
- Need and importance of Educational planning.
- Types of Educational planning
- Process of Educational planning in various types school in India.

Unit-2 Planning at central, State and local levels:

- Perspective planning at central, state and local levels.
- Priorities to be given at central and state levels.
- Schools for all and schools for the selected few.
- Determine facilities to the needs.
    1. School programme
    2. School building
    3. Teaching training facilities
    4. Location of Schools.

Unit-3 Problems of Educational planning:

- Calculating cost of Education at various types of school
- Comprehensive approach vs selective approach.
- Public sector Vs private sector.
- Educational planning and exceptional children, gifted backward and handicapped.
- Educational planning for qualitative improvement
- Educational expenditure & planning.

Unit-4 Performance in Educational institutions

- Monitoring of school performance
- Performance appraisal of the teachers.
- Scientific principles of management PERT, CPM, PPBS system approach.
- Financial and Administrative management of Educational institutions.

Unit-5 Resource Management in Education

Nature and characteristics of resource available in Education- need for resource management- in Education- Material resources- Human resources- Financial resource- procurement, utilization and maintenance of resource roles of State, Central and Local Government in resource mobilization

- Quality assurance in material and human resources.

SESSIONAL :- (ANY ONE)   **MARKS-25**

- Compile articles from newspapers, magazines and the internet discussing Present policies and operational strategies of Central & State Govt. for Secondary Education Prepare a report of entire activity.
- Examine the effectiveness of any one programme run by Central Govt. for Senior Secondary Students. Present the report in classroom seminar.
- Analyse the quality of financial and administrative management in any rural and urban school.

REFERENCE:

- Fletcher, B. A. planning of Education; Leeds, Institute of Education 1963.

- Govt. of India Five Year Plans.
- Griffiths, V.L. Educational Planning; London, O.U.P 1962.
- Krojsma Acjaro, V.T. "planning in India", New Delhi: Longmans, 1961.
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- Schultz, T.W. Education and Economic Growth, University of Chicago, 1960.

M.Ed. 10(05)
EDUCTIONAL TECHNOLOGY(i)

OBJECTIVES:-   **Marks-100**

After completing the course the students will be:-

- To enable the learner to become effective user of technology in Education.
- To acquaint the learner with the challenges and opportunities emerging in integrating new technology in Educational process.
- To make the student familiar with new trends, techniques in Education along with E-learning.
- To enable the student to become good practioner of Educational Technology and E-learning.

UNIT-1 Meaning & Scope of Educational Technology

- Educational Technology as system approach to educator.
- System approach in Educational Technology and its characteristics.
- Components of Educational Technology: Software and Hardware
- Modalities of Teaching.

- Difference between Teaching and Instruction, Conditioning & training Stage of teaching: pre-active, interactive and post-active.

UNIT-2-Communication

- Communication-Meaning,
- Elements, Context and
- Models of Communication, necessities for better communication

UNIT-3 Integrating Multimedia in Education

- Multimedia concept and meaning text, graphics, animation, audio, video
- Multimedia applications- Computer based training-electronic books and references- Multimedia application for Educationist- information kiosks-multimedia www and web based training.

UNIT-4 Educational Software applications.

- Computer assisted instruction
- Drill & practice software
- Educational Simulations
- Integrated learning system
- Curriculum specific Educational Software

UNIT-V: Distance Education

- Definition, Characteristics, Methods and Techniques, Barriers, Modes of distance Education
- Evaluation in Distance Education
- Futuristic view of Educational Technology In India.
- Information Technology: Concept, Definition & Uses

SESSIONAL WORK: Marks-25

- Students should develop at least 20 frames on any topic related to above topics.

REFERENCES:

1. Integrating Technology in the classroom shelly, Cashman, gunter and gunter, publication by Thomson course technology
2. Essentials of Educational Technology, Madan Lal Anmol publication.
3. Online teaching tools and methods, Mahesh verma, Murari lal & Sons.
4. Education and Communication for development, O.P Dahama, O.P. Bhatnagar, Oxford IBH publishing company, New Delhi.
5. Information and Communication Technology, N. sareen, Anmol Publication.
6. Communication and Education, D.N. Dashgupta, Pointer Publisher.
7. E-learning a Guidebook of Principals, procedures and Practices, Son Naidu Commonwealth of learning, Commonwealth Educational Media Centre for Asis 8. Education and Communication, O.P Dham.

THEME BASED ON INSTITUNAL STRENGTH

M.Ed. : 10 -6 (a)

Lifelong Education-(i)

OBJECTIVES:-   **Marks-100**

After completing the course the students will be-

- To enable the students Psychological, Philosophical and Sociological Perspectives of Lifelong learning.
- To enable the student to various Learning Theories in the context of Lifelong Learning.
- To enable the students appropriate skills for Motivation and Environment building. Learn various philosophies of learning
- To enable the student the conceptual framework of Adult and Lifelong Learning.
- To enable the students insight into the relationship between Literacy, Adult Education and Lifelong learning.
- To enable the student the Role of Lifelong Learning in the context of Globalization.
- To enable the students international practices across the world.

Course:-

Unit-I Concept of Lifelong Learning

- Meaning, Nature & scope of lifelong learning
- Types of learning-Informal, Non formal & formal
- Integrated Approaches in Lifelong learning
- Role of Mass Media in Furthering lifelong learning

Unit-II Historical Perspective

- Historical perspective of lifelong learning in India-Pre and Post Independence period.
- Lifelong learning in developing and developed countries.
- Tanzania, Brazil, China, USA and Canada, Asia and Europe

Unit-III Andragogy & Pedagogy

- Concepts and terminologies related to Lifelong learning: Andragogy & Pedagogy,
- Continuing Education,
- Formal-Education
- Incidental Learning, Illiteracy and its forms

Unit-IV Lifelong Learning Programmes

- Lifelong learning programmes : Social Education,
- Gram Shikshan Mohim
- Farmer's Functional Literacy Programme,
- National Adult Education Programme
- National Literacy Mission

Unit-V Lifelong Learning and Development

- Lifelong learning and Development-Social, Economic, Political and Cultural
- Extension Education, Field outreach and Community Engagement in Lifelong learning.
- Approaches to Continuing Education/Lifelong learning in different Five Year Plans.

SESSIONAL WORK   **MARKS-25**

(ANY TWO)

- Participation in literacy or other developmental awareness programmes in a village/mandal/neighbourhood;
- Participation in bridge school programmes in a village / neighbourhood.
- Visiting a distance Education study center and studying its functioning.

References:

1. Adinarayan Reddy. P, and Uma Devi. D, (2006) Current Trends in Adult Education, Sarup & Sons publisher New Delhi.
2. Anil Bordia, Kidd J.R. and Darper. J.A. (Edt) Adult Education in India, Nachiketa Publication limited 5, Kasturi Building J Tata Road, Bombay-400020.
3. Ansari N.A; (1990) Adult Education in India, S. Chand & Co. New Delhi.
4. Bhaskarcharyulu Yerroju, (Edt), (2009) Facets of Continuing Education, Sarup Book Publishers Pvt. Ltd. New Delhi.
5. Dikshit. H.P, Suresh Garg, Santosh panda and vijayshri, (2002), Access & Eduity: Challenges for Open and Distance Learning, Kogan Page India private limited, New Delhi. 110002.
6. Eswara Reddy. V, (1983) Lifelong Learning Operational Concepts, Booklinks Corporation Hyderabad.
7. Homer Kempfer, Adult Education, Surjeet Publications, Delhi.
8. Jagannath Mohanty (1991) Adult and Non- Formal Education, Deep & Deep Publication, New Delhi.

9. Koul . B.N, Bakhshish Singh, Ansari. M.M, (Edt), (1988), Studies in Distance Education, Association of India Universities and IGNOU, New Delhi.

10. Mahapatra B.C. & Kaushal Sharma (2010): Information Technology and Distance Education, Sarup Publishers Pvt. Ltd. New Delhi.

11. Mohanty S. (2012): Lifelong Learning and Adult Education, APH Publishing Corporation, New Delhi.

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M.Ed.: 10 -6 (b)

Value Education And Human Rights-(i)

OBJECTIVES: **Marks:100**

- To enable students to understand the need and importance of value Education and Education for human rights.

- To enable them to understand the nature of values, moral values, moral Education and to differentiate such values from religious Education, moral training or moral indoctrination.

- To orient the students with the basis of morality and with the place of reason and emotion in moral development of the child.

- To enable them to understand the process of moral development vis-a vis their cognitive and social development.

- To orient the student with various intervention strategies for moral Education and conversion of moral learning to moral Education.

Course:-

Unite-I The socio-Moral and Cultural Context

- Concept, Meaning need and importance of value Education in the existing Social Scenario.
- Valuation of culture: Indian culture and human values spiritual values.

Unit 2 Nature and Concept of Morality and Moral Education

- Nature and concept of moral Education
- Moral Education Vis-à-vis religious Education, moral instructions, moral training and moral indoctrination.

Unit 3 Moral Learning to Moral Education

- Moral learning outside the school
- Child rearing practices and moral learning,
- Moral learning via Imitation
- Nature of society and moral learning

Unit 4 Transactional Strategies for Moral Education

- Models of moral Education
- Rationale building model
- The consideration model
- Value classification model
- Social action model: assessment of moral values.

Unit 5 Assessment of moral Maturity

- Role of Assessment
- Important of Assessment
- Process and technique

TASK AND ASSIGNMENT   **MARKS-25**

- A review of implementation and evaluation of different schemes for human rights and values.

REFERENCES:-

1. Dagar, B.S. (1992), Shiksha Tata Manav Mulya (Hindi), Chandigarh: Haryana Sahitya Academy.
2. Dagar, B.S. and Dhull Indira (1994), Perspective in Moral Education, New Delhi: Uppal Publishing House.
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M.Ed.: 10 6 (c)

<u>PEACE EDUCATION (i)</u>

OBJECTIVES:-   **MARKS-100**

The course will enable the student teachers to-

- To understand the concept of peace Education.
- To acquire the knowledge about peaceful mind makes peaceful world.
- To understand the theory and practice of peace Education
- To understand the philosophical thoughts for peace.
- To promote awareness about the existence of Conflicting relationships between people, within and between Nations and between nature and humanity.

UNIT 1 Concept of Peace-I

- Negative peace and positive peace.
- Negative peace- Peace as absence of war and abolition of war, as the minimization and elimination of violence, as removal of structural violence, Peace with Justice, Peace and Nonviolent liberation technique (Satyagraha) and Disarmament.

UNIT II Concept of Peace-2

- Positive peace: Peace as Love, Mutual Aid, Positive Interpersonal relations, Peaceful resolution of Conflict, Peace and Development, Alternative defense, living with nature and preserving life and Eco system and Holistic inner and Outer peace.

Unit-3 – Bases of Peace Education

- Becoming peace teacher acquisition of knowledge, values and attitudes.
- Life skills required for peace Education (WHO)
- Areas of peace Education: Conflict management, conversation of environment.

UNIT 4 Effective Teaching of Peace

- Peace Education for Life and Lifelong Education, peace Education and removing the bias Towards violence- correcting Distortions.
- Model of integrated learning- Transactional Modalities- Cooperative Learning, Group Discussion, Project Work, Role Play, Story Telling, Rational Analytic Method- Case Analysis and Situation analysis,

Unit 5 – Transaction peace Education & Role of Social Agencies:

- Integration of peace Education Through curricular and Co-curricular activities.
- Role of mass media in peace Education
- Programmes for promoting peace Education-UNESCO
- Addressing challenges to peace in Multicultural society.

SESSIONAL:-

Any One   **Marks-25**

- Prepare a Role play of Great personalities who worked/ contributed towards peace.
- Organize an activity in schools to promote peace.

REFERNCES:-

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M.Ed.:10 10-6(e)

Inclusive Education-(i)

OBJECTIVES:- **Marks-100**

After completing the course the students will be-

- To develop an understanding of the concept and philosophy of inclusive Education in the context of Education for all
- To identify and address diverse need so all learners.
- To develop and attitude to foster inclusive Education.
- To develop an understanding of the role of facilitators in inclusive Education
- To incorporate innovative practices to respond to Education of children with special needs;

Unit-I Introduction to inclusive Education-I

- Concept of special Education, Integrated Education and inclusive Education; philosophy of inclusive Education.
- Principles of special Education
- Concept of impairment, Disability, Handicap

Unit-II Inclusive Practices

- Concept of an inclusive school infrastructure and accessibility, human resources, attitudes to disability
- School's readiness for addressing learning difficulties.
- Technological advancement and its application-ICT adaptive and assistive devices, equipments and other technologies for different disabilities.
- Supportive services required for meeting special needs in the classroom-special teacher, speech therapist, physiotherapist, occupational therapist, and counselor.

Unit III: Legal And Policy Perspectives-I

- Constitutional provision 8 for special need children
- The person with disabilities (Equal Opportunities, Protection of Rights and full participation) Act, 1995 (PWD Act);
- The rehabilitation Council of India Act 1992 (RCI Act);

Unit IV Issue in Planning and Management of Education

- Issues in planning and management of Education of children and persons with disabilities.
- Identification, assessment and certification of special Education needs.
- Rights of children with disabilities and implications for Education provision, role of Government and Non-Government organizations.

Unit V Psychology & Teachers based Assessment of Exceptional Students

- Barriers and Facilitators in inclusive Education : Attitude, Social and Educational
- Teacher based Assessment
- Development and application of teacher friendly evaluation procedures.

SESSIONAL WROK   **Marks-25**

ANY TWO

- A Report based on actual visit to an inclusive school
- Make an assessment schedule for a child with any of the disability
- Mentally retarded, hearing impaired, orthopedically impaired, cerebral palsy, learning disabled and autistic children.

REFERENCES:-

1. Bhargava, M, (2003) VishisthaBalak – Unksiksha Evam Punarvasa, Vedanta Publications, Lucknow.
2. Bist, A.R, Vishistha Balak, Vinod Pustak Mandir, Agra. (Hindi)
3. Cruickshank, W.M. (1975) Psychology of Exceptional Children and Youth, Englewood Cliffs NJ, Prentice Hall.
4. Dash, M., (2000) Education of Exceptional Children, New Delhi, Atlantic Publishers and Distributors.

5. Drishtibadha, (2012) AICB, New Delhi (Hindi)
6. Guilford, (1971) Special Education Needs, Roulegekagan Paul.
7. Hollahan, D. and Kauffman, JM (1978) Exceptional Children: An introduction to Special Education Englewood Cliffs NJ Prentice Hall.
8. Kundu C.L., (2000) Editor in Chief, Status of Disability in India, RCI, New Delhi.
9. Kumar, Sanjeev, Vishishtha Balak. (Hindi)
10. Mangal, S.K., (2009) Educating Exceptional Children: An introduction to Special Education, prentice Hall of India Private Limited, New Delhi
11. Madan Mohan Jha (2002) School with out walls : inclusive Education for all, Heinemann edu. Oxford.
12. Mangal, Sk., Education of Exceptional Children, PHI, New Delhi. Mathew, S. (2004) Education of Children with hearing impairment. RCI Kanishka Pub.
13. National Policy on Education (1986,1992) MHRD, GOI, Delhi.
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15. UNESCO. (2006) United Nations Conventions on the right of person & with disabilities. UNESCO.
16. UNESCO. (2009). Policy guidelines on inclusion in Education UNESCO.

M.Ed.-11

Advanced Research Methods

Marks-100

OBJECTIVES:-

After completing the course the student will be-

- To understand the role and use of advanced statistics in Educational research.
- Select appropriate statistical methods in Educational research.
- To understand various Statistical measures for interpretation of data.
- To interpret the statistical data.

COURSE:-

Unit-I The Normal Distribution

- Properties of normal probability distribution
- Defects in normality-1 Skewness 2. Kurtosis
- Applications of normal probability curve

Unit-2 Significance & the Scaling of tests

- The significance of mean, median, standard deviation, quartile deviation, percentage and correlation.
- The significance of difference, coefficient of correiation
- Sigma scaling and standard scores, T scaling, Stanine scaling, Percentile scaling.

Unit-3 Analysis of Variance & Testing of Experimental hypothesis

- Meaning of variance
- Method of analyzing variance
- Meaning of Covariance
- Analysis of Co-variance
- Parametric and Non parametric- Chi-square test, sign test, Median test, Man whitney U test.

Unit-4 Regression, Prediction & correlation

- Meaning of regression
- Regression equations
- Application of regression equations in prediction
- Meaning of partial and multiple correlation
- Simple applications of partial and multiple correlation
- Biserial Correlation-point biserial correlation
- Phi-correlation-contingency coefficient

Unit-5 Reliability and Validity & Factor Analysis

- Reliability of test scores and methods of determining it.
- Validity of test scores and determining validity
- Item analysis
- Nature of factor analysis
- Basic assumption I factor analysis
- Hierachy, factor saturaturion and group factors
- Methods of factor analysis

SESSIONAL WORK:-

Development of any one scale with reliability and validity.

- PERSONALITY
- ATTITUDE
- APTITUDE

REFERENCES:-

- H.E garett- statistics on Psychology & edn, Longman Green & Co., London.
- B.Fruchter-introd 1.1ction to factor analysis-D van hostrand & Co., N.Y.
- G.Thompson fretoranalysis of human Ability, University of London press.
- Albert Kurtz Semual Mayo-Statistical Methods in Education and psychological Springer international student edition.

M.Ed.-12

TEACHER EDUCATION-II

MARKS-100

OBJECTIVES:-

After completing the course the students will be-

- To understand the concept of teacher Education
- To develop necessary skills
- To develop insight into the problems of teacher Education at different levels.
- To develop experimental attitude in teacher Education
- To understand new trends, and techniques in teacher Education.

UNIT-1 Historical development of teacher Education in India

- Historical development of Teacher Education
- Teacher Education as distinguished from teacher training.
- The need and importance of Teacher Education
- Concept and structure of Teacher Education
- Need for pre-service and in service professional Education of teacher at different levels in the present India situation

UNIT-2: Content of Teacher Education

- Theory of teacher Education and its duration, practical activities to be conducted during the training course, Relationship and weightage given to theory and practical work, Evaluation-Internal and external
- Instructional Methods in Teacher Education, Seminars, Group Discussion Supervised Study, New Methods- programme learning, Models of teaching, Content-cum methodology.
- Approach, Practice teaching in Teacher Education, Demonstrations Experimentation, Practice teaching and Observation,
- Significance and Supervision of Practice teaching, Internship, Relationship of college of Education with Co-operating Schools.
-

Unit-3 Evaluation procedures in Teacher Education

- Assessment (1) Aspect of Internal & External Assessment (II) New Techniques of Evaluation
- Teaching as a profession.
- Recommendation of various commissions on Teacher Education, Kothari Commission, National policy on Education NCTE policy.
- Professional organization for various levels of teacher-types and there role & functions.
- Performance appraisal of teacher.
- Code of conduct and ethics of teaching profession. 3.7 Faculty Improvement programme for teacher Education.

UNIT-4 Research and Teacher Education

- Need to research in Teacher Education
- Action Research for quality improvement in T.E
- Area of Research in T.E Teaching Effectiveness, Criteria of admission. Modification of Teacher behavior, School Effectiveness.
- Current problems of Teacher Education
- Teacher Education and practicing schools
- Teacher Education and practicing schools.
- Teacher Education and UGC, NCTE, University.
- Preparing teacher for special school.

UNIT-5 Types of Teacher Education Programme and Agencies:-

- In –Service T.E-Concept, Meaning, Need and nature
- Preserve T.E,- Concept, Meaning, Need and nature
- Orientation and Refresher courses
- Agencies of T.E-SCERT, Colleges of T.E, Open University, Academic staff colleges, University Department of Education and Teacher PF organization.

SESSIONAL WORK:-   Marks-25

- Subject specific Term Work Module/assessment modes-at least two-(like Extension /Field/Experimental work, Short quiz)

REFERENCES:-

1. Sualemeyarl indsey-working with student, Teachers, Eurasla publishing house (Pvt.) Ltd. New Delhi-55.
2. William Taylor-Society and the Education of Teacher, Faber Faber
3. Dr. G. Chaurasia- New Era in teacher Education, Sterling publishing pvt. Ltd.
4. Edited by S.N mukarji-Education of teacher in India Valun I e I &II-s Chand & Co. Delhi.
5. K.L Shrimali-Better Teacher Education Ministry of Education, Government of India.

Specialization Select on out of four paper

M.Ed.-13-(a)

<u>Pedagogy of Science Education-II</u>

OBJECTIVES:-   **Marks-100**

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

- To understand the difference and complementarily between Science and technology,
- To understand the need to evaluate curricula and evaluate the same on the basis of different validities.
- To understand diversity of instructional materials, their role and the need for contextualization in Science Education.
- To appreciate the role of Co-Curricular activities in Science Education.
- To understand the role of assessment in the teaching-learning process in Science,
- To familiarize with innovative trends in assessment, analyze issue in Science Education pertaining to equity and access, gender, special group and ethical aspects.

Unit-I-Science: Nature

- Complementarities between Science and technology
- Science and Mathematics and their complementarities,
- Common misconceptions of pupils about the nature of Science
- Characteristics of different disciplines of Science, their interrelationship and integration

Unit II – Taxonomy in Science Education

- Taxonomy for curriculum development in Science Education
- Science curriculum at different stages of school Education at primary, Upper primary, Secondary, higher secondary.
- Integrating Co-curricular activities with Science Education,

- Trends in Science curriculum, Considerations in developing learner centered curriculum in Science.

Unit-III-Approaches to Teaching-Learning of Science-2

- Role of experiments in Science, integration of theories and experiments in Science development of laboratory design,
- Planning and organization of laboratory work reporting skills, procedural knowledge, improvisation in the laboratory and low cost Science experiments,
- Encouraging and respecting children response, introducing alternative approaches in Science Learning.
- Integrating Science across different disciplines and with real life situation Reflective enquiry.

Unit IV-Planning and assessment

- Planning and assessment of Portfolios in Science learning.
- Assessment of curricular activities
- Assessment of content knowledge through activities and experiments
- Assessment of laboratory skills

Unit-IV Contemporary issues in Science Education

- Innovation and creativity in Science
- Researches in Science Education,
- Effect of project work in pedagogy of Science
- Contribution of India scientists, Scientific and technological literacy.

Unit-V Contemporary Issues in Science Education

- Innovations and Creativity in Science
- Research in Science Education,
- Effect of project work in pedagogy of Science
- Contribution of Indian Scientists, Scientific and Technological literacy.

SESSIONAL WORK   **Marks-25**

The Student teacher may undertake any one of the following activities:

- Development of lesson Plan
- Development of Achievement test.

REFERENCES:

- Bhatnagar S.S (2003), Teaching of Science, Meerut: Surya Publications.
- Black P (1998), Testing Triend or Foe? Theory and practice of Assessment and Testing London: Falmer Press.
- Carey. S. (1986), Cognitive Science and Science Education American Psychologist 41 (10)1123-1130
- Chalmers, A (1999), What is the thing called Science 3rd Ed Buckingham Open University press.
- Das R.C (2012), Science teaching in schools. New Delhi: Sterling Publications.
- Driver. R, Leach. J, Millar. R and Scott. P. (1996), Young peoples, image of Science. Buckingham Open university Press 39
- Gipps C.V (1994), Beyond Testing London Falmer Press.
- International Journal of Science Education.
- Journal of Research in Science Teaching (Wiley-Blackwell)
- Kaur. R. (2007), Teaching of Science Patiala Twenty first Century Publications.
- Kohli V.K (2003), How to teach Science Ambala vivek publishers.
- Kulshrestha S.P (2009), Teaching of Science Meerut Vinay Rakheja Publications.
- Minkoff, E.C & Baker P.J (2004), Biology today An Issues Approach, Garland Science New York Pp 1-32 Biology Science & Ethics.

M.Ed. 13 (b)

Pedagogy of Mathematics Education-II

OBJECTIVES:-

- On completion of this course students teachers will be able to:
- Distinguish between Science and mathematics appreciates the abstract nature of mathematics.
- Distinguish between the roles of pure and applied mathematics
- Develop the skill of solving real life problems through mathematical modeling as an art.
- Develop the understanding of using constructivist approach in mathematics
- Develop the skill of using various methods of teaching mathematics.

Unit-I Nature, Development and significance of Mathematics

- Abstractness of mathematics, distinction between mathematics and Science.
- Distinct roles of pure and applied mathematics.
- Mathematization aesthetic aspect of mathematics.
- Historical development of mathematical concept with some famous Anecodotes Pythagoras, Aryabhatt, Ramanujan, etc. teaching of mathematical modeling.

Unit II Objectives and Strategies of teaching learning mathematics

- Competence based approach in teaching mathematics
- Teaching gifted/Slow learner in mathematics
- Pedagogical Analysis of mathematics
- Reflective discusslong recreational aspect of mathematics, mathematical games, Puzzles and Amusements.
- Computer aided learning and computer based instruction, Use and preparation of teaching aids, mathematics laboratory and mathematics club.

Unit-III-Critical Appraisal of curriculum of mathematics

- Role of examples, counter examples and non-examples in mathematics
- Conjectures, Scope and limitations of intuition in mathematics
- Sets and Venn diagrams as a representative of mathematical properties and their relations.

- **Unit-V Evaluation in Mathematics-2**
- Types of test items in mathematics meaning
- Merits, Limitations and construction of long answer type, short answer type, very short answer type, and
- Objective type construction and standardization of an achievement test in mathematics.
- Action Research in Mathematics.

SESSIONAL WORK:
                    Marks-25

The student teacher may undertake of the following.

- Development of achievement test.

REFERENCES:-

1. Baw, G.R. & George L.U (1976), Helping children learn mathematics A Competency Based laboratory Approach. California Cumming Publishing Co.
2. Butler C.H. & Wren, F.L (1965), the teaching of secondary mathematics New York: Mc Graw Hill.
3. Carpenter T.P Dossey J.A & Koehler J.L (2004), Classic in mathematics Education research United State of America. The National Council of teacher of Mathematics.
4. Chambers, P. (2010), Teaching Mathematics New Delhi Sage Publications.

5. Cooney T.J (1975), Dynamics of Teching Secondary School Mathematics Boston Houghton Mifflin Driscoll M. Nikula, E.M & Dimatteo R.W (2007), Fostering Geometric thingking : A guide to teachers grade 6-10, Portsmouth, NH : Heinemann.

6. Driscoll M. (1999), Fostering algebraic thinking A Guide for teacher grade 5-10 portsmouth NH Heinemann.

7. Grouws, D.A (ED) (1992), Handbook of research on mathematics teaching and learning NY. Macmillan publishing lester.

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10. Kurteteski, V.A (1976), The psychology of mathematical abilities in school children University of Chicago Press

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12. Malove, J & Taylor, P (1993), Constructivist interpretations of teaching and learning mathematics perth curtin University of Technology.

13. Michael D.R. (1977), Mathematics as a Science of patterns Oxford press.

14. Marshal S.P (1995), Scheme in problem solving NY Cambridge University press.

15. Marilyn, N (2000), Teaching and learning mathematics A guide to recent research and its applications NY. Continuum.

16. NCERT (2005), National curriculum framework, New Delhi.

M.Ed.:-13(c)

Pedagogy of Language Education-II

OBJECTIVES:-   **Marks-100**

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

- To gain an understanding of the nature, functions and the implications of planning for teaching language/languages.
- To understand the psychology of language learning.
- To study and analyze different approaches, methods and techniques for differentiating between teaching language.
- Teaching literature in the context of first language and second language examine various areas of research in language Education.
- To survey various problems with respect to language learning identifies.
- To reflect on factors affecting language policy.

Unit-I Issue of Language Learning

- Curriculum, selection and sequencings of content,
- Contexts, transaction and evaluation techniques,
- Development of basic language skills as well as advanced language skills primary, secondary and senior secondary levels.
- Innovative techniques for teaching grammar, reading comprehension and written expression.

Unit II Discourse Analysis:

- Theories of discourse analysis including speech acts, conversational maxims,
- Conversational analysis
- Etno-methodology, text analysis,
- Critical discourse analysis
- Met linguistic awareness with a focus on listening, speaking, seaving, comprehension at writing

Unit III Individualization of Language Learning

- Nsed techniques, viz.
- Differential assignments,
- Classroom tasks,
- Personalized system of instruction

Unit-IV Teaching Learning of Languages

At referent stage of school Education-

- Primary, Upper Primary
- Secondary, and higher secondary.

Unit-V- Contextual problems in Language Learning

- Medium of instruction recommence recommendation of NPE 1986/1992 NCF (2005)
- Preservation of heritage language
- Home language
- School language problem of tribal dialects.

SESSIONAL WORK   **Marks-25**

- Development of lesson plan
- Development of achievement test.

REFERENCE:-

1. Bennett, W.A. (1969), Aspects of Language and Language Teaching London: Cambridge University Press.
2. Barden K (2006), Task based language Education from Theory to practice London Cambridge University press.
3. Britton, J (1973), Language and Learning England: Penguin books.
4. Byrnes H. (2006), Advanced Language Learning The contribution of Halliday and Vygotsky Continuum International Publishing Group

5. Hodges and Rudolf (1972), Language and Learning to Read, What language teacher should know about language Boston Houghton Mifflin Co.

6. Joyce & Banks (1971), Teaching the Language Arts to Culturally Different Children London Addison Wesky, Pub. Co.

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10. Osherson, N.D & Howard, L (1990), Language an introduction to cognitive Science Vol. 1 USA Massachusets Institute of Technology.

11. Pavelenko Aneta Et al (2001), Multilingualism Second Language learning and gender Berlin Walter De Gruyter Gmbh & Co. KG.

12. Schiffrin D. Et al (2001), The Handbook of Discourse Analyses Blackwell publishing.

13. Vygotsky , L.S. (1985), Thought and Language, Cambridge, MA : The MIT press.

14. Wilkinson A. (1971), The Foundations of Language, London: Oxford University Press.

M.Ed.:13(d)

Pedagogy of Social Science Education-II

OBJECTIVES:-   **Mrks-100**

After completion of the course the student be able to:

- Develop an understanding about the meaning, nature, scope of social Science and social Science Education.
- To find out the distinction and overlap between social Science, humanities and liberal arts.

- Understand the role of various methods and appropriate for transaction of social Science curriculum.
- Effectively use different media materials and resources for teaching social Science.
- Construct appropriate assessment tools for teaching learning of social Science and undertake evaluation.

Unit-I-Social Science Education In School

- Place of social Science in school curriculum
- Aims and Objectives of teaching social Science at various stages of school Education
- Research perspectives in pedagogy of social Science Education

Unit II – Social Science Curriculum Approaches

- Curriculum; social Science curriculum at various stages of school Education
- Methodology of development of curricular materials viz, textbooks workbooks teacher handbooks,
- Teacher's Education manuals, other content enrichment materials-their conceptualization and processes.

Unit III Approaches to Pedagogy of Social Science

- Field survey, Problem solving, Role-play,
- Appraisal, Field visits and case studies, Action research etc.
- Critical appreciation of Various learning strategies- SQ3R (Survey Questioning, Reading, Recite and Review)
- RAFT (Role, Audience, Format and Topic), Discussion and graphic organizers, cooperative learning, pedagogical analysis of social Science.

Unit IV Resources for Teaching-Learning of Social Science

- Effective utilization of resources for teaching social Science textbooks and
- Supplementary materials,
- Literature and biographies,

- Environment and Community Resources,
- Development of low cost improvised teaching aids.

Unit V Evaluation in Social Science Education

- Construction of achievement test alternative assessment : Rubrics, Portfolios and
- Projects Typology of question as related to different subject areas viz,
- History, Geography, Political Science, Economics Etc.
- Evaluation of Attitudes,

SESSIONAL WORK:
Marks-25

The student teacher may undertake any one of the following activities.

- Development of lesson plan
- Development of achievement test.

REFERENCE:-

- NCERT (1976) The Curriculum for the Ten year school: A framework reprint Edition, National Council of Educational Research and Training New Delhi.
- NCERT(1988) National Curriculum for Elementary and Secondary Education. A framework, Revised Edition, National Council of Educational Research and Training New Delhi.
- NCERT (2001) National Curriculum Framework for School Education Reprint Edition. National Council of Educational Research and Training New Delhi.
- NCERT(2005a) National Curriculum Framework Review 2005 National Focus Group Position Papers VOl. II, Systemic Reforms (Position paper on Curriculum, Syllabus and Textbook), National Council of Educational Research and Training, New Delhi.
- NCERT (2005a) National Curriculum Framework Review 2005 National Focus Group Position Paper on Curriculum, Syllabus and Textbooks National Council of Educational Research and Training, New Delhi.

- NCERT (2005a) National Curriculum Framework Review 2005 National Focus Group Position paper on Teaching of Social Science, National Council of Education Research and Training, New Delhi.
- NCERT (2005b), National Curriculum Framework 2005, National Council of Educational Research and Training, New Delhi-43.
- NCERT (2006a) Syllabus for Secondary and Higher Secondary Classes, National Council of Educational Research and Training, New Delhi.
- NCERT (2006b) Syllabus for classes at the Elementary Level, National Council of Educational Research and Training, New Delhi.

M.Ed.-14 i (ii)

Guidance and Counseling

OBJECTIVE   **Marks-100**

After completing the course the students will be.

- To get acquainted with the tools and techniques of appraisal of an individual
- To get acquainted with the need and various ways of collection and dissemination of occupational information.
- To develop understanding of meaning characteristics and types of counseling.
- To get acquainted with process and techniques of counseling.
- To get acquainted with the importance of placement and follow up services.
- To get acquainted with meaning, purposes and out-line of job-study.
- To develop understanding about counseling-research, issues and trends.

COURSES:-

Unit-I Occupational Information

- Collection Need, sources, method of classification of occupation information.

- Dissemination of information about various courses and occupation career conference, career exhibition, Visits, Field trips, Career films etc.
- Use of technology in the collection and dissemination of occupational information.

Unit 2. Job Analysis

- Meaning and objectives of job analysis
- Outline for Job study
- Job profiles
- Job satisfaction

Unit-3 Techniques of Guidance & Counseling

- Techniques of guidance-Home visits, Interview, Observation
- Presenting, analyzing, Interpreting and reporting the data
- Techniques for group counseling-formal, Informal, Discussion, Committee Reports, lectures,
- Dramatics question banks, Case conference Methods.
- Effective Counselor, Increasing Need of School Counselor in the Present Set up.

Unit-4 Placement and follow up

- Aims and Types of placement
- Responsibility of the school and Community about the placement services
- Importance and purposes of follow up services
- Role of follow up

Unit-5 Guidance and counseling (With reference to present scenario)

- Research
- Issues
- Trends

SESSIONAL WORK:-   Marks-25

1. Job analysis of one occupation.

2. Prepare an interview schedule for placement services.

REFERENCES:-

1. J.Agarwal J.C.: Education vocational Guidance and Counselling. Daoba House, Nai Sadak, Delhi
2. Anatasi Anne: Psychological testing, New York, Mac Millan 1982.
3. Mennet M.E.: Guidance and counseling in groups, Mc Grow Hill book company. 1963
4. Crites J.O : Vocational Psychology, New York, GMC Grow Hill Book company 1968.
5. Directorate General of Employment and Training (Occupational information unit)Ministry of Labour, Employment and rehabilation, Govt. of India, Co. New Delhi.
6. Directorate General of Employment and training Ministry of Labour, Govt. Of India, New Delhi.
7. Gupta SK: Guidance and Counseling in India Education, Mittal Publication Pvt. Ltd.
8. Swedish Mohan: Reading for Carrers Teachers, NICER 1985.
9. Koceher SK: Educational and Vocational Guidance in Secondary Schools, Sterling publisher (p) Pvt. Ltd. Delhi.
10. Jones A.J.: Principles of Guidance, Mc Graw Hill Book Co., New York.
11. Jayawal S.R.: Guidance and Counselling, Prakashan Kendra Lucknow.
12. Rogers C.R.: Client Centered Therapy, Mifflin.

M.Ed.-14 – ii (ii)

Curriculum, Pedagogy and Assessment

OBJECTIVES: **Marks-100**

To enable the student teacher to:-

- Understand the concept, principles and determinates and process of curriculum development at different levels.
- Gain an understanding of different theoretical perspectives on learning.
- Appreciate the critical role of learner difference and context in making meaning, and draw out implications for schools and teachers.

- Understand the concept of assessment and evaluation.
- Understand the nature and uses of different assessing tasks and tools and techniques to assess student performance.
- Understand the different dimension of learning and related assessment procedure, tools and techniques.

COURSE

Unit-1 Curriculum Development

- Factors influencing to curriculum implementation: Student, Teacher and instructional Environment.
- Development of National Curriculum Framework.

Unit-2 Teaching Learning Process

- Learning aspects: Behaviorism, congnitivism, constructivism.
- Teaching aspects: maxims, principles, phases and levels.
- Classroom communication: concept, characteristics, cycle, barriers and facilitations, action research.

Unit-3 Multisensory Approaches

- Multisensory approaches : Audio – visual aids (Edger date's cone of experience)
- Teacher in digital era (Visual Teacher)

Unit-4 Practices in Education

- Micro – Teaching: Skill of introduction, Questioning, Explanation, stimulus variation and reinforcement.
- Analysis Teaching Behaviour (FIACS)
- Programme learning and teaching machine.

Unit-5 New trends in Evaluation

- New trends in Evaluation CCE, Grading system semester system online Exam, Open book exam, Exam on demand.

- Statistics : Need and importance, frequency Distribution graphics Representation, Measure of central Tendency, Standard Deviation Correlation (Rank difference)

SESSIONAL WORK   **Marks-25**

(Any two of the following)

- Conducting of an action research
- Planning of an achievement test/Diagnostic test.
- School visit followed by presentation on evaluation practices in schools.

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Education policy, Economics and Planning

OBJECTIVES: **Marks-100**

After completion of the course the student- teachers will be able to:-

- To equip with essential skills of successful administrators.
- To understand structure and system of administration at National state and Local level.
- To understand the division of authorities among employees.
- To play their active role to enhance school community relationship
- To critically evaluate policies related to local and state authorities, which play important role in shaping school performance.

Unit-I : Educational Administration at National & State levels:

- Meaning concept, Nature and types of structure of Educational administration at national level.
- Role and responsibilities of Center Govt.
- National grants, to State Govt.
- Bureaus/ Division of the ministry of HRD, Department of Education
- Major activities and organization of Department of Education of MHRD.
- Kendriya Vidalaya Sanghatan,
- State level administration:- Need importance and limitations.
- Recommendations of Committees on role of State and Local bodies.

Unit- II: Issues, Concern & Challenges:-

- Issues and Challenges in Elementary Educational Administration of at National, state and Local level.
- Local bodies:- District boards and municipalities, Present position of Local administration in elementary Education.
- Division of Authority between State and Local Bodies in respect of the administration of Elementary Education, State Grants to local bodies.

UNIT-III: School Community Relationship-I

- Traditional and modern view of school.
- School as a miniature of society
- Ways and Means of improving of school community relationship
- New Act, Oct,-2006 (School management Committee) & RTE 2009, Education funds-PTA, Mothers Association, Old students Association.

Unit-IV: School Community Relationship-2

- Professional organization of Teachers.
- Linkage with NGO's Corporate institution/NRI's convergence with other Dept. Such as Health Women & Child Welfare, Social welfare, Minority Welfare, Disabled Welfare and Panchayat department.

Unit- V School Administration:

- Need for school administration, objectives, and influencing factors.
- Main changing concept and scope of school administration role and responsibilities of the principal & teachers (with special reference to free and compulsory act)
- Organization of Elementary school-Meaning, type and its impact on shaping school performance.
- SMC and school administration.

Assignment:- (ONE)
MARKS-25

- Prepare a report on the existing structure and function of Educational administration at National level.
- Make comparative study of management and administration of Kendriya Vidyalaya and State Govt. school.
- Find out the most influencing factors of school administration after interaction with stake Holders (at least 5 administrative steps)
- Prepare a report on role and responsibilities of the Principal & Teachers (With special reference to free and compulsory act.)

REFERENCES:-

- Mukhopadadyay, Mamar & Tyagi, R.S. (2005), Goverence of School Education In India. New Delhi NIEPA. Mathur S.P (2001) Financial Administration and Management. India Publications, India.
- Ramcharan padama & R.Vasantha (2005), Educational in India. New Delhi National book trust.
- Bhagia, N.M (1990), Educational Administration in India and other developing countries, Commonwealth publishers, New Delhi Luthens, Fred.

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Educational Management, Administration and Leadership

OBJECTIVES   **MARKS-100**

After completion of the course the student teachers will be able to:-

- To handle or solve problems and issues related to Educational administration at elementary level.
- Understand types of Educational administration.
- Select/practice/ and suggest appropriate types of Educational administration according to situations.

Unit-I: Educational Administration at National Level:-

- Structure, Role and responsibilities planning, Education reforms, organization, Direction control, Equalization of Educational opportunities pilot project liaison with UNESCO, Opening central institutes.
- National Grants, To state Govt.
- Bureaus/ Division of the Ministry of HRD, Department of Education.
- Major activities and Organization of department of Education of MHRD.
- NCTE, Kendriya Vidyalaya Sangathan,
- Suggestions regarding Administrative reforms at the Central level.

Unit-II: Role of state Govt. in secondary Education:-

- State level administration:- Need importance and limitation recommendations of committees on role of state and local bodies.
- Local bodies:- Distract boards and Municipalities. Present position of local Administration in Elementary Education.
- Division of Authority between State and Local Bodies in respect of the Administration of Elementary Education. State Grants to local bodies.

Unit-III: Types of Educational Administration

(A) Totalitarian Educational Administration
- Merits of Totalitarian Education
- Demerits of Totalitarian Education
(B) Democratic Educational Administration
- Factors Determining he Character of Administration
- Personal Factors
- Environmental factors
- Linkage with NGO's Corporative institutions/ NRI's Convergence with other Dept. such as Health, Women & child welfare, Social Welfare, Minority Welfare, Disabled Welfare and Panchayat Departments.
- Linkage with NGOs' Corporate institution/ NRI's Convergence with other.

Unit-IV Need for school administration,

- Objectives and influencing factors.
- Main changing Concept and scope of school administration, role and Responsibilities of Principal & Teacher (with special reference to free and Compulsory act.)
- Organization of Elementary school- meaning, type and its impact on shaping school performance.

Unit-V Issue in Educational Administration

- Authority and Control : Centralization and Decentralization
- Bureaucrat and politicism/Bureaucrat and the Technocrat
- Educational Administrator

    (a) Qualities of the Administrator

    (b) Duties of the Administrator

(c) Human Relations

- DIETS – Responsibilities

SESSIONAL   **MARKS-25**

- Comparative study of qualities of the administrator of best performing school and school with poor performance to identify the similarities & differences.
- Find out the most influencing factors of school administration after interaction with at least 5 administrative officers.
- Prepare a report on role and responsibilities of Principal & Teacher(with special reference to free and compulsory act.)

REFERENCES:-

- Mukhopadadyay, Mamar & Tyagi, R.S (2005), Govereance of School Education in India, New Delhi, NIEPA Mathur, S.P (2001), Financial Administration and Management India Publication , India.
- Ramcharan Padma & R. Vasantha (2005), Education in India. New Delhi, National Book Trust.
- Bhagia, N.M (1990), Educational Administration in India and other developing countries. Commonwealth publishers, New Delhi Luthens, Fred.
- (1981), Organizational Behavior, Mcgraw Hill, Tokyo.
- Milton, Charles R. (1989), Human behavior in Organization, Prentice Hall, Inc, USA.
- Mahajan, Baldev and Khullar, K.K (2002), Educational Administration in Central Government Structures processes and future prospects. Vikas Publication House Pvt. Let. New Delhi.
- Musaazi, J.C.S. (1982), the theory & practice of Educational Administration. London. The Macmillan press.

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EDUCATIONAL TECHNOLOGY

OBJECTIVES: **MARKS-100**

After completion of the course the student teachers will be able to:-

- Students will be able to attain the concept of communication.
- Student will be able to assess the status of Educational Technology in India.
- Students would learn the mechanism of developing PLM.
- Students will be acquainted with the concept of Distance Education, Open Education and their management.
- Students will be familiar with concept like model of teaching instructional strategies, Cybernetics etc.
- Students will be able to use Criterion Reference Tests and Norm reference Tests appropriately.

COURSE

Unit I : Communication Modes in Education

- Concepts and process of communication
- Principals of communications
- Communication and learning
- Modes of Communication-Speaking and lisening, Writing and reading, visualizing and observing.
- SMCR mode of communication, sharon's model of communication
- Task analysis

Unit II: Programme Learning Materials

- Mechanics of developing different types of Programmed learning Materials.
- Mastery learning.
- Criterion Reference Testing and Norm Reference Testing : Assumption, Advantages, Disadvantages and uses.

Unit III: Behavioral Technology

- Flanders Interaction Analysis,
- Coding, Decoding.
- Feedback System and Simulation.

Unit-IV: Models of Teaching

- Definition, Classification and elements, ITM/CAM as examples.
- Multimedia Approach and instructional strategy : meaning and designing,
- Difference among message, method and medium,(d) Cybernetics-concept and scope in Education.

Unit-5 – E- learning

- E-learning definitions, scope, trends, attributes & opportunities
- Pedagogical designs & e-learning
- Assessments, feedback and e-moderation
- E-learning on line learning management
- On line learning management system
- Digital learning objects
- Online learning course development models
- Management and implementation of e-learning.

SESSIONAL   MARKS-25

- Students should observe at least two lesson by using Flanders interaction Analysis Category System and prepare a feedback report.

REFERENCES:

- Chouhan, S.S.: Innovations in Teaching and Learning practice. Vikas Publishing House, New Delhi. 1973.
- Chouhan, S.S.: Textbook of programmed instruction. Sterling publication, New Delhi, 1982.

- Davis, B.: Tools for Teaching. Maxwell, New York, 1993. Joyce. B. and Well, M.: Models of Teaching New Jersey : Prentice Hall Inc., 1985
- Kumar, K.L.: Educational Technology. New Age international, New Delhi, 1996, Khan, Inayat. Distance Teaching, Amar Prakashan, Delhi,1992.
- Rathore, H.C.: Management of Distance Education in India. Ashish Publishing House. New Delhi, 1993.
- Sampath, K. et al.: Introduction to Educational Technology, Sterling publisher, New Delhi. 1981.
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THEME BASED ON INSTRUCTIONAL STRENGTH

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Lifelong Learning

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OBJECTIVES:-   **MARKS-100**

After completion of the course the student-teachers will be able to:-

- To enable the student concept of lifelong Education.
- To enable the student with approaches to lifelong Education.
- To enable the student to the need of adult and continuing Education in the contemporary world.
- To enable the student of the literacy situation and government efforts for improving the literacy status.
- To enable the student understand the role of universities in continuing Education.
- To enable the student for the research in continuing Education and lifelong Education.

Unit-I

- Adult and Continuing Education, Evolution of Concept, aims and practice.
- Need and importance of Adult and Continuing Education in the Contemporary world.

Unit-II

- Philosophical basis of lifelong Education-Humanism and Existentialism
- Sociological basis of lifelong Education, Need and importance in the contemporary world.

Unit-III

- Scope of lifelong Education-Literacy, awareness, continuing Education and empowerment of all.
  - Section of society
- Impact of lifelong Education on formal Education-Education for diverse target groups through
  - Open learning
  - Web Based Education
  - Community Colleges.

Unit-IV

- Literacy situation in India, Total Literacy campaign (TLC) objectives and strategies.
- New Initiatives in Adult and Continuing Education, Sakshar Bharat.

Unit-V

- The non formal approaches in Education-Education for all
- School drop outs and universalization of primary Education and its relationship with adult literacy : DPEP
- Teaching-learning materials for non formal Education preparation according to the needs of various target group Ssarva Shiksha Abhiyan.

SESSIONAL WORK (TWO)
Marks-25

Poster preparation and exhibition of any/all of the following :

1. Open learning
2. Part time course
3. Web based Education

REFERENCES

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3. India journal of Adult Education, 69,3,2008.
4. Indian Journal of Adult Education, 69,3,2008.
5. International Journal of Adult and Lifelong Education, Vol. no. 1, (2003), UNESCO & UNDP Documents and Publications.
6. Jarvis, peter, (1990), International dictionary of adult and Continuing Education London, Routledge.
7. Jethither, Bhart, (1996), Adult Education & Extension. New Delhi,: APH publishers.
8. New Frontiers in Educational International Journal of Education, Vol. XXXII, No. 2 April-June.
9. Pareek, Vijay Kumar, (1992), Adult Education, Delhi. Himansher.
10. Patil, S.P., (1996) : Problems of Adult Education Programme Ambala Cantt. Associated Pubs.
11. Rahi. A.L., (1996), Adult Education Policies and Programmes, Ambala Cantt. Associated. Pubs.
12. Rao, D.S. (1993), Continuing Education in India Ambala: The Associated Publishers.

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Value Education and Human Rights

OBJECTIVES: **MARKS-100**

- To enable students to understand the need and importance of value Education and Education for human rights.

- To enable them to understand the nature of values, moral values, moral Education and to differentiate such values from religious Education, moral training or moral indoctrination.
- To orient the student with the basis of morality and with the place of person and emotions in moral development of the child.
- To enable them to understand the process of moral development vis-a vis their cognitive and social development.
- To orient the students with various intervention strategies for moral Education and conversion of moral learning to moral Education.

Course:-

Unit 1 Moral and Cultural Context

- Universal Character of Human rights-
- National human rights commissions.

Unit-2 Human Rights

- Concept, Need,
- Importance,
- Awareness about human right

Unit 3 Morality and Moral Education

- Justice and care- the two dimension/prospective in morality : dichotomy between reason and passion
- Moral judgment and moral action

Unit-4 Media and moral learning

- Media and moral learning
- Moral learning inside the school: providing "from"and"content" to moral Education.
- Moral Education and the curriculum: can moral Education be imparted taking it as a subject of curriculum.

Unit 5 Transactional Strategies for Moral Education

- Models of moral Education – a) Rationale Building model, b) The Consideration Model, c) Value Classification Model, d) Social Action Model: Assessment of Moral Values.

SESSIONAL:-   **MARKS-25**

- A review of implementation and evaluation of different schemes for human rights.
- A critical review of human rights on human development with news coverage.

REFERENCES:-

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PEACE EDUCATION-2

OBJECTIVES:-   **MARKS-100**

The course will enable the student teachers to-
- To understand the concept of peace Education.
- To acquire the knowledge about peaceful mind make peaceful world.
- To understand the theory and practice of peace Education
- To understand the philosophical thoughts for peace.
- To promote awareness about the existence of conflicting relationship between people, within and between nations and between nature and humanity.
- To create frameworks for achieving peaceful and nonviolent societies.

Unit-I Introduction of Peace Education

- Meaning, Concept and need of Peace Education.
- As a universal value
- Aims and objectives of Peace Education

Unit-2 Role of Social Agencies

- Role of Social Aagencies: Family, Religion, Mass Media, Community, School, NGO's, Government Agencies in promoting Peace Education.
- Current status of Peace Education at Global Scenario.

Unit-3 Challenges to peace-

- Challenges to Peace- Stress, Conflict, Crimes, Terrorism, Violence and Modernization.
- Strategies and Methods of teaching Peace Education- Mediation, Yoga, Dramatization, Debate and etc.

Unit-4 Effective Teaching of Peace Education

- Peace Research, International Classroom, International Parliament, Peace Awards, Creating Models for Peace Technology- Development of

new tools, techniques, mechanism and institutions for building up Peace and Engaging student in Peace Process.

Unit 5 Role of Social Agencies:

Role of Religion in propogation of Peace. Nelson Mandela Mother Theresa, Vivekanand, Gandhian philosophy in promoting Peace Education. Role of Great personalities in promoting Peace Tasks and Assignment.

Assignments

1. Class Test   10 Marks
2. Any one   10 Marks
- Write a report on Gandhi and peace.
- Write about the contribution of any two Nobel Prize winners for Peace.
- Prepare an album of Indian Philosophers and write their thoughts on Peace.

REFERENCES:-

- Adams. D (Ed.)(1997), UNESCO and a culture of Peace: Promoting a Global Movement. Paris UNESCO.
- Aber, J.L. Brown, J.L.A Henrich, C.C.(1999), Teaching Conflict Resolution: An effective.
- Dr. Haseen Taj (2005), Current Challenges in Education, Neelkamal Publications. Pvt. Ltd.
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YOGA EDUCATION

OBJECTIVES:-   **MARKS-100**

The course will enable the student teachers to-

- To enable them to understand the need & importance of Yoga Education.
- To acquaint them to allied areas in Yoga Education.
- To sensitize the student teacher towards its importance.
- To make them aware of the benefits of physical and mentally fitness & activities for its development.
- To help them acquire the skills for assessment of overall fitness.
- To introduce them to the philosophical bases of Yoga
- To introduce them to types of Yoga & its importance.
- To motivate them to resort to physical and mentally activity for the fitness development.

Unit I. Basis of Yoga

- Yoga upanisada : is Mandukya, Mundaka, Taitriya
- Bhagwadgita
- Concept of Dharma
- Karma Yoga

Unit-2 Basic understanding

- Basic understanding of Karma Yoga according to Bhagwatgita
- Personality Development through Karma Yoga
- Community awareness programme

Unit-3 Application of Yoga

- Special techniques: Asthama, Nasal allergy, Diabetes, Low bachache, Hypertension/ IHD,IBS/GID,
- Tension/Migraine, Headache

Unit-4 Advance Techniques:

- Self Management of Excessive Tension
- Pranic Energisation Technique
- Meditation: a) Omkara Dhyana, b) Cyclic Meditation
- Advance Techniques: a). Self management of Excessive Tension b).Pranic Energisation Technique   3. Meditation: a) Omkara Dhyana, b).Cyclic Meditation

Unit V – Education and Yoga

- Educational Philosophy: Definition, Meaning, Nature, Scope, Functions.
- Thinkers and philosopher of Yoga and Education. Brief Life Sketch, Philisophy and
- Contribution in the field of Yoga Education, i) Maharishi Patanjali, Buddha, and Gourakhnath ii) Vivekanand, J. Krishnamurti, Osho, Paramashansa Yogananda.

Tasks and Assignments   **Marks-25**

1- Following activity-
- Fundamental skills of yoga with detailed.

REFERENCES:-

- Kuvalayananda, Swami, Pranayama, (1983), Popular Prakashan Bombay.
- Kuvalayananda, Swami, Asanas, (1983), Popular Prakashan Bombay, English/Hindi.
- Lal, Raman Bihari. (2008), Siksha Ke Daarshnik Evam Samajshastriye Sidhant. Meerut, Rastogi Publications.
- Nagendra, H.R. (1993), Yoga in Education. Banglore, Vivekanand Kendra.
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- Raju, P.T. (1982), The Philosophical Traditions of India. Delhi, Moti Lal Banarsi Dass.
- Ram, Swami, (1999), A practical Guide to Holistic Health. Pennsylvania, Himalayan Institute of Yoga.
  Reyna, Ruth. (1971), Introduction to Indian Philosophy. New Delhi, Tata Mc Graw- Hill publishing Co. Ltd.

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Inclusive Education

OBJECTIVES:-   **Marks-100**

After completing the course the students will be-

- To develop an understanding of the concept and philosophy of inclusive Education in the context of Education for all.
- To identify and address diverse need so all learners
- To develop an attitude to foster inclusive Education
- To develop an understanding of the role of facilitators in inclusive Education
- To incorporate innovative practice to respond to Education of children with special needs;
- To implement laws pertaining to Education of children with special need.

Unit-I Introduction to inclusive Education-2

- Characteristics of children with Disability: Mentally retarded, Hearing Impaired, Orthopedically Impaired, Visually Impaired, Cerebal palsy, Learning Disabled and Autistic children.

Unit-II Inclusive Practice In Classrooms For All

- Community based Rehabilitation, Individualized Educational Plan (IEP): Development & Implementation

- Practice and classroom Management in Inclusive Education: seating Arrangement, Whole Class Teaching
- Main streaming, Activity Based Learning, Peer tutoring and Cooperative/Collaborative learning

Unit-III: Legal And Policy Perpectives-2

- Education in the National Policy on Disability-2006.
- Scheme for inclusive Education for the Disabled Children (IEDC,2000)

Unit-IV: Inclusive Education models

- Inclusive Education models and practices for universal schooling (Classes I-XII).
- Policy on teachers and special support staff for children with special need (CWSN)
- Barrier in universal schooling: Physical, Social, Economic and Pedagogic.

Unit V Teacher based Assessment of exceptional students

- Teacher based Assessment
- Impact Assessment of Social Welfare Schemes for Gender, Marginalized and disabled groups.

REFERENCES:-

- Bhargava, M., (2003),: Vishisthabalak – unkisiksha Evam Punarvasa, Vedanta Publications, Lucknow.
- Bist, A.R., Vishistha Balak, Vinod Pustak Mandir, Agra.(Hindi)
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