

GUJARAT UNIVERSITY



CBCS : Master of Education (M.Ed.) CURRICULUM (For Two Years)

**Ordinance, Regulations and
CBCS M.Ed. Curriculum
Semester - I to IV**

In Force From – June : 2015

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GUJARAT UNIVERSITY
CHOICE BASED CREDIT SYSTEM (CBCS)
ORDINANCES AND REGULATIONS AND SYLLABUS
FOR MASTER OF EDUCATION (M.Ed.) PROGRAM
(In force from June 2015)

Ordinance for Education = Edu.O and Regulation for Education = Edu. R

Edu.O-1: M.Ed. Program in Education, in Gujarat University shall be of two years (Four Semester) duration.

- For the purpose of admission in M.Ed. Program, minimum eligibility required is the following degree with at least 50% of the marks.
 1. B. Ed.
 2. B.A. B.Ed., B.Sc. B. Ed.
 3. B. El. Ed.
 4. D.El.Ed. with an undergraduate degree (with 50% marks in each).
- The M.Ed. Program is run by the University Department and 17 P.G. Colleges of Education, affiliated to the Gujarat University and recognized by NCTE.
- Intake capacity for the Department and the colleges is 50.
- Admission procedure is decided and implemented by the Gujarat University.
- Admission is given according to the norms established by NCTE, UGC and Gujarat University.
- Reservation policy of the Gujarat State is followed for the admission.

OBJECTIVES:

- a. To enable the students to be innovative teacher and Educational Inspector.
- b. To enable the students to undertake or to take interest in research work in education.
- c. To equip the students for responsible positions in:
 1. Secondary/ Higher Secondary School.
 2. College of Education.
 3. Department of Education.
 4. PTC College and DIET.
- d. Institutions engaged in Educational Research, Education Planning, Educational Technology and Educational Administration.
- e. Educational Media Research Centre.

Edu.O-2

List of the Core Course of M.Ed Programme

- Course A001 Core-1: Fundamental Concepts of Educational Research
- Course A002 Core-2: Psychology of Learning & Development
- Course A003 Core-3: Educational Studies
- Course A004 Core-4: Methods of Educational Research
- Course A005 Core-5: Philosophy of Education
- Course A006 Core-6: Perspectives in Teacher Education
- Course A007 Core-7: Library Resources and Tools & Techniques in Educational Research
- Course A008 Core-8: Sociology of Education
- Course A009 Core-9: Treatment of Data & Research Report Writing

List of the Group Course of M.Ed. Programme

- B-101 Childhood Education
- B-102 Higher Education
- B-103 Inclusive Education
- B-104 Elements of Bhartiya Chintan

Group-A : Elementary Education

- B-105 Issues and Challenges in Primary Education
- B-106 Pedagogy of Curriculum in Primary Education
- B-107 Education Management and Organization in Primary Education

Group-B : Secondary Education

- B-108 Issues and Challenges in Secondary Education
- B-109 Pedagogy of Curriculum in Secondary Education
- B-110 Educational Management and Organization in Secondary Education

List of the Elective Course of M.Ed. Programme

- C-101 Curriculum Studies and Education
- C-102 ICT in Education
- C-103 Guidance & Counseling
- C-104 Special Education
- C-105 Inferential Statistics
- C-106 Educational Administration and Leadership
- C-107 Pedagogy of Curriculum and Assessment

List of the Optional Course of M.Ed. Programme

- D -101 Historical, Political and Economical concerns of Education
- D-102 Application of Descriptive Statistics in Research
- D-103 Psychological Testing
- D-104 Educational Measurement & Evaluation

Edu. O. 3:

Any graduate who has taken the degree of Bachelor of Education of this University or of another University recognized as equivalent to be admitted to the M.Ed. Program of the university , after having fulfilled the requirements as laid down by the University and NCTE.

Edu. O 4 : THE COURSES FOR M.Ed PROGRAM

- The courses for the M.Ed. program are divided in five parts.
 - Part 1. Semester – 1
 - Part 2. Semester – 2
 - Part 3. Semester – 3
 - Part 4. Semester – 4
 - Part 5. Dissertation and other assignment works

(All the assignment works and work related to preparation of dissertation are divided in four semesters equally)

M.Ed. Semester – 1

Course No.	Course	Inst. H/W	Credit	Total		
	Core Courses (Perspective)			Internal	External	Total
A 001	Core-1: Fundamental Concepts of Educational Research	4	4	30	70	100
A 002	Core-2: Psychology of Learning & Development	4	4	30	70	100
A 003	Core-3: Educational Studies	4	4	30	70	100
Optional Courses - Any One group of the Following						
D 101	Historical, Political and Economical concerns of Education	4	4	30	70	100
D 102	Application of Descriptive Statistics in Research	4	4	30	70	100
D 103	Psychological Testing	4	4	30	70	100
D 104	Educational Measurement & Evaluation	4	4	30	70	100
Practical, projects and other Assignment work						
E 501	Preparation of Research Proposal	1	1	25	-	25
E 502	Dissertation Guidance	2	2	50	-	50
E 503	Library Work	2	2	50	-	50
E 504	Seminar	1	1	25	-	25
E 505	Symposium	1	1	25	-	25
Total		07	07	175	-	175
Inter Semester Break						
E 506	Communication Skill Expository Writing	1	1	25	-	25
E 507	Self Development	1	1	25	-	25
Total		2	2	50	-	50

*** Note:**

- Total workload for theory is approximately 48 working days. Total minimum hours for theory is 240 hours and total credit for theory is 16 (For Theory 1 hour is assigned per week per credit)
- Total Practical work is of 52 days (total minimum hours for practical is 260 hours for (07 + 02) 09 credits. (For practical 2 hours is assigned per week per credit.)
- For Inter Semester Break (ISB) of two Week (12 days) duration students has to earn 2 credits.
- Total Credit for Semester-I is 25.

M.Ed. Semester – 2

Course No.	Course	Inst. H/W	Credit	Total		
	Core Courses (Perspective)			Internal	External	Total
A 004	Core-4: Methods of Educational Research	4	4	30	70	100
A 005	Core-5: Philosophy of Education	4	4	30	70	100
A 006	Core-6: Perspectives in Teacher Education	4	4	30	70	100
Elective Courses (Any One of the Following Paper)						
C 101	Curriculum Studies and Education	4	4	30	70	100
C 102	ICT in Education	4	4	30	70	100
C 103	Guidance and Counseling	4	4	30	70	100
C 104	Special Education	4	4	30	70	100
Practical, projects and other Assignment work						
E 508	Seminar	-	1	25	-	25
E 509	Workshop	-	1	25	-	25
E 510	Visit to Special School	-	1	25	-	25
E 511	Preparation of Tool	-	1	25	-	25
E 512	Review of Previous Researches	-	1	25	-	25
Total			5	125	-	125
Inter Semester Break						
E 513	Internship (2 Week)	-	2	50	-	50
E 514	Dissertation Work	-	2	50	-	50
Total		-	4	100	-	100

*** Note:**

- Total workload for theory is approximately 48 working days. Total minimum hours for theory is 240 hours and total credit for theory is 16 (For Theory 1 hour is assigned per week per credit)
- Total Practical work is of 52 days (total minimum hours for practical is 260 hours for (07 + 02) 09 credits. (For practical 2 hours is assigned per week per credit.)
- For Inter Semester Break (ISB) of two Week (12 days) duration students has to earn 4 credits.
- Total Credit for Semester-II is 25.

M.Ed. Semester – 3

Course No.	Course	Inst. H/W	Credit	Total		
	Core Courses (Perspective)			Internal	External	Total
A 007	Core-7: Library Resources and Tools & Techniques in Educational Research	4	4	30	70	100
A 008	Core-8: Sociology of Education	4	4	30	70	100
Specialization of Group Courses (Any One)						
B 101	Childhood Education	4	4	30	70	100
B 102	Higher Education	4	4	30	70	100
B 103	Inclusive Education	4	4	30	70	100
B 104	Elements of Bhartiya Chintan	4	4	30	70	100
Any One of The Following Elective Course						
C 105	Inferential Statistics	4	4	30	70	100
C 106	Educational Administration and Leadership	4	4	30	70	100
C 107	Pedagogy of Curriculum and Assessment	4	4	30	70	100
Practical, projects and other Assignment work						
E 515	Seminar to Enhance Special Skills	-	1	25	-	25
E 516	Case Study		1	25	-	25
E 517	Educational Visit	-	1	25	-	25
E 518	Library Work	-	1	25	-	25
E 519	Field Visit and Data Collection	-	1	25	-	25
E 520	Academic Writing	-	2	50	-	50
Total			07	175	-	175
Inter Semester Break						
E 521	Dissertation Guidance	-	2	50	-	50
Total		-	09	50	-	50

*** Note:**

- Total workload for theory is approximately 48 working days. Total minimum hours for theory is 240 hours and total credit for theory is 16 (For Theory 1 hour is assigned per week per credit)
- Total Practical work is of 52 days (total minimum hours for practical is 260 hours for (07 + 02) 09 credits. (For practical 2 hours is assigned per week per credit.)
- For Inter Semester Break (ISB) of two Week (12 days) duration students has to earn 2 credits.
- Total Credit for Semester-III is 25.

M.Ed. Semester – 4

Course No.	Course	Inst. H/W	Credit	Total		
	Core Courses (Perspective)			Internal	External	Total
A 009	Core-9: Treatment of Data & Research Report Writing	4	4	30	70	100
Specialization of Group Courses (Any One from Group-A or Group-B)						
Specialization for Elementary Education (Any Two from Group-A)						
B 105	Issues and Challenges in Primary Education	4	4	30	70	100
B 106	Pedagogy of Curriculum in Primary Education	4	4	30	70	100
B 107	Education Management and Organization in Primary Education	4	4	30	70	100
OR						
Specialization for Secondary Education (Any Two From Group-B)						
B 108	Issues and Challenges in Secondary Education	4	4	30	70	100
B 109	Pedagogy of Curriculum in Secondary Education	4	4	30	70	100
B 110	Educational Management and Organization in Secondary Education	4	4	30	70	100
Practical, projects and other Assignment work						
E 522	Workshop	-	2	50	-	50
E 523	Visit to Infflibnet, Central Lib., Resource Centers	-	1	25	-	25
E 524	Visit to Educational Institute	-	1	25	-	25
E 525	Organization of Workshop/Seminar	-	2	50	-	50
E 526	Presentation of Synopsis in seminar	-	1	25	-	25
E 527	Dissertation & Viva	-	6	-	150	150
Total			13	175	150	325

*** Note:**

- Total workload for theory is approximately 36 working days. Total minimum hours for theory is 180 hours. and total credit for theory is 12 (For Theory 1 hour is assigned per week per credit)
- Total Practical work is of 64 days (total minimum hours for practical is 320 hours for 13 credits. (For practical 2 hours is assigned per week per credit.)
- Total Credit for Semester-IV is 25.

****** For the purpose of calculation of grades, credit earned for the theory papers shall only be considered, however, students are required to complete all the assignments and submission works for the award of M. Ed. degree.

Edu.O-5: Grade Conversion Table

Grade	Percentage	Class
A+	80-100	1 st with Distinction
A	66-79	1 st with Distinction
B+	60-65	1 st
B	50-59	2 nd
C+	40-49	FAIL
C	25-39	FAIL
D	24 and less than 24	FAIL

Note: The credit shall be considered only in whole numbers. Any Conversion of the percentage into the credit which is greater than and equal to 0.5 credit shall be considered as 1 (One) on the counter part less than 0.5 credits shall not be considered.

Edu. R. 1:

A candidate desirous to appear for the M.Ed. Examination shall be allowed to do so if,

- He/ she is a full-time student and has undergone a regular course of study in an institution recognized for the purpose, for two academic year after passing the B.Ed. Examination.
- the student has remained present in the institution for 80% of the total working days (including days of internship, workshops, seminars, but excluding of the days of terminal and other examinations) during the period of program.

Edu. R. 2:

- The M.Ed. Program consists of a total of nine core papers distributed in Semester I to IV and two optional papers in each of the semesters as shown in Edu. O 4. and a dissertation of 150 marks (Including Viva Voce of 50 marks based on dissertation).

Edu. R. 3:

The dissertation shall be on an educational topic approved by the University. The student has to get his/her topic of the dissertation approved from the university within a 2 month from the date of commencement of the program in the respective year. Such approval should normally be communicated from the university to the student before the end of October of the respective year. If a topic/subject selected by a student is not approved, he/she will have the liberty to select another topic/subject, provided a topic/subject is not approved **before Registration**. Without approval of the topic of a dissertation, student will not be registered as a Post Graduate student.

Edu. R. 4:

University teacher, the recognized post-graduate teacher or an assistant Post-graduate teacher shall guide the student(s) for the M.Ed. Dissertation for at least one hour per week in both the semesters. Consent of the guiding teacher must be taken by the institution for dissertation guidance to the student(s). The guiding hour shall be considered as equal to one teaching hour for the purpose of calculation of teaching workload.

Edu. R. 5:

- i. There will be one internal examination in each semester and the student has to obtain at least 40% marks in all the courses, i.e. Core and optional courses and 50% in aggregate of the marks, otherwise he/she will not be allowed to appear in final examinations of the said semester.
- ii. End Semester examination (Final Examination) will be held by the university.
- iii. If the student gets less than 40% of the marks in any of the Core or optional courses and/or has secured less than 50% marks in aggregate in final examinations of First/second/third Semester held by the university, he/she will have to clear first/second/third semester examinations along with Second/third/forth Semester examinations respectively, to get the degree of M. Ed.
- iv. Students appearing for the M.Ed. Examination should submit his or her dissertation one month before the commencement of the final examinations of forth Semester. Affiliated colleges are required to submit the dissertations of students registered with them, to the Department of Education. Student(s) will not be allowed to appear in the final examinations of forth semester, without submission of his or her dissertation.

Edu. R. 6:

One Soft copy and two hard copies of the dissertation and two copies of synopsis of the dissertation are to be submitted one month before the commencement of forth semester University Examination, to the Department of Education, Gujarat University, Ahmedabad, in type-written or printed form.

Edu. R. 7:

The core courses, group courses, elective courses, and optional courses for M.Ed. Program are listed here.

MASTER OF EDUCATION (M.Ed.): Full time Program

(In Force from June, 2015)

The purpose of the M.Ed. program is to prepare learners for higher level functions in the field of education including teacher education, who have a broad understanding of all the contemporary concerns of education.

List of the Core Course of M.Ed Programme

- Course A001 Core-1: Fundamental Concepts of Educational Research
- Course A002 Core-2: Psychology of Learning & Development
- Course A003 Core-3: Educational Studies
- Course A004 Core-4: Methods of Educational Research
- Course A005 Core-5: Philosophy of Education
- Course A006 Core-6: Perspectives in Teacher Education
- Course A007 Core-7: Library Resources and Tools & Techniques in Educational Research
- Course A008 Core-8: Sociology of Education
- Course A009 Core-9: Treatment of Data & Research Report Writing

List of the Group Course of M.Ed. Programme

- B-101 Childhood Education
- B-102 Higher Education
- B-103 Inclusive Education
- B-104 Elements of Bhartiya Chintan

Group-A : Elementary Education

- B-105 Issues and Challenges in Primary Education
- B-106 Pedagogy of Curriculum in Primary Education
- B-107 Education Management and Organization in Primary Education

Group-B : Secondary Education

- B-108 Issues and Challenges in Secondary Education
- B-109 Pedagogy of Curriculum in Secondary Education
- B-110 Educational Management and Organization in Secondary Education

List of the Elective Course of M.Ed. Programme

- C-101 Curriculum Studies and Education
- C-102 ICT in Education
- C-103 Guidance & Counseling
- C-104 Special Education
- C-105 Inference Statistics
- C-106 Educational Administration and Leadership
- C-107 Pedagogy of Curriculum & Assessment

List of the Optional Course of M.Ed. Programme

- D -101 Historical, Political and Economical concerns of Education
- D-102 Application of Descriptive Statistics in Research
- D-103 Psychological Testing
- D-104 Educational Measurement & Evaluation

STANDARD OF PASSING**Edu. R. 8:**

- i. To pass the final examinations of First Semester, a student is required to pass separately in each of the Core and Optional Courses. The student has to get at least 40% marks in each course and 50% marks in aggregate.
- ii. If the student is unable to pass the final examinations of first semester, he/she will be allowed to join second semester but he/she has to reappear in final examinations of first semester along with the final examinations of second Semester. Similarly, for the second semester and third semester, he will allowed to move in the next Semester. However, the result of the forth semester will not be declared till the student passes all the courses of previous semesters i. e semester I to III .
- iii. If the student is unable to pass one or all the courses, he/she will have to reappear in the examination to pass that/those course/courses, where he/she has scored less than 40% marks in such course/courses and /or if the student has scored less than 50% marks in aggregate, he/she is required to reappear in all the courses of that semester.

- a. The class of passing and grade obtained in examinations will be given by combining the marks obtained by the students in all the end semester final examinations (Semester I to IV) held by the university.
- b. No class will be awarded in the mark sheet of semester I to III examination, however, SGPA shall be calculated for the same.
- c. CGPA will be calculated after clearing all the courses of semester I to IV and the grades/class shall be awarded on the basis of following table.

Marks obtained out of 700	Grade	Percentage of marks obtained	Class
560 and more	A+	80-100	1 st with Distinction
462 to 559	A	66-79	1 st with Distinction
420 to 461	B+	60-65	1 st
350 to 419	B	50-59	2 nd
280 to 349	C+	40-49	Reappear in the examinations
175 to 279	C	25-39	
174 and less	D	24 and less than 24	

- d. In case, student applies for rechecking or reassessment for any of the courses and there is increase in marks, he/she will not be considered for any university award.
- iv. To pass the final examinations of Forth Semester, a student is required to pass separately in each course and dissertation. Student has to get at least 40% marks in each of the Core, Group, Elective and optional Courses and at least 50% marks in dissertation separately in both dissertation assessment and viva voce examination and 50% marks in aggregate.
- v. If the student is not able to pass the examination of the forth semester, he/she will be given two more chances to appear in the final university examinations of the forth Semester in next two subsequent years. If he/she is not able to pass the examination within four years after registration, he/she has to reregister him/her self and redo his/her study from the first semester.
- vi. The M. Ed. Degree will be awarded after successful completion of the forth Semester examination.
- vii. **Edu. R. 8 –i/ii/iii/iv/v/vi** will again be applicable to the student, who will get readmission, from the commencement of the course..

Edu. R. 9 :

If a candidate passes in the dissertation but fails in aggregate, the marks obtained by him/her in the dissertation shall be carried forward to subsequent year or years. If a candidate passes in the aggregate and fails in the dissertation, the marks obtained by him/her in the courses shall be carried forward to subsequent year or years and he/she has to submit a new dissertation on a topic other than selected earlier by the student. If a candidate fails in aggregate in the examination held at the end of First Second, third or fourth Semester, he / she may be exempted from appearing in the examination of such course/courses, where he/she has secured at least 50 percent marks.

Candidates whose marks are carried forward under this regulation shall be declared to have passed the examination and shall not be eligible for any University awards.

CBCS

M.Ed. SYLLABUS

SEMESTER - I

Note:

1. In this semester all the course carries of four units.
2. Transaction time for each unit is nearly about 15 hours and total time is nearly about 55-60 hours.
3. Evaluation Weightages for each unit is 25%.

Course No A001
Semester – 1
M.Ed. Core Course – I
FUNDAMENTAL CONCEPTS OF EDUCATIONAL RESEARCH

Objectives:

To enable student to understand

1. The meaning of research, characteristic, Need & Importance and types of research in education and its implications for educational research.
2. The characteristics of Philosophical, Psychological and Sociological researches in education.
3. The different steps of Educational Research.
4. Various steps in the research processing
5. The techniques of developing a research proposal.
6. The meaning of techniques of research hypothesis & Sampling.
7. Various type of Hypothesis and their testing

Unit – 1: Research in Education

1. Meaning of Research & Educational Research
2. Characteristic of Educational Research
3. Need & importance of Educational Research
4. Types of Research
 - ✓ Basic, Applied and Action research.(Meaning, characteristic and Limitation for each types)
5. Importance of Educational Research for Teachers
6. Ethical Considerations in Educational Research.

Unit – 2 : Steps in the research process

1. Identifying the problem
2. Objectives and Hypothesis or Research Question
3. Reviewing related Literature
4. Variables :
 - a) Identification
 - b) Types : Dependent, Independent, Control, Moderate, Intervening
 - c) Operational Definitions
 - d) Manipulating
 - e) Controlling
5. Methods of research
6. Sampling procedure
7. Tools to be used and preparation there of
8. Data collection
9. Statistical analysis and interpretations
10. Writing a research report

Unit – 3: Selection of Research Problem and Drafting the Proposal

1. Sources of research problem
2. Characteristics of a good research problem
3. Criteria used in selecting the problem
4. Narrowing the range of the problem
5. Drafting a research proposal

Unit – 4 : The Research Hypothesis and Sampling Techniques

4A : The Research Hypothesis

1. Meaning, Types and Forms of Hypothesis
2. Criteria for construction and Evaluation of Hypothesis
3. Involving variables in hypothesis
4. Testing Hypothesis
 - a) Parametric methods
 - b) Non parametric methods
5. Criteria for accepting or rejecting hypothesis

4B: Sampling Techniques

1. Meaning of Population and Sample
2. Importance of sampling
3. Characteristics of a good sample
4. Size and appropriateness of sample
5. Sampling techniques :
 - a) Probability samples : Simple random sampling, stratified random sampling, systematic sampling, cluster sampling
 - b) Judgment samples : Incidental sampling, Purposive sampling, Quota sampling
 - c) Other sampling techniques : Sampling by pairs, double sampling, sequential sampling, snow ball sampling
6. Advantages and limitations of different types of sample
7. Sampling errors and non-sampling errors

Suggested Practical Work:

1. Identify Suitable research problem for your dissertation work.
2. Prepare five reviews of previous dissertation work and present in your group.
3. Prepared the research proposal for your research problem and present in Seminar.

Reference Books:

1. Best, John W. (2005): Research in Education (10th ed.) Englewood Cliffs N.J.: Prentice Hall, Inc.
2. Borg, W.R. & Gall M.D. (2006): Educational Research – An Introduction (8th ed.) New York; Longman Inc.
3. Burroughs, G.E.R. (1975): Design and Analysis in Educational Research (2nd ed.) Oxford: Alden & Mow bray Ltc.
4. Bruce W. (2012) : Conducting Educational; Research New York : McGraw Hill Book Co.
5. Gephart W.J. & Ingle, R. B. (1969) : Educational Research (Selected Readings)
6. Gilbert, S. (1979) : Foundations of Educational Research Englewood, Cliffs, New Jersey : Prentice Hall Inc.
7. Hyman H.H.(1955) : Survey : Design and Analysis Principles, Cases, Procedures New York : The Free Press

8. Kerlinger F.N. (1999) : Foundations of Behavioral Research (4th ed.) Educational & Winston Inc.
9. Koul Lokesh (2009) : Methodology of Educational Research (4th ed): New Delhi: Vani Educational Book.
10. Levin, J. (2009): Elementary statistics in Social Research (11th ed.): London, Pearson.
11. Lynch, M.D. & Huntsberger, D.V. (1976) : Elements of Statistical Inference for Education and Psychology, Allyn and Bacon Inc.
12. Rummel J.F. (1964) An Introduction to Research Procedure in Education (2nd ed.)
13. Sharma R.A. (1984): Fundaments of Educational Research, Meerut: Loyal Bool Depot.
14. Sukhia S.P., Mehrotra R.N. (1990-91): Element of Educational Research (5th ed.) Agra: Vinod Pustak Mandir.
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16. Tuckman B.W. (2012): Conduction Educational Research (6th ed.) New York: Harcourt Brace Jovenovich Inc.
17. Van Dalen D.B., Meyer, William, J. (1979): Understanding Educational Research – An Introduction, New York: McGraw Hill Book Co.
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21. Patel, R.S.: February- 2012 Statistical Techniques for Data Analysis, (For all disciplines) (International Version), First Edition, LAP LAMBERT Academic Publishing GmbH & Co. KG Dudweiler Landstr. 99, 66123 Saarbrücken, Germany.
22. Patel, R.S. : November-2011 Research Handbook, (For all disciplines) (International Version), First Edition, LAP LAMBERT Academic Publishing GmbH & Co. KG Dudweiler Landstr. 99, 66123 Saarbrücken, Germany.
23. Desai H.G. (1979) : Style Manual For Dissertation / Theses Rajkot, Saurashtra University.

Course No A002
Semester – 1
M.Ed. Core Course– II
PSYCHOLOGY OF LEARNING & DEVELOPMENT

Objectives:

1. Students understand the nature of human development
2. Develop a view to study development in different areas
3. Frame Indian perspectives on human nature and development
4. Understand learning as a process and factors affecting it.
5. Connect learning and living in the contemporary times

Unit-1 Major Theories of Human Development

1. Concept and Types of Human Development
 - (i) Growth and development (meaning, stages and principles)
 - (ii) Types of development: emotional, social, intellectual, normal
 - (iii) Implication for education
2. Themes in the study of human development
 - (i) Nature of Nurture
 - (ii) Active or Passive
 - (iii) Continuity or Discontinuity
 - (iv) Holistic development
3. Viewpoints in human development
 - (i) Erikson: Significant events and social influences
 - (ii) Piaget: Four stages of cognitive development
 - (iii) Donald Hebb: Left brain, right brain learning

Unit-2 Bhartiya Thinking on Human Development

1. Development of Panchkosh
2. Need for extinction of mind
3. Nature and development of three gunas: Satva, Rajas & Tamas
4. Ashtang Marg for Holistic development

Unit-3 Understanding Learning as a Process

1. Analysis of definitions and concept of learning (from behaviorism to Information Processing)
2. Factors affecting Learning: interest, attention, anxiety, learning styles, self-efficacy
3. Learning and Motivation: concept, Maslow's theory and implications

Unit-4 Dimensions of Learning in 21st century

1. Competences for 21st century
2. Co-Learning to be: Self-awareness
3. Learning to live together: Empathy
4. Learning to learn: meta-cognition

Suggested Practical Work:

1. To organize seminar on Current topic of educational psychology.
2. Take Visits of Psychological lab and get skills use of all equipments.
3. To prepare any one tool on cognitive or Emotional Intelligence or self-efficacy and it's administered on five Students.

4. Conducting case study on one student who has difficulties in learning in primary years.
5. Preparation of learners profile based on cognitive and non-cognitive characteristics in order to depict individual differences at primary or secondary stage.

Reference Books:

1. Ahlawat Neeta (2010) Development of Psychology Jaipur, RBSA Publishers.
2. Coon Rennis and Mittere J. O. (2007) Introduction to Psychology UK, Thomas press.
3. S.S. Mathus (2012) Education Psychology Agra, Agrawal Publications.
4. B. R. Hergenhahn and Matthew H. Olson (2008) An introduction to Theories of Learning New Delhi, Prentice Hall of India.
5. Morgan, C.T. (1961) Introduction to Psychology McGraw Hill, New York
6. S. S. Chauhan (1978) Advanced Educational Psychology New Delhi, Vikas Publishing House.
7. Driscoll, M. (1994) Psychology of Learning for Instruction Needham Heights, Allyn and Bacon.
8. S.S. Srivastav (ed.) (2007) Bhartiya Shiksha Manovignnan Lakhnow, Bhartiya Shiksha Shodh Sansthan (In Hindi)
9. નનુભાઈ દોંગા (૨૦૧૨) અધ્યાપન મનોવિજ્ઞાનમાં નવી દિશાઓ રાજકોટ, નિજિજન સાયકો સેન્ટર.
10. S. K. Mangal (2008) Advanced Educational Psychology New Delhi, PHI Learning Private Ltd.
11. Wilson, A.R., Rockbeck, M.C. & Micheal, N.B. (1979) Psychological Foundations of Learning and Teaching Mc Grand Hill, New York.
12. દીપક મેહતા (અનુ.) શિક્ષણ ભીતરનો ખજાનો અમદાવાદ, ગુજરાત ગ્રંથ નિર્માણ બોર્ડ.

Course No A003
Semester – 1
M.Ed. Core Course – III
EDUCATIONAL STUDIES

Objectives: To enable students understand

1. The meaning, aims, purposes of education
2. The philosophical, sociological and historical dimensions of education.
3. To identify and question one's own long-established presumptions on knowledge, learner, teacher, and education, and develop a more informed, meaningful understanding of them
4. Divergent educational thoughts, perspectives and practices, which will help them in creating secure, egalitarian and pedagogically sound learning situations
5. The capacity to establish peace within oneself.
6. The capacity to establish harmony within a group and methods of conflict resolution.
7. The meaning of leadership and develop attitudes and skills of a catalyst.
8. The basis of social disharmony, the factors those contribute to it and ways to facilitate change.

Unit 1 Conceptualizing Education

1. Education as Human Development (Indian and Western View)
2. Education as Para and Apra Vidya
3. Criteria of Education
4. A view of Futuristic Education

Unit 2 Analysis and Interpretation of Detritions of Education, Learning and Teaching

1. Philosophical
2. Sociological
3. Psychological
4. Technological
5. Towards a holistic discussion of Education

Unit 3 Global Trends in Education

1. Globalization and Education
2. Liberalization, democracy and Education
3. Privatization, market and Education
4. Localization and Education

Unit 4 A critical view on Education through selected Documents

1. Shikshavalli of Taitiriyā Upanishad
2. Basic Education Draft
3. Macaulay's Minutes / Letter to a teacher by Lincoln
4. MDG / NCF

Suggested Practical Work:

1. Readings of original texts of Rabindranath Tagore/M.K. Gandhi/Sri Aurobindo/John Dewey/J. Krishnamurthy (any one). And presentation on various innovative concepts in the context of teaching-learning in schools followed by group discussion.
2. Assignments based on self-study on identified themes such as policy perspectives and status of education of socio-economically disadvantaged children of Gujarat State, vision of school education in India.

Reference Books:

1. Tom Burns (2008) Essential Skills, Sage Publication, USA
2. Valsa Koshy (2009) Action Research for Improving Educational Practice, Sage Publication, USA
3. Graig A. Martier (2008) Action Research Teaches as Researchers in the Classroom
4. Micheal Papa and Wendey H. Papa (2005) Sage Publication, USA
5. Rohan Samarjan & Ayesha (2007) ICT Infrastructure in Engaging India, Sage Publication, USA
6. Pritam Sing & Subir Kerva (2010) Organizing and Managing in the era of Globalization, Sage Publication, USA
7. Rastogi, P.N., (2009) Management & Technology and innovation, Sage Publication, USA
8. Sunil Unny Guptan (2007) Meandering A Practiceners Guide, Sage Publication, USA
9. Power, K.B. (2000)(Editor) Higher Education for Human Development(AIU-New Delhi)
10. Nagraj, Manav Vyavahar Darshan (Hindi) Divya Path Sansthan, Amarkantak.
11. Nagraj, Vyavaharvadi Samajshastra (Hindi) Divya Path Sansthan, Amarkantak.
12. A Nagraj, 1998, *Jeevan Vidya ek Parichay* Divya Path Sansthan, Amarkantak.
13. Antoine de Saint-Exupery. (1977). The Little Prince. London, UK: Wordsworth Edition Translated by Irene Testot-ferry (available in Hindi).
14. Dalal, A.S. (2001). Our Many Selves. Pondicherry India: Sri Aurobindo Ashram.
15. Harmpal: Collected Writings Vol. III, The Beautiful Tree (Indigenous Indian Education in the Eighteenth Century), Other India Press, Mapusa Goa. (Gujarati/ Hindi Translation is available with the title: RALIYAMNU VRUKSHA Punarutthan Trust,9/B, Anannd Park, Baliyakaka Marg, Juny Dhor bazar, Kankariya, Ahmedabad- 28)
16. Frankl, V. (1946). Man's Search for Meaning New York: Pocket Books.
17. Joshi, K. (ed) (2005). The Aim of Life. Auroville India: Saiier.
18. Krishnamurti, J. (1953). Education and the Significance of Life Ojai, California, USA: Krishnamurti Foundation Trust.
19. NCERT, (2006). Education for Peace Position Paper. New Delhi: NCERT.
20. R R Gaur, R Sangal, G P Bagaria, 2009, A Foundation Course in Value Education.
21. Walk with Me: A Guide for Inspiring Citizenship Action. (2006). New Delhi: Pravah Pub.

Course No. D101
Semester – 1
Optional Course: D-101
HISTORICAL, POLITICAL AND ECONOMICAL CONCERNS OF EDUCATION

Objectives: To enable students understand

1. Growth and development of Education in various period of time.
2. Concept, ideas, aims, objectives methods, status of women education, reports of various commissions and the relevance.
3. Concept of economics of Education
4. Importance and relation between Education and Economic Development and cost benefit analysis.

Unit: 1 EDUCATION IN BRAHMANIC, BUDDHIST PERIOD AND MEDIEVAL PERIOD

1. Aims and objectives of Education
2. Teacher student relationship and their duties.
3. Curriculum, methods of teaching- Maktab and Madrasa
4. Relevance to the present day education.

Unit: 2 EDUCATION - A HISTORICAL VIEW

1. Growth and development of Education under East India Company: Major aspect
2. Roots of Indian higher education: zone historical
3. Higher Education after independence major approach of UGC act 1956
4. Sadler Commission 1917-19, Sargent Report 1943-44

Unit: 3 ECONOMICS OF EDUCATION: INTRODUCTORY CONCEPT

1. Economic Thoughts on Education: Classical, Neo-Classical and Modern
2. Concept, Need, and Scope of Economics of Education
3. Relationship between Education and Economics, Education as Industry: A critical analysis
4. Education as an Economic Good, Education as Consumption and Investment

Unit: 4 EDUCATIONS, ECONOMIC DEVELOPMENT AND COST-BENEFIT ANALYSIS

1. Concept and Importance of Human Capital, Education and Human Capital Formation
2. Contribution of Education to Economic growth: Critical and Empirical Analysis, Social and Private Cost, Opportunity Cost and Unit Cost
3. Direct (Social & Private) and Indirect benefits of Education (spill-over and externalities)
4. Cost Benefit Analysis of Education and Criteria for Financing Education

Suggested Practical Work:

1. Prepare an exhibition on history of education.
2. Conduct an action research / comparative research to find out unit cost in Education.

Reference Books:

1. Agrawal, J.C: *Land Marks in the History of Modern Indian Education* New Delhi
2. Brubacher, John.S: *A History of the Problems of Education Education and National Development: Report of the Kothari Commission on Education* New Delhi, 1966.
3. Dharmpal: *Collected Writings Vol. III, The Beautiful Tree (Indigenous Indian Education in the Eighteenth Century)*, Other India Press, Mapusa Goa. (Gujarati/ Hindi Translation is available with the title: *RALIYAMNU VRUKSHA* Punarutthan Trust,9/B, Anannd Park, Baliyakaka Marg, Juny Dhor bazar, Kankariya, Ahmedabad- 28)
4. Keay,F.E: *Indian Education in Ancient and later Times*
5. Mookerji, R.S: *Ancient Indian Education*,
6. Mukerji, S.N: *History of Education in India- Modern period* Acharya Book Depot; Baroda
7. Nurulla & Naik: *A students History of Education in India*
8. Pandey, R.S: *Development of Indian system of Education*
9. Rawat, P.L: *History of Indian Education*, Agra

(For Economics of Education)

1. Ansari, M.M., (1987) *Education and Economic Development* New Delhi, AIU Publication.
2. Blaug Mark (1987) *Economics of Education & the Education of an Economist* New York, University Press.
3. Blaug Mark, (1980) *An Introduction to Economics of Education* England, Penguin Books Ltd.
4. Garg, V.P. (1985) *The Cost Analysis in Higher Education* New Delhi, Metropolitan Book Co.,.
5. Harbison & Myers (1968) *Education, Manpower and Economics growth* New Delhi, Oxford & IBH. (Indian Edition).
6. Kneller, G. F. (1968) *Education & Economic Growth* New York, John Wiley.
7. Nagpal C.S. & Mittal A.C. (eds)
8. Pandit, H. N (1969) *Measurement of cost Productivity & Efficiency of Education* New Delhi, NCERT.
9. Prakash Sri. & Choudhury, S. (1994) *Expenditure on Education: Theory, Models and Growth* New Delhi, NIEPA.
10. Pscharo Pulos, G. & Woodhall, M (1985) *Education for Development- An Analysis of Investment choices* London, World Bank Publisher.
11. Schultz, T. W (1963) *The Economic Value of Education* Columbia, Columbia University Press.
12. Sethi, Vinita (1997) *Educational Development and Resource Mobilization* New Delhi, Kanishka Publication.
13. Sodhi, T. S. (1978) *Education and Economics Development* Ludhiana, Mukand Publications.
14. Tilak, J.B.G. (1987) *Economics of Inequality in Education* New Delhi, Sage Publications.
15. Vaizey John (1962) *Economics of Education* London, Faber & Faber.
12. Pscharo Pulos, G. & Woodhall, M (1985) *Education for Development- An Analysis of Investment choices* London, World Bank Publisher.

13. Schultz, T. W. (1963) *The Economic Value of Education* Columbia, Columbia University Press.
14. Sethi, Vinita, (1997) *Educational Development and Resource Mobilization* New Delhi, Kanishka Publication.
15. Sodhi, T. S. (1978) *Education and Economics Development* Ludhiana, Mukand Publications,.
16. Tilak, J.B.G. (1987) *Economics of Inequality in Education* New Delhi, Sage Publications.
17. Vaizey John (1962) *Economics of Education* London, Faber & Faber.

APPLICATION OF DESCRIPTIVE STATISTICS IN RESEARCH

Objectives: To enable students understand

1. The scope and application of educational statistics.
2. To acquire oneself with statistical theories and its application in Educational Research.
3. To appropriate the role of parametric and non-parametric statistics in various types of educational research.
4. The importance of educational statistics and its relationship with educational research.

Unit – 1 Introduction and Descriptive Measures of Statistics

- a. Measures, Scales, Nominal, Ordinal, Interval, Ratio : Scales of Measurement
- b. Graphical representation, Histogram, Frequency polygon, Smoothed frequency, Cumulative frequency graph
- d. Measures of central tendency Mean, Median, Mode, Combined Mean, Merits and demerits with calculation
- e. Measures of variability
 - 1) Range, Quartile deviation, Mean deviation, Standard deviation, Combined standard deviation
 - 2) Shepherd's correction
 - 3) Co-efficient of variation
 - 4) Merits and demerits and uses

Unit – 2: Norms and Probability

a) Norms

Percentile, Percentile rank, Cumulative percentage curve or ogive, Use of percentile and percentile rank in establishing norms, Limitations of percentile and percentile rank, Standard scores meaning, Types, Calculation and its uses

b) Normal probability curve

Probability, Equation of normal probability curve, Skewness and kurtosis of N.P.C., Uses of N.P.C. (with computation)

Unit – 3: Correlation & Regression

Meaning, Methods to calculate correlation, Interpretation of co-efficient of co-relation method of correlation- Karl Pearson's method. Meaning of regression, Regression line, Regression equation, Prediction, Standards error, Co-efficient of alienation

Unit – 4: Statistical inference

- 1) Significance of mean, Standard error, Confidence interval, Degrees of freedom, Sampling distribution, Significance of median, Standard Deviation, Percentage and correlation of sampling testing of hypothesis
- 2) α error and β error, Significance of mean difference, C.R., One tailed and two tailed tests, Significance difference of median, Significance difference of Co-efficient of co-relation and percentage

Suggested Practical Work

1. Prepare a critical assessment of statistical techniques used in a research report Preparation of graphic designs of data obtained in a research study.
2. Collect the result of two classes and apply mean and SD on this data and prepared a comparative report.
3. Prepare the percentile rank and T-Score of above collected data and compare them

Reference Books:

1. Blommers, Paul and Lindquist (1965): Elements Statistical Methods University of London press ltd.
2. Dowine N.M., R.W. Heath (1970): Basic Statistical Methods New York (3rd ed.) Harper & Row.
3. Edwards, A.L. (1963): Statistical Methods of Behavioral Science New York: Hall, Rinherth and Winston.
4. Ferguson, G.A.(1989): Statistical Analysis in Psychology and Education (6th ed.) New York: McGraw Hill & Co. Inc.
5. Garrett, H.E. (2005): Statistics in Psychology and Education Bombay: Allied Pacific Pvt. Ltd.
6. Guilford J.P. (1965): Fundamental Statistics in Psychology and Education New York: McGraw Hill Co. Inch.
7. Lindquest, E.F. (1968): Statistical Analysis in Educational Research Oxford and IBH Publication Co.
8. Patel, R. S. (2009): Statistical Mehods for Educational Research Ahmedabad: Jay Publication
9. Patel, R.S.: (2012) Statistical Techniques for Data Analysis (International Version), LAP LAMBERT Academic Publishing GmbH & Co. Saarbrucken, Germany.
10. Siegel Sidney and N.J. Castdlan (1988): Non Parametric Statistic, New York: McGraw Hill Book Company.
11. ત્રિવેદી મનુભાઈ અને બી. યુ. પારેખ (૧૯૮૪) : શિક્ષણમાં આંકડાશાસ્ત્ર અમદાવાદ : યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ.
12. પટેલ આર. એસ. (૨૦૦૮)(દ્વિતીય આવૃત્તિ) : શૈક્ષણિક સંશોધન માટે આંકડાશાસ્ત્રીય પદ્ધતિઓ અમદાવાદ : જય પબ્લીકેશન.
13. પટેલ આર.એસ. (૨૦૦૬)ક, એમ.એડ. લઘુશોધ નિબંધ ના સારાંશ શિક્ષણશાસ્ત્ર ભવન, ગુજરાત યુનિવર્સિટી, અમદાવાદ
14. પટેલ આર. એસ. (૨૦૦૮)(દ્વિતીય આવૃત્તિ) : શૈક્ષણિક સંશોધન માટે આંકડાશાસ્ત્રીય પદ્ધતિઓ અમદાવાદ : જય પબ્લીકેશન.
15. પટેલ આર.એસ., એમ.એડ. લઘુશોધ નિબંધ ના સારાંશ શિક્ષણશાસ્ત્ર ભવન, ગુજરાત યુનિવર્સિટી, અમદાવાદ

Paper No. D103
Semester – 1
Optional Paper: D-103
PSYCHOLOGICAL TESTING

Objectives:

A student teacher will be able to;

- Understand the meaning and nature of Psychological testing underlying principles
- Know the process of test construction and test standardization
- Score tests and interpret results.
- Appreciate the need to have a wide range of test material in the school.
- To know the test standardization
- To know the statistical concepts of different test measurement

Unit 1 Introduction to Psychological Tests and Constructions and Standardization Test

- 1.1 The Meaning Nature and Definition of Psychological Testing
- 1.2 Types of Tests e. g. Individual vs. Group, Norm reference vs. Criterion referenced, Paper-Pencil test and performance test, etc.
- 1.3 Characteristics of a good test, Uses of Tests, Miss-use of Psychological Tests and Safeguards for avoiding misuses
- 1.4 Steps of Standardization :
 - Preparing a list of behaviors-trait selection (content of universe) • Item construction • Different try out of the tests and its objectives: Pro-Piloting, Piloting • To decide time factor • Item analysis • Finalization of Instruction • Internal consistency of items, etc. • Item analysis qualitative as well as quantitative • Item selection • Special factors to be considered in test-construction, format, time, administration, mode of answer, scoring, etc. • Sampling procedures – need and purpose, major types, sample for pilot studies, item analysis and final run. • Standardization of administration procedure for final run. • General procedure from the selection of traits to establishing reliability and validity.

Unit 2 Norm, Reliability and Validity of Standardized test:

- 2.1 Need and definition
- 2.2 Different types
- 2.3 Its estimation procedures
- 2.4 Pros and cons of each type
- 2.5 Relationship between Reliability & Validity

Unit 3 Testing of Intelligence, Achievement and Aptitudes:

- 3.1 Concept
- 3.2 Types of Intelligence, Achievement and Aptitudes:
 - Intelligence Test: (i) Group Test (ii) Individual Test (Concept, Advantages & Limitation of different types of test) and (1) Stanford Binet Adaptation, (2) Weschsler Adaptation
 - Achievement Test: Standardization and Constructed by teachers
 - Aptitudes Test: Multifactor Test Batteries: DAT, GATB, other tests of special abilities and professional aptitudes.
- 3.3 Uses of Intelligence, Achievement and Aptitudes
- 3.4 Information about tests available in Gujarati.

Unit 4 Measurement of Interest, Attitude and Personality:

- 4.1 **Measurement of Interest:**
 - Nature of Interest, kinds of interest, different approaches for the assessment of interest
 - Relation between interest and aptitude,
 - Kuder's and Strong's interest inventories

4.2 Measurement of Attitude:

- **Methods of constructing attitude scales:** Likert, Thurston and Guttman, Merit & Limitation of each method.

4.3 Measurement of Personality:

- Different views about the concept of personality.
- Different approaches for its measurement, rating scale, inventories.
- Projective techniques – information about Rorschach and TAT, Situational tests.
- Work done in Gujarati in the field of Personality Assessment, ESPQ, HSPQ, CPQ and 16PFQ

Suggested Practical Work:

1. To collect different psychological test.
2. To construct some question of one psychological test.
3. To find out the reliability and validity of the constructed test.
4. To apply that test into classroom.
5. To interpret that psychological test.

Reference Books:

- Anastasia A: Psychological Testing, New York, Macmillan Publishing Co. (7th ed.)
- Buros, E.K.(ed): The Seventh Mental Measurement Year Book Highland Park, N.J. Gryphon Press, 1972
- Cronbach, L.J.: Essential of Psychological Testing New York, Harper, (3rd ed.) 1982.
- Freeman, F.S.: Theory and Practice of Psychological Testing New Delhi: Oxford and IBH Co. 1980.
- Garrett, H.E.: Statistics in Psychological and Education Bombay: Vakils, Feffer and Simons Pvt. Ltd., 1985
- Helmstaller, G.C.: Principals of Psychological Measurement London: Methuen Co., Ltd. 1966
- Long, L. and Mehta, P.H.: The First Measurement Handbook for India New Delhi, NCERT, 1966.
- Nunnally, L.C.: Psychometric Theory New York, Mc-Graw Hill Book op. Inc., 1967
- Nunnally, J.C.: Educational Measurement and Evaluation New York, Mc-Graw Hill 1972
- Patel, R. S. (2009) Statistical Methods for Educational Research Ahmedabad: Jay Publication.
- Patel, R.S.: (2012) Statistical Techniques for Data Analysis (International Version), LAP LAMBERT Academic Publishing GmbH & Co. Saarbrücken, Germany.
- Pareek, U and Sound, S.: Directory of Indian Behavioral Science Research, Delhi, Acharan Sahakar, 1971
- Super, D.E. and Crites, J.C.: Appraising Vocational Fitness by Means of Psychological Tests
- દેસાઈ કૃ.ગો. અને દેસાઈ હ.ગુ.: મનોવૈજ્ઞાનિક માપન અમદાવાદ, યુનિવર્સિટી ગ્રંથ નિમાર્ણ બોર્ડ. ૧૯૮૨.
- પટેલ આર.એસ. (૨૦૦૮) શૈક્ષણિક સંશોધન માટે આંકડાશાસ્ત્રીય પદ્ધતિઓ અમદાવાદ: જય પબ્લીકેશન

Course No. D104
(Semester – 1)
Optional Course: D-104
EDUCATIONAL MEASUREMENT & EVALUATION

OBJECTIVES:

A student teacher will be able to understand

1. The basic concepts and practices adopted in Educational Measurement and Evaluation.
2. To the relationship between measurement and evaluation in Education and the existing models of evaluation.
3. To orient with tools and techniques of measurement and evaluation.
4. To develop skills and competencies in constructing and standardizing a test.
5. To make how various aspects of education are measured, evaluate, interpreted and results are recorded to help learners.

Unit – 1 The Measurement and Evaluation Process

1. Concept of Measurement and Evaluation
2. Inter-relationship between Measurement and Evaluation in Education
3. Scope and Need of Evaluation
4. Functions of Evaluation
5. Basic principles of Evaluation
6. Evaluation and Curriculum
7. Examination: Openbook exam, Online exam (Concept, Need, Characteristics) Traditional Exam.

Unit – 2 Taxonomies of Educational Objective

1. Classification of Objective of Cognitive Domain: Knowledge, Comprehension, Application, Analysis, Synthesis and Evaluation (Meaning, Specific objectives and expected behavioral changes).
2. Classification of objective of Affective Domain: Attending Responding, Valuing, Organization Characterization (Meaning specific objectives and expected behavioral changes).
3. Classification of objectives of Psychomotor Domain: Visualization, Concentration, Responses under guidance, learning of working, Mastery (Meaning specific objectives and expected behavioral changes).

Unit – 3 Norm Reference and Criterion Reference testing

1. Concept of norm reference and criterion reference test
2. Difference between criterion reference and norm reference test
3. Steps for construction of norm and Criterion Reference Test
 - ✓ Instructional intent specifying the domain
 - ✓ Item development
 - ✓ Item review
 - ✓ Test development
4. Use of criterion referenced test and NRT
5. Item analysis procedure for norm reference and criterion referenced mastery tests

Unit – 4 Evaluating Results

1. Marks and marking system, need problems
2. Marking : Traditional V/S Grading
3. Grading : Concept and process of grading
4. Semester
5. Continuous internal assessment
6. Question bank : Meaning importance, Steps for construction
7. Formative and Summative Evaluation
8. Progress report : Nature and use
9. Use of Computers in Evaluation

Suggested Practical Work

10. Choose any one of Psychological Test and find out the reliability and validity of the constructed test.
11. Apply Standardized test into classroom and interpret the result.
12. Prepare a note on measurement and Evaluation.

Reference Books:

1. Blooms, et. Al., (1966): Taxonomy of Educational Objectives: Hand Book, (1) Cognitive Domain, New York: David Mckay Co.
2. Bloom Hatings and Madaus (1971): Handbook on Formative & Summative Evaluation of Student Learning New York: McGraw Hill Book Co.
3. Eble Robert, L (1966): Measuring Educational Achievement New Delhi: Prentice Hall.
4. Furst, E.J. (1958): Constructing Evaluation Instrument New York: David Mckay Co.
5. Groundland, N.E. (1958): Constructing Evaluation Instruments New York: David Mckay Co.
6. Groundland, N.E. (1976): Measurement and Evaluation in Teaching (3rd ed.) New York: Macmillan Co.
7. Hills, J.R. (1976): Measurement and Evaluation in the classroom Columbus, Ohio: A Bell Howell Co.
8. Krathwoh, et.al. (1966): Taxonomy of Educational Objectives: Handbook: 2, Affective domain, New York: David McKay Co.
9. Lindquist Evert F. (1955) (Ed.): Educational Measurement Washington, America council on Education.
10. Meherens W.A. & Lehman J.J. (1973): Measurement and Evaluation in Education in Education and psychology New York: Holt, Rinehart & Winston, Inc.
11. Mager Robert F. (1962): Preparing Instructive Objectives Palo, Alto, California: Fearin Publishers.
12. Nunnally, J.C. (1964): Educational Measurement and Evaluation New York: McGraw Hill Book Co.
13. Patel R.S. (2009) Statistical Methods for Educational Research Ahmedabad: Jay Publication.
14. Patel, R.S.: (2012) Statistical Techniques for Data Analysis (International Version) LAP LAMBERT Academic Publishing GmbH & Co. Saarbrücken, Germany.
15. Popham W.J. (Ed.) (1971): Criterion Referenced Measurement Englewood Cliffs, N.J.: Education Technology pub.
16. Thondike Robert, L & Elizabeth P. Hagen (1961): Measurement and Evaluation in psychology and Education (2nd ed.) New York: Wiley.
17. Tuckman, B.W. (1975): Measuring Educational Outcomes New York: Harccurt Brace, Javanovich, Inc.
18. Wringghstone, J. Wayae (1956): Joseph Justman & Iewing Robbins: Evaluation in Modern Education New York: America Book Co.
19. Jha, A. S. (2009): Measurement and Evaluation Ahmedabad: Jay Publication

CBCS

M.Ed. SYLLABUS

SEMESTER - II

Note:

1. In this semester all the course carries of four units.
2. Transaction time for each unit is nearly about 15 hours and total time is nearly about 55-60 hours.
3. Evaluation Weightages for each unit is 25%.

Course No A004
Semester – 2
M.Ed. Core Course – IV
METHODS OF EDUCATIONAL RESEARCH

Objectives:

To enable student to understand

1. The characteristics of Philosophical, Psychological and Sociological researches in education.
2. The different strategies, approaches of educational research.
3. The broad canvas of Educational Research
4. The different methods of educational research

Unit – 1: Historical Research Method

1. Concept of Historical Research Method
2. Importance of Historical Research in Education
3. Objectives of Historical Research
4. Steps of Historical Research Method
5. Errors Made by New Researchers
6. Criteria to Evaluate Historical Research
7. Subjects of Historical Research

Unit – 2: Descriptive Research Method

1. Concept, Use, Objective and Characteristic of Descriptive Research Methods
2. Types of Descriptive Research Methods (Concept, Characteristic, Steps, Types and Elustration for each Method)
 - a. Survey Method
 - b. Developmental

Unit – 3: Qualitative Research Method

1. Content Analysis Method
2. Correlation Method
3. Ethnographic Method (Concept, Characteristic, Steps, Types for Qualitative Research Method in all above three method)

Unit – 4: Experimental Research Method

1. Meaning and characteristic in experimental research
2. Method of control, criteria for the experimental design, appropriateness, adequacy of control, internal & external validity
3. Various types of experimental designs including quasi experimental design

Suggested Practical Work:

1. Term paper or seminar based on a research method: nature, steps for doing research, popularity of the method and vice-versa
2. Prepare term paper for Ethnographical study Method.
3. Conduct an Experiment for small group of any one class for their diagnosis work.

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17. Patel R.S. (2015) Research Methodology (1st ed. English Version), Ahmedabad, Jay Publication.
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20. Rummel J.F. (1964) An Introduction to Research Procedure in Education (2nd ed.)
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25. Van Dalen D.B., Meyer, William, J. (1979): Understanding Educational Research – An Introduction New York: McGraw Hill Book Co.
26. પટેલ આર.એસ. (૨૦૧૪) સંશોધનનું પદ્ધતિશાસ્ત્ર (૩જી આવૃત્તિ) અમદાવાદ: જય પબ્લીકેશન.

Course No A005
Semester – 2
M.Ed. Core Course– V
PHILOSOPHY OF EDUCATION

Objectives:- To enable student to

1. Understand the scope and application of educational philosophy and sociology.
2. Acquaint him with the philosophical and sociological theories underlying educational principles.
3. Appreciate the role of education in development of an individual and society in their cultural perspective.
4. Understand the relationship existing between education of one hand and social, politic and economic system on the other.
5. Understand the role of education in the emerging Indian society.

Unit – 1 EDUCATIONAL PHILOSOPHY

1. Nature, Definition, Concept, Function and understanding of Philosophy and Educational Philosophy.
2. Scope of Philosophy
3. Relationship between Philosophy and Education
4. Fundamental philosophical Issues
 - a. Meta physical Issues: The issues with special reference to ontology, cosmology and theology
 - b. Epistemological Issues: The issues special reference to Reality & objectivity, worth of knowledge and Truth.
 - c. Axiological Issues: Ethics and aesthetic branch. Its origin and scope.

Unit – 2 A COMPARATIVE STUDIES OF THE SCHOOLS OF PHILOSOPHY

1. Idealism
 2. Naturalism
 3. Realism
 4. Pragmatism
 5. Existentialism
- Keeping in view the following aspects
- a) Meaning
 - b) Fundamentals
 1. Metaphysics 2. Epistemology 3. Axiology 4. Logic
 - c) Principles and general maxims
 - d) Aims of Education
 - e) Curriculum
 - f) Teaching Methods
 - g) Discipline
 - h) Teacher-pupil relationship and their place in education.
 - i) Beliefs about nature of knowledge, Morality, Values.

Unit – 3 INDIAN SCHOOL OF PHILOSOPHY

1. Buddhism
 2. Jainism
 3. Bhagvad Gita
 4. Upnishad
- Keeping view the following points

- | | | |
|----------------------|-----------------------------------|----------------|
| (a) Thematic Content | (b) Concept and Aims of Education | |
| (c) Curriculum | (d) Teaching Methods | (e) Discipline |

Unit – 4 IMPACT OF EDUCATIONAL PHILOSOPHY OF SOME INDIAN PHILOSOPHER

1. Ravindranath Tagore
2. Maharshi Arvind
3. Mahatma Gandhiji
4. Dr. J. Krishnamurthy

Keeping mind the following points.

- ✓ Life Narrative
- ✓ Concept and Aims of Education
- ✓ Effect of their contribution.
- ✓ Specific contribution and its relevance with contemporary educational practice.

Suggested Practical Work

1. Term paper or seminar based on a school of philosophy such as epistemological aspects and its practice in education.
2. Preparing handbook for teacher selecting teacher related maxims from Upanishad, Bhagavad-Gita
3. Autobiography of Rousseau, John Dewey, Plato, Sartre, J. Krishnamurthy, Sri Aurobindo

Reference Books:

1. Brodlddy Harry (1967): Building a philosophy of Education, Englewood : Cliffs, Prentice Hall Inc.
2. Brown Francis J. (1961): Educational Sociology New York: Prentice Hall Inc.
3. Brubacher G. S. (1962) : Modern Philosophy of Education (International Student Edition) Tokyo : Mc Grow Hills.
4. Chaube S. P. (1981) : A Philosophical and Sociological Foundations of Education Agra : Vinod Pustak Mandir
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8. Shastri Manoj C. (2010): Fundamental concept of Educational Philosophy Ahmedabad: Akshar Publication.
9. Shastri Manoj C. (2012): Right to Education & Basic Needs Reference to VEDAS Germany: LAP LAMBERT Academic Publishing GmbH & Co. KG.
10. Shastri Manoj C. (2013): The Philosophy of Rabindranath Tagore Ahmedabad: SSTCT Publication.
11. Shastri Manoj C. (2013): Shree Aurobindo Ahmedabad: SSTCT Publication.
12. Stanely C. William (1957) : Social Foundations of Education New York : The Dryden Press Ic.
13. Thomson Godfrey (1957) : A Modern Philosophy of Education London : Gesrge G. Garper & Colts.
14. Wynee John P. (1947) : Philosophy of Education New York : Prentice Hall Inc.

Course No A006
Semester – 2
M.Ed. Core Course – VI
PERSPECTIVES IN TEACHER EDUCATION

Objectives:

To enable the students to understand

1. The Role and function of National and state level agencies of Teacher Education.
2. The Professional Organization and status of Teacher Educator and teachers in India.
3. The Major Issues and Problems of Teacher Education.
4. The In-service Education of Teachers and Teacher Educators.

Unit -1: Role and function of Agencies of Teacher Education

(a) Role and function of National Level Agencies:

- University Grant Commission (UGC)
- National Council of Education Research and Training (NCERT)
- National Council for Teacher Education (NCTE)
- India Council of Social Science and Research (ICSSR)
- Tata Institute of Social Science and Research (TISSR)
- Center of Advanced Studies in Education (CASE-MSU)

(b) Role and function of State Level Agencies:

- State Institutes of Education (SIE)
- Gujarat Councils of Educational Research and Training (GCERT)
- District Institute of Educational and Training (DIET)
- Centers of Continuing Education Teachers
- State Boards of Teacher Education
- University Department of Education

Unit- 2: Professional Organization and status of Teacher Education

(a) Professional Organizations:

- University, State, National and International level of professional organization for teacher educators and teachers.
- Their objectives and activities. Objectives and activities of Ph.D. Guide Association of Teacher Educators.
- Comparative struggle among Teacher Educator's Organizations, need for collective and united action by Teacher Educators

(b) Status of Teacher Educator's & Teacher's :

- Status and dignity of Teacher Educator's & Teacher's Profession.
- Roles and Responsibilities of Teacher Educator's & Teacher's.
- Role of Teacher Educators in Classroom and Outside classroom Teaching
- Opportunities for Professional growth.
- Academic freedom
- Participation in civic rights
- Code of ethics and its enforcement
- Working conditions
- Provision for necessary facilities and equipment

(c) Economic Status:

- Economic Status
- Salary system
- Service conditions

(d) Social Status:

- Social Status
- Social Image of Teachers and Teacher Educators.
- Teacher's social image in ancient time.
- Teacher's Social Image in current time.
- Social Status of teachers and teacher Educators.

Unit -3: Major Issues and Challenges of Teacher Education

1. Major challenges of Teacher Education in Current time.
2. Issues and challenges of Admission procedures and Remedy for it in Current time.
3. Provision to prepare teachers for special education, physical education, and teachers for arts & craft education.
4. Professional Competences of teacher Educators. Teacher's contribution in social, Economy and Cultural field.
5. Staffing pattern, qualification and mode of recruitment of academic staff.
6. Issues related to administration of teacher education institutions.
7. Lack of co-ordination in man-power planning.

Unit- 4: In-service Teacher Education for Teachers and Teacher Educators:

(a) In-service Teacher Education programme.

- Meaning and objectives of In-service teacher education programme.
- Planning of in-service teacher education programme.
- Needs of in-service teacher education programme.
- Main functions and objectives of Extension Service.
- Special objectives of in-service teacher education at primary and secondary Level.

(b) Continuing in-service Education:

- Concept and Scope of continuing education.
- Differential needs of continuing education for teachers and teacher educators.
- Extension Services Department: Their nature, role and functions.
- Methods and techniques of continuing education for teachers/teacher educators.

Suggested Practical Work

1. To organize seminar on Current topic of Teacher Education.
2. Take Visits of Teacher Education Agencies at state level and National Levels.
3. To know five activates of Teachers Association
4. To take Visits of Pr-service and In-service Teacher Education Institutions.
5. To take Visits Continuing Education Center and to know five Methods and techniques of continuing education.
6. Evaluate a textbook of elementary class with reference to its adequacy and appropriateness in achieving expected learning outcomes in any subject.
7. Design an instructional plan of a unit in a subject at elementary level Prepare unit-test, administer the test, determine gaps in attainment of objectives and plan remedial instruction for non-masters
8. Critical study of existing teacher education curriculum of a state
9. Evaluation of any one of the in-service teacher training programme organized by any one of the resource institutions

Reference Books:

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2. Buch, M. B. and Palasane, M.M., Reading in In-service Education Sardar Patel University, Anand, 1947.
3. Basu, A.N., Education in Modern India Orient Book Co., Calcutta, 1947.
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19. Harvilas, S. and Naik, J.P. A History of Education in India Macmillan and Co. Bombay, 1951.
20. Jangire, N. K., Technology of Classroom Questioning National Publication House, Daryaganj, New Delhi, 1982.
21. I.A.A.T.C., Symposium on Teacher Education in India The Indian Publications, Ambala Cantt, 1964.
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24. Jangira, N. K., Teacher Training and Teacher Effectiveness: An Experiment in Teacher Education National Publication House, Delhi, 1984.
25. Jingara N.K., Teacher Training and Teacher Effectiveness: An Experiment in Teacher Education National Publication House Delhi, 1978.
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28. Mukorji S.N.(ed) Education of teacher of india (Vol.1) S. Chand and Co. Delhi. 1968
29. N.C.T.E., Teacher Education Curriculum : A Frame Work, NCERT, New Delhi 1978.
30. NCERT, The Third Indian Year book on education NCERT, NEW Delhi 1968
31. NECRT, Elementary Teacher Education NCERT, New Delhi 1970
32. Pandey B.N., Second National Serve of Secondary Teacher Education in India NCERT, New Delhi 1969
33. Pandey B.N. and Khosla D.N. Student Teaching and Evaluation NECRT, New Delhi 1970
34. Passi, B.K., Becoming Better Teacher : Micro Teaching Approach Sahitya Mudranalya Ahmedabad
35. Ryon Kevin, Teacher Education- The Seventy Fourth Year Book of National Society For the Study of Education (Part II) Chicago 1975.
36. Sabharwal N. Innovative Practice in Elementary Education institutions in India Vol.I NCERT New Delhi 1979
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38. Sabharwal N. Studies and investigations on Teacher Education in India (1973-75), NCERT, New Delhi, 1981
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43. Singh T., Diffusion of innovations among Training Collages Bharat Sharati Prakashan Jaunpur 1978.
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Course No C101
(Semester – 2)
M.Ed. Elective Course: C-101
CURRICULUM STUDIES AND EDUCATION

Objectives:

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

1. Define curriculum
2. Identify the components of curriculum
3. Describe the various principles of curriculum development
4. Explain various determinants of curriculum
5. Describe and analyze various approaches to curriculum development
6. Explain and compare various types of curriculum
7. STATE the meaning of curriculum development
8. State major issues to be addressed through curriculum
9. Describe various modes of curriculum development
10. Explain various considerations for curriculum development
11. Describe various guiding principles for selection and organization of learning experiences.
12. Discuss various issues in curriculum development

Unit 1- Nature, Principles and Determinants of Curriculum

1. Meaning and concept of curriculum;
2. Curriculum as a body of organized knowledge, inert and live curriculum.
3. Components of Curriculum: Objectives, content, transaction mode and evaluation
4. Philosophical and ideological basis of curriculum
5. Principles of integration
6. Theories of curriculum development.
7. Preservation of Culture
8. Relevance, flexibility, quality, continuity and plurality
9. Determinants of Curriculum

Unit 2- Approaches and types to Curriculum Development

1. Subject centred
2. Core curriculum
3. Learner centred
4. Community centred.
5. Curriculum Frameworks of School Education and Teacher Education
6. Humanistic Curriculum: characteristics, purpose, role of the teacher, psychological basis of humanistic curriculum
7. Social reconstructionist curriculum: characteristics, purpose, role of the teacher in reconstructionist curriculum

Unit 3- Models of Curriculum Development

1. Tylers-1949 model
2. Hilda Taba 1962 model
3. Nicholls and Nicholls-1972 model
4. Willes and Bondi-1989 model
5. Need assessment model
6. Futuristic model
7. Vocational/Training model

(With special reference to analysis of needs, selection of objectives, selection and organization of content/learning experiences and evaluation).

Unit 4- Selection and Organization of learning experiences and Issues

1. Principles and criteria for developing learning experiences
2. Points to be considered while selecting learning experiences
3. Designing integrated and interdisciplinary learning experiences.
4. Integration of learning experience related to work experience, sensitivity to gender parity, peace oriented values, health and needs of children with disabilities, arts and India's heritage of crafts
5. Infusion of environment related knowledge and concerns in all subjects and levels.
6. Learning to draw upon resources other than text books including local history and geography
7. Centralized vs. decentralized curriculum
8. Diversity among teachers in their competence.
9. Problem of curriculum load
10. Participation of functionary and beneficiaries in curriculum development

Suggested Practical Work:

1. Reading of original documents i.e. National Curriculum Frameworks developed by NCERT, 2005, NPE-1986 (modified version 1992) POA on NPE-1996/1992, National Curriculum Framework of Teacher Education (2009) developed by NCTE and examine the documents with respect to various aspects of foundation and presentation in groups.
2. Students will go through various definition of curriculum and will arrive at comprehensive definition of curriculum.
3. Maintaining of reflective diary on institutions i.e. GCERTs, School Boards observed visited and analysis of the own experiences.
4. Evaluation of syllabus related to teacher education of any state either at elementary or at secondary level.

Reference Books:

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11. Reddy, B. (2007): Principles of curriculum planning and development
12. Taba Hilda (1962) Curriculum Development: Theory and Practice New York, Harcourt Brace, Jovanovich Inc.

Course No C102
Semester – 2
M.Ed. Elective Course: C-102
ICT IN EDUCATION

Objectives:

To enable the student teacher to:

1. Understand the Concept, need and importance of ICT.
2. Prepare their students to become ICT skilled teachers.
3. Get acquainted with ICT supported teaching learning strategies.
4. Prepare the students to select appropriate ICT facilities.
5. Get acquainted with the new trends in ICT.
6. Get information about computerized multimedia

UNIT 1: ICT IN EDUCATION

- 1.1 Concept, Need and Importance of ICT in Education.
- 1.2 Paradigm Shift due to I C T from 'Teaching' to 'Learning'.
(A) Curriculum (B) Methods of Teaching (C) Role of Teacher
(D) Classroom Environment (E) Evaluation procedure
(F) Education Management
- 1.3 Challenges and Barrier to integration of I C T in Indian schools Classrooms
- 1.4 ICT Skilled Teacher – ICT Skills and Qualities of ICT teacher
- 1.5 Safe use of ICT – Virus management, Net safety, Legal and Ethical Issues

UNIT2:- ICT SUPPORTED TEACHING LEARNING STRATEGIES

- 2.1. E-Learning and Web base learning–concept, features and educational application
- 2.2. Co-operative and Collaborative Learning –concept, features and educational application
- 2.3. Project based Learning –concept, features and educational application
- 2.4. Communication Tools - Mobile, e-mail, chat Online Conferencing, Blog, Wiki, Internet forum, News Groups. Different mobile app group
- 2.5. Social Networking as an effective Communication Tool.

UNIT 3:- NEW TRENDS IN ICT

- 3.1. Virtual Classroom - concept, elements, advantages and limitations
- 3.2. Smart class room – concept, elements, advantages and limitations
- 3.3. Edusat - concept, elements, advantages and limitations
- 3.4 Online Learning Resources: e- Library, Websites, Apps, and Web 2.0 Technology.

UNIT 4 : MEDIA CHARACTERISTICS

- 4.1 Concept and type of educational media
- 4.2 Application of educational media
- 4.3 Educational use of radio and television
- 4.4 Concept and uses of computerized multimedia

Suggested Practical Work:

1. Critical analysis of Teaching aids and their applications in instruction and learning
2. Critical analysis of a computer based media packages with reference to its use in learning process.
3. Critical analysis of the different instructional packages developed by different agencies/institutions.
4. Interventions of educational technology in the current practices of teacher training programmes in India.

5. Preparation of Learning Object Repository (LOR).
6. Preparation and presentation of slides for teaching any topic at the school level.
7. Critical analysis of database software including open source.
8. Critical analysis of the different research reports based on data analysis and interpretation.
9. Preparation and presentation of research report based on empirical data.

Reference Books:

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2. APLET (). *All ten volumes of aspects of educational technology* London: Pitman.
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Course No C103
Semester – 2
M.Ed. Elective Course: C-103
GUIDANCE AND COUNSELING

Objectives:

To enable the students to understand

1. The Counseling process & Group guidance programme.
2. The Organization of a Guidance Programme.
3. The Testing in Guidance Service.
4. The Human adjustments and mental health & hygiene.

Unit – 1 Counseling process & Group guidance:

1. Counseling process
2. Concept, nature, principles of counseling
3. Counseling approaches – directive, non-directive
4. Group counseling vs. Individual counseling, Counseling for adjustment
5. Characteristics of group counseling
6. Activities of Group guidance
7. Concept, concern and principles of group guidance
8. Procedure and techniques of group guidance

Unit – 2 Organization of a Guidance Programme:

1. Principles of organization
2. Characteristics of well Organized Guidance.
3. Eclectic Counseling service and Individual inventory service- Testing Service.
4. Information orientation service, placement service and follow up programme

Unit – 3 Testing in Guidance Service

1. Use of tests in guidance and counseling
2. Tests of intelligence, aptitude, creativity, interest and personality
3. Administering, scoring and interpretation of test scores
4. Communication of test results as relevant in the context of guidance programme

Unit – 4 Human Adjustments and Mental Health:

1. Definition and meaning of Adjustment.
2. Role of motivation in adjustment Process: Meaning and definition of motivation, Five Steps of Adjustment process.
3. Role of Positive Motivation and Negative Motivation in adjustment process.
4. Role of perception in adjustment: Perception and adjustment, Factors of actual Perception, Teacher and Perception.
5. Definition and Meaning of Mental Hygiene. Objectives of Mental Hygiene.
6. Principles of mental hygiene and their implication of effective adjustment.
7. Mental health and development of integrated personality.

Suggested Practical Work:

1. To arrange seminar, career conference & career days.
2. To provide Guidance and counseling of Students.
3. To visit work places and related institutes.
4. To visit institutes of who providing Guidance and Counseling.
5. To collect information or paper cutting about career development of students.
6. To administrate any five psychological tools and its analysis for guidance and counseling.
7. To provide Guidance and counseling of Students.

Reference Books:

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14. Mehdi, B. (1976): Guidance in Schools New Delhi: N.C.E.R.T.
15. Ohlsen, Merle M. (1977): Group Counseling (2nd ed.) New York: Holt Rinehart and Winston.
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28. Buros, D.K. (Ed) (1972): The Mental Measurement Year Book Highland Park: N. H. Gryphon Press.
29. Chronbach, L.J. (1970): Essentials of Psychological Testing New York: Harper (3rd Ed.)
30. Freeman, F.S. (1972): Theory and Practice of Psychological Testing New Delhi: Oxford and IBH Co.
31. Garrett, H.E. (1979): Statistics in Psychology and Education Bombay: Vakils, Feffer and Simons Pvt. Ltd.
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37. ત્રિવેદી એમ. ડી. અને પારેખ બી. યુ. (૧૯૮૨) : શિક્ષણમાં આંકડાશાસ્ત્ર અમદાવાદ : યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ.
38. પટેલ આર.એસ. (૨૦૦૮) શૈક્ષણિક સંશોધન માટે આંકડાશાસ્ત્રીય પદ્ધતિઓ અમદાવાદ: જય પબ્લીકેશન

Course No C104
Semester – 2
M.Ed. Elective Course: C-104
SPECIAL EDUCATION

Objectives:

A student teacher will be able to;

1. Understand the meaning, nature and concept of special education
2. Get the knowledge & functions of institutions for special education
3. Understand the meaning, nature and concept of special education for physically challenged
4. Get the knowledge & functions of special education for exceptional students
5. Know the function of special education at every stage of school.

UNIT – 1 INTRODUCTION TO SPECIAL EDUCATION

- 1.1 The meaning and definition of a Special Education
- 1.2 The objectives and principles of a Special Education
- 1.3 The characteristics and need of a Special Education
- 1.4 National and International views about Special Education

UNIT - 2 INSTITUTIONS OF SPECIAL EDUCATION

- 2.1 Special Schools
- 2.2 General Schools
- 2.3 Institutions of Integration and inclusion education
- 2.4 Roll of government and non-government organizations
(Definition, Criteria, Classification, Characteristics, Different approaches: Psychological and Educational and instructional programmes – Preschool, primary, Intermediates and prevocational, Instructional methods and materials of each)

UNIT – 3 SPECIAL EDUCATION FOR PHYSICALLY CHALLENGED

- 3.1 Visually Challenged
- 3.2 Hearing Challenged
- 3.3 Orthopedically Challenged
- 3.4 Mentally Challenged
(Definition, Criteria, Classification, Characteristics, Diagnosis and remedial Education, Different approaches: Medical/ Clinical, Psychological and Educational and instructional programmes – Preschool, primary, Intermediates and prevocational, Instructional methods and materials for each challenged)

UNIT – 4 SPECIAL EDUCATION FOR EXCEPTIONAL STUDENTS

- 4.1 Learning disabled students: Meaning and Definition, Criteria and characteristic, causes of disabilities, type and classification, educational programme for the learning disabled, research on learning disabilities.
- 4.2 The Gifted students: Meaning, criteria and characteristics, Educational problems and programmes for the gifted; Enhanced programmes for the gifted in normal school setting.
- 4.3 The Gifted students: Creativity, Intelligence and giftedness, recent research on psychology and Education of the gifted, enhancement and Acceleration programmes in normal school settings.
- 4.4 Guidance for the Exceptional students in normal school setting.

Suggested Practical Work:

1. To review of literature related to education of children with diverse needs presentation of reports in a seminar.
2. To make a list of existing institutions of special education in the local area and discuss their use and limitations based on survey.
3. To list the special needs of different physically challenged.
4. To interviewed the different gifted students and make notes
5. To make the list of activities for learning disabled
6. To visit the guidance and counseling Centre

Reference Books:

1. Ahuja. A, Jangira, N.K. (2002): *Effective Teacher Training; Cooperative Learning Based Approach: National Publishing house* 23 Daryaganj, New Delhi 110002.
2. Alley, G. & Deshler, D.D. (1979) *Teaching the learning disabled adolescent: Strategies and methods* Denver: Love.
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4. Alsop, L. (Ed.) (2002) *Understanding deaf blindness: Issues, perspectives, and strategies* (Vols.1 & 2). Logan, UT: SKI – HI Institute, Hope.
5. Backet, Hary : *Introduction to Exceptional children* New York : Macmillan. 1961.
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9. *Identification and of Disabilities and Curriculum Planning-MMD-014 Introduction to Disabilities Material* by IGNOU.
10. Jangira N.K. and Mani, M.N.G. (1990): *Integrated Education for Visually Handicapped* Gurgaon, Old Subjimandi, Academic Press.
11. Kundu C.L. (ed) (2000) . *Status of Disability of India-2000*. New Delhi: Rehabilitation of India.
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14. L'Abate and Carties : *Teaching the Exceptional Child*, W.B., Sacmder & Co. 1975.
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19. Magary and aicharn : *The Exceptional Child : A book of Reading* New York: Halt. Rinchare & Wintran. Inc. 1960.

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21. Passow, A. D. (Ed.): The Gifted and Talented: Their Education Eco Development Chicago: University of Chicago.
22. Polloway, E.A., Patton , J.R., & Serna ,L. (2008) . Strategies for teaching learners with special needs (9th ed.) Upper Saddle River, NJ: Merrill Prentice Hall.
23. Panda K.C. (2009) Education of Exceptional Children Delhi: Vikas Publishing House Pvt. Ltd.
24. Sharma, P.L. (1990) *Teachers handbook on IED-Helping children with special needs* N. C. E R T Publication.
25. Salvia, J. & Yseedyke (1991) Assessment (5th ed) Boston, Houghton Mifflin
26. World health Organization (1980). International classification of Impairments Disabilities and Handicaps Geneva: WHO.

Official Websites of

- ✓ AYJNIHH - [http:// WWW.ayjnihh.nic.in/](http://WWW.ayjnihh.nic.in/)
- ✓ NIMH - <http://WWW.nimhindia.org/>
- ✓ NIOH - [http:// WWW.nioh.in/](http://WWW.nioh.in/)
- ✓ NIVH - [http:// WWW.nivh.org.in/](http://WWW.nivh.org.in/)
- ✓ SVNIRTAR - [http:// WWW.nirtar.nic.in/](http://WWW.nirtar.nic.in/)
- ✓ PDDIPH - [http:// WWW.iphnewdelhi.in/](http://WWW.iphnewdelhi.in/)
- ✓ NIEPMD - [http:// WWW.niepmd.tn.nic.in/](http://WWW.niepmd.tn.nic.in/)
- ✓ MSJ&E - [http:// WWW.socialjustice.nic.in/](http://WWW.socialjustice.nic.in/)
- ✓ AIISH - [http:// WWW.aiishmysore.in/en/index.html/](http://WWW.aiishmysore.in/en/index.html/)
- ✓ NIMHANS - [http:// WWW.nimhans.kar.nic.in/default.asp/](http://WWW.nimhans.kar.nic.in/default.asp/)
- ✓ AIIPMAR - [http:// WWW.aiipmr.gov.in/](http://WWW.aiipmr.gov.in/)
- ✓ CIP - [http:// cipranchi.nic.in/](http://cipranchi.nic.in/)
http://www.medindia.net/Indian_health_act/national-policy-for-
[http://www.disabilities about com/cs/education](http://www.disabilitiesabout.com/cs/education)
<http://www.mohfw.nic.in/>

CBCS

M.Ed. SYLLABUS

SEMESTER - III

Note:

1. In this semester all the course carries of four units.
2. Transaction time for each unit is nearly about 15 hours and total time is nearly about 55-60 hours.
3. Evaluation Weightages for each unit is 25%.

Course No. A007
(Semester – 3)
M.Ed. Core Course – VII
LIBRARY RESOURCES AND TOOLS &
TECHNIQUES IN EDUCATIONAL RESEARCH

Objectives:

To enable student to understand

1. The meaning and different types of resources & library skills for research
2. The meaning and different techniques of research method for application of tool.
3. Various types of tools and their preparation.
4. The meaning, classification, characteristics uses & limitations of Psychological test.

Unit – 1: Resources and Library skills for Research

1. References: Encyclopedias, Dictionaries, Almanacs and year books, Directories, Biographical sources, Bibliographical sources.
2. Books and monographs : Card-catalogue, book-list and reviews
3. Periodicals and pamphlets : News-paper, periodicals, E-Books and Blogs
4. Dissertations, Thesis, Research journals
5. Web-site, CDs
6. Library Skills :
 - (a) What to read and how to read
 - (b) Certain reading skills
 - (c) Note-taking

Unit – 2: Tools and Techniques of research

(Concept(Meaning), types, forms, preparations, advantage and limitations of following tools) :
Observational Tools

1. Observation
2. Rating Scale
3. Check List
4. Evaluation Sheet

Unit -3 Self Appraisal Tools

(Concept (Meaning), types, forms, preparations, advantage and limitations of following tools)

1. Questionnaire
2. Interview
3. Opinionaire
4. Attitude Scale
5. Sociometric
6. Q-Sort Technique

Unit-4: Standardized tests

1. Meaning of Psychological Test
2. Classification of Test
3. Characteristics of Test
4. Steps of Construction Test
5. Use of Psychological Test

6. Limitation of Psychological Test
7. Psychological Test Available in Gujarat
8. Addresses of Test Publishers, Distributors and Test related Organizations

Suggested Practical Work:

1. Preparing library record cards including different sources on a research study
2. Review of research tools related to past studies
3. Tool construction procedure: method, rationale behind the selection and problems faced by the researcher
4. Prepared research tool, try out and finalization of a tool for your research work.

Reference Books:

1. Best, John W. (2005): Research in Education(10th ed.): Eng; ewppd Cliffs, N.J.: Prentice Hall, Inc.
2. Brog, W.R. & Gall M.D. (2006): Educational Research – An Introduction (8th ed.) New York; Longman Inc.
3. Burroughs G.E.R. (1975): Design and Analysis in Educational Research (2nd ed.) Oxford: Alden & Mow bray Ltc.
4. Bruce W. (1952) : Conduction Educational Research (2nd ed.) New York: McGraw Hill Book Co.
5. Desai H.G. (1979): Style Manual for Dissertation / Theses Rajkot, Saurashtra University.
6. Gephart W.J. & Ingle, R. B. (1969) : Educational Research (Selected Readings)
7. Gilbert, S. (1979) : Foundations of Educational Research Englewood, Cliffs, New Jersey : Prentice Hall Inc.
8. Hyman H.H.(1955) : Survey : Design and Analysis Principles Cases Procedures New York : The Free Press
9. Kerlinger F.N. (1999): Foundations of Behavioral Research(4th ed.): Educational & Winston Inc.
10. Koul Lokesh (2009): Methodology of Educational Research (4th ed.) New Delhi: Vani Educational Book.
11. Levin, J. (2009): Elementary statistics in Social Research (11th ed.) London, Pearson.
12. Lynch,M.D. & Huntsberger, D.V. (1976) : Elements of Statistical Inference for Education and Psychology Allyn and Bacon Inc.
13. Patel R. S. (2010) Fundamental Concept of Research (Research Handbook): Ahmedabad, Jay Publication
14. Patel R.S. (2015) Research Methodology (3rd ed. Gujarati Version), Ahmedabad, Jay Publication.
15. Patel R.S. (2015) Research Methodology (1st ed. English Version), Ahmedabad, Jay Publication.
16. Patel, R.S. (2012) Statistical Techniques for Data Analysis (International Version), LAP LAMBERT Academic Publishing GmbH & Co. Saarbrücken, Germany.
17. Patel, R.S. (2011) Research Handbook, (For all disciplines) (International Version) First ed. LAP LAMBERT Academic Publishing GmbH & Co. KG Dudweiler Landstr. 99, 66123 Saarbrücken, Germany.
18. Rummel, J.F. (1964) An Introduction to Research Procedure in Education (2nd ed.)
19. Sharma, R.A. (1984): Fundaments of Educational Research Meerut: Loyal Bool Depot.
20. Sukhia, S.P., Mehrotra R.N. (1990-91): Element of Educational Research (5th ed.) Agra: Vinod Pustak Mandir.

21. Tavers, R.M.V. (1978): An Introduction to Educational Research (4th ed.) London: The Macmillan Co.
22. Tuckman B.W. (2012): Conduction Educational Research (6th ed.)New York: Harcourt Braco Jovenovich Inc.
23. Van Dalen D.B., Meyer, William, J. (1979): Understanding Educational Research – An Introduction New York: McGraw Hill Book Co.

Corse No A008
Semester – 3
M.Ed. Core Course – VIII
SOCIOLOGY OF EDUCATION

Objectives:

1. Acquaint him with the sociological theories underlying educational principles and practices.
2. Understands the relationship between education on the one hand and social, political and economic systems on the other.
3. Attempts to reconcile and synthesize the claims of individual and society in education.
4. Prepare himself for his role in directing the future development of education.

Unit - 1 EDUCATIONAL SOCIOLOGY

1. The base of Educational Sociology
2. Meaning, Aims, Functions, Curriculum and Teaching Methods of Educational Sociology

Unit – 2 CULTURE, RELIGIONS AND EDUCATION

1. Concept & Definitions of Culture and Religion
2. Indian Culture , Indian community and Education
3. Impact of Education on Culture & Religion
4. Relationship of Education with Culture and Religion
5. Role of Education in transmission of the cultural tradition and religious belief

Unit – 3 SOCIAL CHANGES AND EDUCATION

1. Social Group and Education
2. Social Stratification and Education
3. Social Partnership and Education
4. Social Mobility and Education
5. Social, Economical and Political Structure and Education

Unit – 4 EDUCATIONS IN THE MODERN WORLD

1. Social Change and Education
2. Democracy and Education
3. Internationalizations and Education
4. Privatization, Globalization and Modernization in Education
5. Education for demolition of poverty

Suggested Practical Work:

- 1 Execution of innovative sociological activities of the school
2. Study/Visit of the school for the survey of its sociological bases and its implications
3. Term paper or seminar based on innovative sociological activities of the school
4. Review of a Sociological research

Reference Books:

1. Brodlddy Harry (1967): Building a philosophy of Education Engleword: Cliffs, Prentice Hall Inc.
2. Brown Francis J. (1961): Educational Sociology New York: Prentice Hall Inc.
3. Brubacher G. S. (1962): Modern Philosophy of Education (International Student Edition) Tokyo: Mc Grow Hills.

4. Chaube S. P. (1981): A Philosophical and Sociological Foundations of Education Agra: Vinod Pustak Mandir
5. Shastri Manoj C. (2013): Sociological Foundation of Education, Ahmedabad: SSTCT Publication.
6. Shastri Manoj C.(2010): Fundamental concept of Educational Philosophy Ahmedabad: Akshar Publication.
7. Shastri Manoj C. (2012): Sociological Foundation of Education Germany: LAP LAMBERT Academic Publishing GmbH & Co. KG.

Course No. B101
Semester – 3
CHILDHOOD EDUCATION

Objectives:

To enable student to understand

1. The historical development of Early Childhood Education
2. The different aspects of child development
3. The different models of Early Child Education
4. The different interventions in India in Early Child Education
5. The awareness about special needs of children at ECE
6. The awareness of Child Rights in India
7. The researches available in ECE both in east & west.

Unit 1: Introduction to Early Childhood Education

1. Historical perspectives of early childhood education – East & West point of view
2. Nature, Scope and importance of ECE
3. Bharatiya Samskar (Before and after Birth) and Child Development
4. Concepts and Characteristics in Child Development
 - (i) Physical Development , (ii) Social Development , (iii) Intellectual Development and (iv) Emotional Development ,

Unit 2: Perspectives and Methods of Child Study

1. Perspectives of ECE: (i) Kinder Garden approach, (ii) The Montessori approach, (iii) Behaviourist approach, (iv) Cognitive approach
2. Methods of Child Study: Observation, Case Study, Cross sectional and longitudinal methods. (Study of researches available in ECE both in east & west.)
3. Recommendations of NPE 1986, National Curriculum Framework- NCF and National Knowledge Commission-NKC
4. Agencies conducting Preschool Management: Indian Council for Child's Welfare, Social Welfare Boards

Unit 3: Thinker's reflections on Childhood, Programmes and agencies

1. William Fredrick Froebel, Maria Montessori, Pestalozzi,
2. Tarabai Modak; M. K. Gandhi, Tagore, Aurobindo Ghosh, Giju Bhai Badheka.
3. Early Childhood Care Education Programmes and Policies in India and Gujarat State, Children's University, Gujarat
4. Technology and ECE for future

Unit 4: Child Rights in India

1. Constitutional Guarantees that are meant specifically for children: Article 21 A, Article 24, Article 39(e) Article 39 (f), Article 45
2. Children rights as equal citizens of India: Article 14, Article 15, Article 21, Article 23, Article 29, Article 46, Article 47
3. The Commissions for Protection of Child Rights Act: 2005
4. The National Policy for Children, 2013, Right To Education

Suggested Practical Work:

1. Student may choose a subject for dissertation on ECE, Comparative study etc.
2. Visit of the institution/university working for protecting child rights or education.
3. Prepared an assignment on discuss legal aspects, national and international Child Right laws.

Reference Books:

1. Austin, Gilbert R. (1976): Early Childhood Education: An International Perspective New York: Academic Press.
2. Banta, T. (1966): Are these Really a Montessori Method? Columbus, Ohio: Ohio Psychological Association and Ohio Psychiatric Association.
3. Bloom, Benjamin, S. (1964): Stability and Change in Human Characteristics New York: John Wiley & Sons Inc.
4. Brown, G. (1977): Child Development. London: Open Books, Central Advisory Board of Education (CABE). Pre-Primary Education (Chapter II). In Post-War Development in India- A Report, Govt. of India.
5. Butts, R. Freeman. (1955). A Cultural History of Western Education. New York: Mc Graw-Hill Book, Co., Inc.
6. Child Development-Issues, Policies and Programmes Vol. I, II & III-Dolly Singh
7. Cole, Luella. (1950): A History of Education-Socrates to Montessori New York: Holt Rinehart and Co.
8. Educational Policies Commission (1966) Universal Opportunities for Early Childhood Education Washington, D.C., Govt. Printing Office.
9. Evans, Ellis D. (1975): Contemporary Influence in Early Childhood Education New York: Holt Rinehart and Winston, Inc.
10. G. S. Grewa. (1989): Introduction to Early Childhood Education
11. Ganai M.Y. & Sayid, Mohd. Early Child Care and Education AlKhaleel DTP Centre Kashmir University Gate Hazratbal Srinagar.
12. George S Morrison. (1995) Early Childhood Education Today, Prentice Hall
13. Grossnickle, Donald (1987). In-service Follow-up. What to Do After the Expert Leaves. NASSP Bulletin, March, 11-15.
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15. Issacs, S. (1933). Social Development in Young Children London: Routledge and Kegan Paul.
16. Joann Brewer. (1995). Introduction to Early Childhood Education Allyn & Baren, Sydney.
17. Katz, L. Early Childhood Education as a Discipline Young Children, 1971, 26, 82.
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19. MacDonald, James B. A Proper Curriculum for Young Children Phi Delta Kappa 50, No. 7, (March 1969): 406.
20. Muralidharan, R. (Ed.) Relating Pre-School to Primary School New Delhi: Indian Association of Pre-School Education.
21. Muralidharan, R., & Banerji, (1969). U. A Guide for Nursery School Teachers New Delhi: NCERT.
22. Rawat, D.S. (1970) Pre-Primary Teacher Education Curriculum New Delhi: NCERT.
23. Sharma, P. (1995) Basics on Development and Growth of a Child Reliance Publication, New Delhi.
24. Tomar, Lajjaram. (Vikran Samvat 2056) Bhartiya Shiksha Manivugyan Ke Aadhar (Hindi). Vidyabharati Prakashan, Kutukshetra.
25. The Years before School – Guiding Pre-school Children – Vivian Edmiston Todd, Helen Hefferman.
26. UNESCO, Encyclopaedia of Educational Thinkers.
27. UNESCO. (1979) New Approaches to Education of Children of Pre-School Age Report of a Regional Meeting of Experts, Bangkok, UNESCO Regional Office for Education in Asia and Oceania.
28. UNESCO. (1976). World Survey of Pre-School Education Paris: UNESCO.

Web References

1. <http://www.cugujarat.ac.in>
2. <http://www.haqcerc.org>
3. <http://ncpcr.gov.in>
4. <http://wcd.nic.in>
5. <http://wcd.gujarat.gov.in>

Course No. B102
(Semester – 3)
HIGHER EDUCATION

Objectives: The students will be able to understand-

1. Meaning, goals, structure, policy and financing concept of Higher Education
2. Higher Education in Historical Perspective with reference to various period of time.
3. Designing Curriculum, its process and the roll of the universities.
4. Management of Higher Education and its institutions.

Unit: 1 INTRODUCTION TO HIGHER EDUCATION

1. Meaning and Goals of Higher Education in India.
2. Structure of Indian Higher Education.
3. Policy Perspectives and Emerging Trends in Higher Education.
4. Financing of Higher Education- Sources and Financing system.

Unit: 2 HIGHER EDUCATIONS IN HISTORICAL PERSPECTIVE

1. Modern Higher Education in India, The Despatch of 1854 and establishment of Indian universities.
2. Development of Higher Education in Free India- Various Commission Report and Recommendations. The major recommendations of – (make specific) higher education
 - a. The University Education Commission (1948-49)
3. National Policy on Education in perspective of higher education- 1986, 1992 (Revised) 1915 (Likely to be revised)
4. Higher Education and Socio-Economic Development.

Unit: 3 CURRICUM IN HIGHER EDUCATION AND ROLL OF THE UNIVERSITIES.

1. Curriculum Planning: internationalization of higher education curriculum
2. Curriculum Development
3. Elements of quality teacher education programme
4. Curriculum Evaluation

Unit: 4 MANAGEMENT OF HIGHER EDUCATION

1. Ministry of Human Resource Management
2. University Grants Commission, Rashtriya Uchchatar Shiksha Abhiyan, NCTE, IGNOU- Distance Education Bureau, Rehabilitation Council of India, Association of Indian Universities, Department of Higher Education (Directorate- Commissioner HE) , Gujarat State. Gujarat University.
3. Quality and Quantity in Higher Education- Considerations: NAAC procedures to assess quality
4. Role of Teachers in Higher Educational institutions

Suggested Practical work:

1. Should arrange academic visit to the institutions of higher education during the internship or semester study.
2. Prepared an assignment on UGC, NCTE.

Reference Books:

1. Akther, N.: Higher Education for the Future Rawat Publications, Jaipur, 2000.
2. Amrik Singh & Philip G. A.: The Higher Learning in India Delhi, Vikash Publishing Home, 1974.
3. Dahiya, B.S: Higher Education in India: Some Reflection New Delhi Kanishka, 1997.
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www.aiuweb.org ,	www.ncte-india.org
www.rehabcouncil.nic.in	gujarat-education.gov.in

Course No. B103
Semester – 3
INCLUSIVE EDUCATION

Objectives

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

1. Understand the global and national commitments towards the education of children with diverse needs.
2. Appreciate the need for promoting inclusive practice and the roles and responsibilities of all concerned personnel.
3. Understand the nature of difficulties encountered by children and prepare conducive teaching learning environment in inclusive schools.
4. Analyze special education, integrated education, mainstream and inclusive education practices.
5. Developing an understanding of the needs and magnitude of the challenges faced by children and persons with diverse needs.
6. Developing a positive attitude and sense of commitment towards actualizing the right to education of all learners.

Unit 1- Introduction and Preparation for Inclusive Education

1. Difference between special education, integrated education and inclusive education. Advantages of inclusive education for the individual and society.
2. Recommendations of Education Commissions and Committees on restructuring policies and practices to respond to diversity in educational situations
3. National and International initiatives for inclusive education
4. Current Laws and Policy Perspectives supporting IE for children with diverse needs
5. Brief account of existing special, integrated and inclusive education services in India.

Unit 2- Children with Diverse Needs and Utilization of Recourses

1. Definition and characteristics of children with sensory(hearing, visual and physically challenged)intellectual (gifted, talented and children mentally challenged children), developmental disabilities(autism, cerebral palsy, learning disabilities), social and emotional problems , scholastic backward ness, underachievement , slow learners , children with special health problems, environmental/ecological difficulties and children belonging to other marginal groups.
2. Importance of early detection, Functional assessment for development of compensatory skills.
3. Role of teachers working in inclusive settings and resource teacher in developing and enriching academic skills for higher learning.
4. Adaptations in instructional objectives , curriculum and co-curricular activities for meeting diverse needs of children from sensory, intellectual, learning disabled, rural, tribal, girls, SC ST and linguistic and other minority groups.

5. Role of technology for meeting diverse needs of learners
6. Identifying the required resources for children with varied special needs

Unit 3-Curriculum adaptations and evaluation for children with diverse needs

1. Concept meaning and need for curriculum adaptations for children with sensory (hearing, visual and physically challenged) intellectual (gifted, talented and children mentally challenged children), developmental disabilities (autism, cerebral palsy, learning disabilities), social and emotional problems, scholastic backwardness, underachievement, slow learners, children with special health problems, environmental/ecological difficulties and children belonging to other marginal groups.
2. Guidelines for adaptation for teaching/ practicing science, mathematics, social studies, languages, physical education yoga, heritage arts theatre, drama etc in inclusive settings.
3. Utilization of records/ case profiles for identification, assessment, and intervention for inclusive classrooms.
4. Techniques and methods used for adaptation of content, laboratory skills and play material

Unit 4-Teacher Preparation for Inclusive Education

1. Review existing educational programmes offered in secondary school (general, special education).
2. Skills and competencies of teachers and teacher educators for secondary education in inclusive settings.
3. N.C.F 2005 and curriculum for teacher preparation and transaction modes.
4. Roles, responsibilities and professional ethics of an inclusive education teacher and teacher educators.
5. Evaluation and follow up programmes for improvisation of teacher preparation programmes in inclusive education programmes.

Suggested Practical Work:

1. Observation of inclusive teaching strategies and discussion.
2. Planning and conducting multi level teaching in the DMS (two classes).
3. Critical analysis of N. C. F 2005 for planning quality teacher preparation programme
4. Identify suitable research areas in inclusive education.
5. Conduct a survey in the local area to ascertain the prevailing attitudes / practices toward social, emotional and academic inclusion of children with diverse needs.

Reference Books:

1. Ainscow, M., Booth. T (2003): *The Index for Inclusion: Developing Learning and Participation in Schools* Bristol: Center for Studies in Inclusive Education.
2. Ahuja. A, Jangira, N.K. (2002): *Effective Teacher Training; Cooperative Learning Based Approach* National Publishing house 23 Daryaganj, New Delhi 110002.
3. Jangira N.K. and Mani, M.N.G. (1990): *Integrated Education for Visually Handicapped* Gurgaon, Old Subjimandi, Academic Press.

4. Jha. M.(2002) *Inclusive Education for All: Schools Without Walls* Heinemann Educational publishers, Multivista Global Ltd, Chennai, 600042, India.
5. Sharma, P.L. (1990) *Teachers handbook on IED-Helping children with special needs* N. C. E R T Publication.
6. Sharma P.L (2003): *Planning Inclusive Education in Small Schools* R .I E. Mysore

Course No. B104
(Semester – 3)
ELEMENTS OF BHARTIYA CHINTAN

Objectives:

1. On completion of the course the student will be able to:
2. Understand the nature and sources of values.
3. Classify the values under different types
4. Understand the process of value education.
5. Differentiate the indication of values
6. Appreciate role of values in life.

Unit-1 Theoretical Basis of value Education

1. Nature and Sources of values, Meaning of values
2. Values: Philosophical Perspective
3. Values: Psychological Perspective
4. Values: Sociological Perspectives

Unit: 2 VALUES IN INDIA'S INTELLECTUAL TRADITIONS

1. Values in Indian culture – five cardinal virtues
2. Universal life in Indian thinking
3. Fundamental Duties of citizens and government.
4. Values as formative process

Unit: 3 CLASSIFICATIONS OF VALUES

1. Personal and social values, Intrinsic and extrinsic values on the basis of personal interest & social good.
2. Social, moral, spiritual and democratic values on the basis of expectation of society & one's self inspiration
3. Emerging values and society
4. Value analysis and judgment

Unit: 4 VALUES IN RELIGIOUS SCRIPTURES

1. Bhagwadgita -Nishkam Karma, Swadharma, Laksagrah & Stithpragya. Bible - Concept of truth, compassion, forgiveness
2. Dhamnipada - Astangmarg, Aryastya & Madhyamarg. Gurugranth Sahib - Concept of Kirath, Sunsat, Paugat & Jivanmukti .Quran -Concept of spiritual & moral values (adah, raham & theory of justice) & social responsibilities.
3. Methods and Evaluation of Value Education: Traditional Methods: Story Telling, Ramleela, Tamasha, Bhawai street play & folk songs. Practical Methods: Survey, role play, value clarification, Intellectual discussions
4. Causes of value crisis: material, social, economic, religion evils and their peaceful solution.
5. Role of School Every teacher as teacher of values, School curriculum as value laden Suggested Activities/ Practical work: Field work, Group work, Surveys, Panel discussion, Debate.

Suggested Practical Work:

1. Analysis of morning assembly programme of a college from the point of view of value education.
2. Analysis of a text book of a school subject from the point of view of values hidden.
3. Practice of role-play in two situations and preparation of report.
4. Administration of value scales available in the psychology lab. in the school and report writing
5. Report on value conflict resolution in a situation

Reference Books:

1. Dhokalia, RP. 200 I. External Human Values and World Religions New Delhi: NCEIU.
2. Gandhi, M.K. 1976. My Experiments with Truth Ahmedabad: Navjivan Publishing House
3. Government of India (1999): Fundamental Duties of Citizens: Report of the Committee set up by the Government of India to operationalise the suggestions to Teach Fundamental Duties to the Citizens of the Country (Vol. I & II) New Delhi: MHRD.
4. Government of India. (2000): The Constitution of India New Delhi
5. Gupta, K.M. (1989): Moral Development of School Children Gurgaon: Academic Press.
6. Krishnamurthy, J. (2000) Education and the Significance of Life Pune :KF .
7. Mahaprayna, Acharya (1999): Thoughts at Sunrise Landon: Jain Vishva Bharti
8. MHRD (1992) National Policy on Education 1986 (With modification Undertaken in 1992) New Delhi
9. NCERT (2000): National Curriculum Framework for School Education New Delhi
10. Radhakrishnan S.: Indian Philosophy Vol. I
11. Rajput, J.S. (2001): Symphony of Human \Values in Education New Delhi
12. Saiyuddain, K. G. (1965) The Faith of an Educationist: A Plea for Human Values New Delhi : Asia Publishing House.
13. Sanghi, Seema (2002): Towards Personal Excellence New Delhi: Response Books
14. Seshadri, C.; Khadcr, M.A. Adhya GL. (ed.) (1992): Education in value New Delhi: NCERT London, Allen and Unwin
15. UNESCO (1996): Learning: The Treasure Within Paris.
16. Singh, R.N.(ed.) (2003) Analytical Study of Sikh Philosophy Commonwealth Publishers New Delhi -02
17. Khan Masood Alia (ed.)(2006), Islamic Thoughts and its philosophy Commonwealth publishers New Delhi - 02
18. Khan, Intakhab Alam (2007): Peace, Philosophy and Islam, Academic Excellence Delhi - 31

Course No. C105
Semester – 3
INFERENCE STATISTICS

Objectives:

To enable student to understand

1. The scope and application of educational statistics.
2. Himself with statistical theories and its application in Educational Research.
3. The role of parametric and non-parametric statistics in various types of educational research.
4. The importance of educational statistics and its relationship with of educational research.

Unit – 1: ANOVA and ANCOVA

1. Analysis of variance (One-way, Two-way)
2. Analysis of Co-variance and Factorial Design (No Computation)
3. Uses (ANOVA and ANCOVA)

Unit – 2 Special Methods of Correlation

1. Bi-serial correlation, Point Bi serial Correlation and their standards
2. Point bi-serial correlation
3. Tetrachoric, Phi-Correlation and their significance
4. Contingency coefficient C, standard ERROR and their significance
5. Partial and Multiple Correlation

Unit – 3 Non parametric methods

1. Meaning and scope of non-parametric Methods
2. Sign Test, Median test, Candal's T-test, Candal's W-test, Mann-whitney U-test, Wilcoxon Test, Kruskal Walis Test (Computation and Interpretation for each Method)
3. Use of parametric and non-parametric methods

Unit – 4: Reliability, Validity, Scaling and Factor Analysis

1. Reliability : Meaning, Methods, Calculations of split half, length of test and reliability methods of rational equivalent standard errors of Measurement of reliability, effectiveness of reliability on small and large group
2. Validity : Meaning, Methods, Calculations, length of test of validity, effects of validity on reliability
3. Scaling of test
 - i. T scaling
 - ii. Stanine scores
4. Scaling of Judgments and their types
 - i. Item analysis : Difficulty index, Discrimination index
 - ii. Item objective congruence (IOC) in CRT

5. Factor Analysis
 - i. Meaning, Scope, Use of Factor Analysis
 - ii. Basic equations
 - iii. Types and Identification of factors

Suggested Practical Work:

1. Selection and description of appropriate statistical technique(s) for answering a research question or for testing a given hypothesis Analysis of data using Statistical Packages
2. Conduct a test any one class in different time period and find out test reliability on that score.
3. Prepared a cognitive note on the topic Factor Analysis.

Reference Books:

1. Blommers, Paul and Lindquist (1965): Elements Statistical Methods University of London press ltd.
2. Dowine N.M., R.W. Heath (1965): Basic Statistical Methods New York: Harper & Row.
3. Edwards, A.L. (1963): Statistical Methods of Behavioral Science New York: Hall, Rinherth and Winston.
4. Ferguson, G.A.: Statistical Analysis in Psychology and Education New York: McGraw Hill & Co. Inc.
5. Fruther B.: Introduction to Factor Analysis New Delhi: Affiliated east-west-press Pvt. Ltd.
6. Garrett, H.E. (1961): Statistics in Psychology and Education Bombay: Allied Pacific Pvt. Ltd.
7. Guilford J.P. (1965): Fundamental Statistics in Psychology and Education New York: McGraw Hill Co. Inch.
8. Lindquest, E.F. (1968): Statistical Analysis in Educational Research Oxford and IBH Publication Co.
9. Patel, R. S. (2010): Statistical Methods for Educational Research Ahmedabad: Jay Publication
10. Patel, R.S.:(2012) Statistical Techniques for Data Analysis (International Version), LAP LAMBERT Academic Publishing GmbH & Co. Saarbrucken, Germany.
11. Siegel Sidney and N.J. Castdlan (1988): Non Parametric Statistic New York: McGraw Hill Book Company.
12. Patel, R. S. (2010): Fundamental Concepts of Educational Research (Handbook), Ahmedabad: Jay Publication
13. ત્રિવેદી, મનુભાઈ અને બી. યુ. પારેખ : શિક્ષણમાં આંકડાશાસ્ત્ર અમદાવાદ : યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ.

Course No. C106
(Semester – 3)
EDUCATIONAL ADMINISTRATION AND LEADERSHIP

OBJECTIVES:

1. To enable the Student to understand meaning, nature, scope, functions, principles and approaches of Educational administration.
2. To enable the Student to understand the essentials of Educational administration, planning and communication
3. To enable the Student to understand the Theory of Supervision and Inspection
4. To enable the Student to understand and evaluate the Leadership.

Unit 1 An Introduction to Educational Administration

1. Meaning, Definition of Educational Administration.
2. Nature of Educational Administration
3. Administration & Management Philosophy
4. Administration & Management style

Unit 2 Educational Planning and Communication

1. Importance, characteristics, Different elements of planning and Planning Process
2. Approaches of Planning, Institutional Planning and role of Principal and various officers of education
3. Communication: Meaning, Concept, Administrative Communication
4. Importance of effective communication, Basic Principles of effective communication

Unit 3 Supervision and Inspection

1. Supervision, Inspections: Concept and Objectives
2. Supervision, Inspections: Principles
3. Supervision, Inspections: Techniques
4. Duty and responsibilities of Inspector and Supervisor

Unit 4 Leadership

1. Leadership: Meaning and Concept
2. Theory of Leadership
3. Leadership Styles: Motivational style, Supervisory Leadership, Autocratic leadership, Laissez Faire leadership
4. Modern concept of Leadership: Grid concept, Managerial Grid Concept
Tridimensional view of Educational management

Suggested Practical Work:

1. Assignment/term paper on selected theme from the course.
2. A study of the functioning contribution of a VEC/SMC/PTA.
3. Prepare a plan for the mobilization of different types of resources for a school form the community.
4. Analysis of School Education Act of a state.
5. Case studies of School Education Act of states with better results at the secondary/senior secondary levels.

Reference Books:

1. Agarwal, A. (2007) Curriculum Development: Concept, Methods and Techniques Book Enclave, New Delhi.
2. Alexander, R.J. (2001) Culture and Pedagogy: International Comparisons in Primary Education Oxford and Boston, Blackwell.
3. CIET (2006) The Process of Making National Curriculum Framework-2005: A Video Documentary both in Hindi and English, CIET, NCERT, New Delhi.
4. Daniels, H. & Goodland, J. (1979) Curriculum Enquiry the Study of Curriculum Practices McGraw Hill, New York.
5. Daniel, H. & Porter, J. (2011) Educational Theories, Cultures and Learning: A Critical Perspective Routledge, London.
6. Ornstein, A.C., Pojak, E.F. & Ornstein, S.B. (2006) Contemporary Issues in Curriculum Allyn & Bacon, Boston.
7. S.N. Mukerji (1970): Administration of Planning and Finance Acharya Book Dept., Baroda.
8. Shastri M, C, (2010): Educational Management SSTCT Publication, Ahmedabad. (Guj.)
9. Shastri M,C,(2011): Educational Management SSTCT Publication, Ahmedabad
10. Shastri M, C, (2011): Educational Management LAP Lambert Publication, Germany.
11. Shastri M,C,(2011): Educational Planning & financing LAP Lambert Publication, Germany
12. Sears, J.B. :The Nature of Administrative Process Mc Graw Hill, 1950,
13. Sultan M, M.: School Organization and Management Jammu Tavi: Joykay Book House,1989.
14. Tyler, William: School Organization A Sociological Perspective London : Croom Helm 1988.
15. Owens R, G: Organizational Behaviour in Schools Practice Hall, Inc. Englewood Cliffs N.J., 1970.
16. Wiles, J. (2009) Leading Curriculum Development Corwin Press, New Jersey.
17. Wiles, J. W.& Joseph, B.(2006) Curriculum Development: A Guide to Practice Pearson Publication, London.
18. રાણા, એ.જે. : શાળા નિરીક્ષણ અને અધિક્ષણ રેટ એકેડમી, અમદાવાદ.

Course No. C107
Semester – 3
PEDAGOGY OF CURRICULUM AND ASSESSMENT

Objectives

The students will be able to understand

1. Definition and meaning of curriculum Transaction.
2. Describe various methods/media for transaction.
3. Discuss approaches of curriculum transaction.
4. Explain role of ICT in curriculum Transaction.

Unit 1- (A) Meaning and Concept of Curriculum

1. Principles of curriculum development
2. Meaning and concept of curriculum, Curriculum as a Field of Study
3. Types of Curriculum
4. Evaluation of Curriculum

(B) Foundations of Curriculum

1. Psychological and Sociological Foundations of Curriculum
2. Basic Human Needs and Curriculum
3. Curriculum and the Role of Teachers, Curriculum Change

Unit 2- Curriculum Development

(A) Curriculum Planning

1. Levels of Curriculum Planning
2. Principles of Curriculum Planning
3. Defining Curriculum Planning
4. Curriculum Planning Framework
5. Development of Specific Curriculum Plans
6. Learner Involvement in Curriculum Planning
7. Improvement of Curriculum Planning
8. Trends and Issues in Curriculum

(B) Curriculum Designing

1. Components of Curriculum Design
2. Sources of Curriculum Design
3. Dimensions of Curriculum Design,
4. Curricular Approaches
5. Models of Curriculum Development,
6. Basic Takes of Curriculum Development
7. Hidden Curriculum

Unit 3- The Meaning of Curriculum Transaction & Structure of Curriculum Material

1. Meaning of Curriculum transaction.
2. Minimum requirement for transaction of curriculum : (Duration, in-take, eligibility of students, content, qualification of teaching staff, infrastructure facilities institutional facilities, (classroom climate)

3. Curricular materials: Textbooks - presentation of content, language, illustrations, episode, stories and practice exercise etc.
 - a. Teacher's guide: its role in transaction.

Unit 4- Integration of ICT in Curriculum Transaction

1. Relationship between Curriculum Transaction and Instruction.
2. Instructional Design and Instructional System.
3. ICT in transaction of curriculum, its importance and role Various modes of ICT (TLM, CAL, CAI) for transaction with their strengths and limitation.
4. ICT use of in teaching-learning of social science Role of Communication in Transaction.

Suggested Practical Work:

1. Identify various criteria to evaluate textbook / programme /course.
2. Based on above criteria, evaluate any course/programme/curriculum
3. Identify Various issues involved in evaluation of course/programme/ curriculum

Reference Books:

1. Anderson & Vernon: Principles and Procedure of Curriculum Improvement Ronald Press Company, New York, 1956.
2. Chagla, M.C.: The Role of Education in the World of Today Asia Publishing House, Bombay, 1962.
3. Chary, Ryland, W.: Humanizing the School Curriculum Development and Theory Random House, New York, 1969.
4. Denis Lawton and et. Al.: Theory and Practice of Curriculum Studies Routledge and Kegan Paul, London, 1978.
5. Dewey, John: The Child and the Curriculum The University of Chicago Press, 1959.
6. Doll Ronald C. (1986): Curriculum Improvement: Decision Making Process London, Allyon and Bacon Inc.
7. Erickson, H.L (2002): Concept Based Curriculum and Instruction: Teaching beyond the facts Corsion Press, INC (A Sage Publication Company) Thousand Oaks: California.
8. Goodlad, John I.: Curriculum a Janus Look The Record: 1968.
9. Gupta, Bishambar Das, Values in Education dyoatian 1966.
10. Gwynn, Minor, J. and Chase, John B., Curriculum Principles and Social Trends Macmillan Coy., New York. 1969.
11. NCERT (1984): Curriculum and Evaluation NCERT, New Delhi.
12. NCERT (2006): Systematic reforms for Curriculum Change New Delhi.
13. UNESCO (1981): Curriculum and Life Long Education UNESCO, Paris.
14. Verduin J.R. (1967): Cooperative Curriculum Improvement Prentice Hall.
15. Whecker D.K. (1967): Curriculum Process University of London Press.
16. દોલતભાઈ બી. દેસાઈ અને મોસીસ પ્રમીલા બી. દેખતાવાલા, અભ્યાસક્રમ સિદ્ધાંતો અને અભ્યાસક્રમ સંરચના યુનિવર્સિટી ગ્રંથનિર્માણ બોર્ડ, ગુજરાત યુનિવર્સિટી, ૧૯૮૪.
17. ડોલરરાય મોંકડ, પ્રાચીન ભારતમાં શિક્ષણ ગુજરાત યુનિવર્સિટી, ૧૯૬૫.

CBCS

M.Ed. SYLLABUS

SEMESTER - IV

Note:

1. In this semester all the course carries of four units.
2. Transaction time for each unit is nearly about 15 hours and total time is nearly about 55-60 hours.
3. Evaluation Weightages for each unit is 25%.

Course No. A009
Semester – 4
M. Ed. Core Course – IX
TREATMENT OF DATA & RESEARCH REPORT WRITING

Objective:

To enable student to understand

1. Theoretical understanding of treatment of data, their stages and its application.
2. The different strategies and techniques for data analysis
3. The uses of computer package
4. The different style of report writing and their application.
5. The cauterization of the report writing.
6. The characteristics of Philosophical, Psychological and Sociological researches in education.

Unit – 1: Treatment of data

1. Classification of data
2. Types of quantified data
3. Tabulation of data
4. Quantification and description of data
5. Selection of techniques for analysis of data
 - a) Descriptive statistics (No Computation)
 - Measures of central tendency
 - Measures of variability
 - Percentage PR, P(n)
 - Co-relation (product moment and rank difference methods)
 - Significance of Measures
 - b) Inferential statistics (No Computation)
 - Non-parametric methods : chi-square test, sign-test, median-test, Mann-Whitney U-Test, Kendal – T Test
 - Parametric methods : t-test (C.R.), F-test
 - c) Elementary idea of Normal Probability Curve, its properties, uses, Sk & Ku, level of significance, One tailed- two tailed test, α error, β error

Unit-2 Use of Computer Packages and Conclusions and implications

1. Different computer packages, its use in data analysis
2. Generalization and conclusions
3. Deriving implications

Unit – 3: Writing research report: (Mechanics of writing research report)

1. Specific Considerations of Reports Writing
2. Some Technical Points of Report Writing – Quotations, Tables, Graphs and Appendices
3. Structure of Report Writing – Introductory part, Content part, Reference Related part

4. Errors Committed in Report Writing
5. Evaluation Criteria of Research Report

Unit-4 Chapters in Report Writing

1. Statement of Problem & Definition of Key Words
2. Review of Related Literature
3. Research Design
4. Treatment of Data
5. Summary, Finding and Recommendations

Suggested Practical Work:

1. Analytical review of past researches of a research
2. Errors committed in a past research report and/or evaluation of past research
3. Treatment of the data adopted in a particular research by the researcher
4. Preparation of synopsis of your Dissertation topic and present in your group seminar
5. Prepare Research Proposal of Minor Research Project on any topic of Educational Research.

Reference Books:

1. Best, John W. (2005): Research in Education (10 ed.): Englewood Cliffs, N.J.: Prentice Hall, Inc.
2. Borg, W.R. & Gall M.D. (2006) : Educational Research – An Introduction (8th ed.) New York; Longman Inc.
3. Burroughs G.E.R. (1975): Design and Analysis in Educational Research (2nd ed.) Oxford : Alden & Mow bray Ltd.
4. Bruce W. (1952): Conduction Educational; Research (2nd ed.) New York: McGraw Hill Book Co.
5. Desai H.G. (1979): Style Manual for Dissertation / Theses Rajkot, Saurashtra University.
6. Gephart W.J. & Ingle, R. B. (1969) : Educational Research (Selected Readings)
7. Gilbert, S. (1979): Foundations of Educational Research Englewood, Cliffs, New Jersey : Prentice Hall Inc.
8. Hyman H.H.(1955) : Survey: Design and Analysis Principles Cases Procedures New York : The Free Press
9. Kerlinger F.N. (1999): Foundations of Behavioral Research (4th ed.): Educational & Winston Inc.
10. Koul Lokesh (2009): Methodology of Educational Research (4th ed.): New Delhi : Vani Educational Book.
11. Levin, J. (2009): Elementary statistics in Social Research (11th ed.): London, Pearson.
12. Lynch,M.D. & Huntsberger, D.V. (1976) :Elements of Statistical Inference for Education and Psychology Allyn and Bacon Inc.
13. Patel R. S. (2010) Fundamental Concept of Research (Research Handbook): Ahmedabad, Jay Publication
14. Patel R.S. (2015) Research Methodology (3rd ed. Gujarati Version), Ahmedabad, Jay Publication.

15. Patel R.S. (2015): Research Methodology (1st ed. English Version), Ahmedabad, Jay Publication.
16. Patel, R.S. (2012): Statistical Techniques for Data Analysis (International Version), LAP LAMBERT Academic Publishing GmbH & Co. Saarbrücken, Germany.
17. Patel, R.S.: (2011) Research Handbook, (For all disciplines) (International Version), First Edition, LAP LAMBERT Academic Publishing GmbH & Co. KG Dudweiler Landstr. 99, 66123 Saarbrücken, Germany.
18. Rummel J.F. (1964) An Introduction to Research Procedure in Education (2nd ed.)
19. Sharma R.A. (1984): Fundaments of Educational Research Meerut: Loyal Bool Depot.
20. Sukhia S.P., Mehrotra R.N. (1990-91): Element of Educational Research (5th ed.) Agra: Vinod Pustak Mandir.
21. Tavers, R.M.V. (1978): An Introduction to Educational Research (4th ed.) London: The Macmillan Co.
22. Tuckman B.W. (2012): Conduction Educational Research (6th ed.)New York: Harcourt Braco Jovenovich Inc.
23. Van Dalen D.B., Meyer, William, J. (1979): Understanding Educational Research – An Introduction New York: McGraw Hill Book Co.

Course No. B105
(Semester – 4)
ISSUES AND CHALLENGES IN PRIMARY EDUCATION

Objective:

The trainees will be able:

1. To know and understand the development of Primary Education in India and Gujarat.
2. Understand the recommendation if various commissions in terms of Primary Education.
3. Know the resisting questions in terms of Primary Education and understand about their solutions.
4. Know about various programs for quality improvement of Primary Education and understand in terms of its implementation.
5. Understand new dimensions in terms of expanding horizons of Primary Education.

Unit-1 Development of Primary Education in India and Gujarat

1. Concept and need of primary education
2. Development and current studies of primary education in India
3. Development and current studies of primary education in Gujarat
4. Primary Education in India and Gujarat
5. Comparison of primary education of America, Australia, U.K. and Japan in world context.

Unit-2 Recommendation of various commissions in terms of Primary Education.

1. Recommendation of various commissions in terms of Primary Education before independence.
2. Recommendation of Kothari Commissions 1964-66, National Education Policy, 1986, Implementation program of 1992 in terms of development of primary education after independence.
3. Recommendations of Ishwarbhai Patel review committee, 1976-77 about productive work useful for society in primary education without burden
“Recommendations of D’lors commission in terms of four pillars of education and recommendations of Gyanpanch Knowledge Committee in terms of Primary Education.

Unit-3 Questions and solutions of primary education

1. Constitution’s Article 45 and Right to Education in terms of Universalization of primary education
2. Registration, enrollment, program and stability at primary level
3. Primary education of SC, ST and Gifted Children and attempts of adjustment
4. Current issues of Primary Education in Gujarat
5. Teacher Student Ratio at primary and upper primary level
6. Administrative and other supporting staff
7. Different Non-Academic Actives of teachers and its effects
8. Solutions: SWOT analysis

Unit-4 Innovations in Primary Education

4. Language Education and medium of instruction – mother tongue at primary level.
5. Art, Music, Yoga Education in terms in Physical Education at primary level and the roll of teacher.
6. Concept, Nature and need of adolescent education at primary level and the roll of teacher.
7. Scholastic Comprehensive Evaluation at Primary level.
8. Virtual Classroom Education (BISAG)

Suggested Practical Work:

1. Prepare a report based last 5 years' Dias report showing situation of primary education in Gujarat.
2. Prepare a review report in terms implementation of recommendations of various commissions on development and quality of primary education.
3. Prepare a report in terms of universalization and RTE implementation in 5 schools of any Taluka
4. Prepare a report in terms of Government schemes of the education of SC, ST and gifted children.
5. Visit a school and prepare a report in terms of scholastic comprehensive evaluation in Std. 3 to 6.
6. Prepare a report by visiting school and teachers in terms of cost discrimination at primary level.
7. Prepare a report on SWOT analysis by visiting various types of Primary school, CBSC, Navodaya Vidyalaya, Kasturba Gandhi Bal Vidyalaya (KGBV)
8. Prepare a report by studding activities and problems of CRC and BRC
9. Organize a discussion meeting and prepare a report in terms of situated as questions received in the question box for adolescents in primary school
10. Study and prepare a report about the responses of parents and teachers on mother tongue as a medium of instruction.

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8. કસ્વેકર આરતી અને પટેલ વિનુ ભાઈ(2003). તાત્કાલિક શિક્ષણ અને પ્રજનન સ્વાસ્થ્ય અમદાવાદ, સ્વાસ્થ્ય સેવા ટ્રસ્ટ પ્રકાશન.
9. યશપાલ કમિટીનો અહેવાલ : નવી દિલ્હી, ભારત સરકાર, એમ.એચ.આર.ડી
10. શેઠ શાંતિભાઈ અને રાવલ આર.સી. (2002). પ્રત્યાયન અભ્યાસક્રમ વિશેષાંક ગાંધીનગર, ગુજરાત રાજ્ય શાળા પાઠ્યપુસ્તકમંડળ
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Pedagogy of Curriculum in Primary Education

Objectives:

The trainees should be able to

1. Understand the concept need of curriculum
2. Understands the principles, objective and features of construction of curriculum in the field of primary education
3. Understand the related the curriculum transition strategy
4. Understand the curriculum evaluation and its various approaches
5. Understand various problems of curriculum development

Unit-1 Principles and Structure of Curriculum

1. Meaning, Nature and Need of Curriculum
2. Principles and features of Curriculum
3. Structure of National Curriculum (2005) and Structure of National Curriculum of Teacher Training (2009)
4. Difference between Curriculum and Syllabus

Unit-2 Principles of Curriculum Development and Analysis of Syllabus

1. Principles of Curriculum Development: Philosophy Based, Psychology Based and Social Based.
2. Factors of Syllabus analysis and content material of syllabus
3. Text book writing structure and characteristics
4. Methodology of development: Workbook, Teacher handbook

Unit-3 Teacher and Curriculum transition strategy

1. Thought and constructivism based on curriculum
2. Joyful Education due to teachers and methodology
3. Teaching of Life skills and creativity
4. Analysis of curriculum of Primary Education and role of ICT.
5. Pragna Abhigam

Unit-4 Curriculum Evaluation and research

1. Meaning and Nature of Curriculum Evaluation
2. Approaches of Curriculum evaluation Continues Comprehensive Education (CCE) and Scholastic Comprehensive Evaluation
3. Constructivist approach, meaning, importance, characteristics, content validity
Summative valuation: concept, importance, evaluation of formal students, opinions of teachers, responses of parents, situation based analysis and interview
4. Research in Curriculum: Curriculum weightages, Curriculum reforms, Curriculum planning and Future Direction.

Reference Books:

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Course No. B107
Semester – 4
EDUCATION MANAGEMENT & ORGANIZATION
IN PRIMARY EDUCATION

Objectives:

The trainees should be able to

1. Understand various policies of Government planning and their introduction at primary level
2. Think about planning, policy and execution strategy of primary level
3. Understand about school organization and Education Management
4. Understand about innovative contribution of school education management and planning
5. Understand about organization, policy, research and innovation at school level
6. Understand about the structure of the Universal Elementary Education (UEE)

Unit-1 Management of Primary Education and Current Policies

1. Management of Primary Education: Meaning, Concept, need, nature of management and educational management
2. Current Policies and Execution Strategy: Primary education committee in central government, state government, district, rural area, district panchayat, urban area, and idea of management of school management committee.
3. Nature of management of various types of primary school: Government school, private school, Grant-in-aid school, Navodaya Vidyalaya, CBSE, District Panchayat managed school, school at local level
4. Strategy for fully priority fields, implementation system, training and research and orientation management of DISE for education for management at local level

Unit-2 Planning and School Management

1. Planning: Planning design and dimension required forms and structure of selection of place for primary school
2. Teacher student ratio, program for profession development for teachers, functions and role of construction of school management committee
3. District education office, role, duties and functions, construction and importance of Parent-Teacher Association
4. School based criteria, facility criteria and teacher based criteria.

Unit-3 Universalization of Elementary Education (UEE)

1. Concept, importance and resisting factors of Universalization of Elementary Education
2. Current situation of Universalization of Elementary Education in India, Right to Education Act, 2009 and remedies for strategy of Universalization
3. Overall thinking about nature of structure up to Std. 7 regulatory primary education in India, and Regulation of Primary Education Comparison of primary education with other countries of the world (America, Japan, England, Australia, Finland)

Unit-4 Programs and Policies of Primary Education

1. Operation Black Board scheme and its implementation
2. Mid-day Meal Scheme and its implementation
3. Sarva SikshaAbhiyan (SSA) – Concept, objectives and implementation
4. Concept, nature and implementation of school of comprehensive evaluation (SCE)
5. Different Programs: Pravesh Utsav, Kanya Kedavani, Gunotsav, Balmela
6. In-Service training program.

Suggested Practical Work:

1. Prepare a report by collecting articles by using newspapers, periodical and intent in terms of policy and operation strategy about primary education by central and state government.
2. How does the management of primary schools managed by District Panchayat in Rural areas and Municipal School Board in Urban areas work? – Prepare a report.
3. Prepare a report on teacher-student ratio, strength of standard wise students, subject teaches of any one school of your district according to provision of RTE Act 2009
4. Prepare a report for evaluating the activities of a district in terms of SSA
5. Evaluate quantitatively and qualitatively the Mid-day Meal Scheme in Rural and Urban schools
6. Organize and administrator an orientation program in terms of RTE
7. Prepare a report on functions and problems of primary education officer, education Inspector, BRC, CRC and coordinator
8. Prepare a comparative note on primary school and residential school
9. Prepare a report suggesting steps to solve problems of primary schools at primary level
10. Prepare a report on review regulatory quality importance of primary school of urban area
11. Prepare a report on reviewing annual planning and implementation of a primary school
12. Review in terms of qualitative management of a primary school in terms of responsible leadership and participating management
13. Prepare a report by constructive and trying out of a school evaluation criteria for evaluation of primary school
14. Prepare a report by SWOT analysis of a primary school
15. Find out a program run by central government and test its effectiveness

Reference Books:

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Course No. B108
(Semester – 4)
ISSUES AND CHALLENGES IN SECONDARY EDUCATION

Objectives:

After completion of this course the student shall be able to

1. Understand different forms and issues of inequality and inequity in education, and the ways to address them in the school and classroom situations.
2. Realize the importance of the right to education and the provisions in the RTE Act 2009.
3. Identify the indicators and standards of quality in education and implement the strategies for enhancing the quality of school education.
4. Understand the domains of human rights and role of education to safeguard the rights.
5. Realize the need for integration of environmental concerns in school education.
6. Understand the strategies for development of life skills and the role of teachers in developing the life skills.
7. State relation between population growth and environmental population

Unit-1 Equality and Equity in Education

1. Equality and equity: Meaning, need and importance; Equality of educational opportunities-Related Constitutional provisions.
2. Nature and forms of inequality with reference to Gender, Socio-Economic Status, socio-cultural status, Minority (Linguistic & Religious), Locality (Rural-Urban-Tribal), Children with special needs (CWSN). Inclusive Education for addressing inequity
3. RTE, SSA, and RMSA; Provisions for addressing inequality

Unit-2 Quality in Education

1. Concept of quality in Education; Indicators of Quality Education-Academic and Organizational and Role of teachers for enhancing quality in education.
2. Quality improvement in education – setting up standards for performance, supporting inputs, adoption of flexible strategies for learning, and monitoring
3. Organizational strategies for enhancement of quality in school education.
4. Resource support institutions for quality enhancement: NCERT, NUEPA, NIOS, DRC – Structure and functions

Unit-3 Human Rights and Peace Education

1. Human rights: Concept, fundamental rights in Indian constitution & background to humanities
2. Domain of Human Rights: RTI, Poverty, Child Labor, Child Rights, Rights of Woman; Social role of Education in safeguarding Human Rights
3. Peace Education: Concept and relevance in National and International contexts; Quality of life and Peace
4. Role of education in promoting peace.

Unit-4: Education for environmental concerns

1. Protection and conservation of environment – need are importance in global and local contexts.
2. Policies for protecting and conserving environment and Measures for environmental conservation : Management of Natural Resources, Bio-diversity concept of sustainable development
3. Environmental Education: Integration of environmental concerns in school curriculum
4. Strategies for sensitizing learners towards protection of environment and its conservation and Relation between population growth and Environmental Pollution

Suggested Practical Work:

Each student-teacher is required to submit one assignment selecting from area given below:

1. Observation and reporting on fulfillment of RTE provisions in any school.
2. Identification of Iniquitous treatment observed in classroom and school situations and preparation of report.
3. Assessment of quality of education in any school as per the organizational /academic indicators
4. Analysis of any one textbook with regard to incorporation of environmental concerns.
5. Preparation of a report on community action and practices in promoting life-skill among the young mass.
6. Observation and reporting on violation of child rights in any locality.

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27. UNESCO (2012). *Shaping the education of tomorrow: 2012 report on the Un-decade of education for sustainable development* Paris : UNSECO
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31. WHO (1999). *Partners in life skills training: conclusions from a United Nations inter-agency meeting* Geneva: WHO.
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Course No. B109
Semester – 4
PEDAGOGY OF CURRICULUM IN SECONDARY EDUCATION

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

1. understand the Pedagogy and Curriculum of secondary and senior secondary education
2. know the theoretical schools of thought and their pedagogies
3. know teaching strategies and multiple intelligence
4. learn to evaluate curriculum

Unit: 1 Pedagogy and Curriculum

1. Concept and Meaning of pedagogy- effective pedagogy
2. Models of Pedagogy: Performance Model, Competence Model
3. Content-driven curricula, Process-driven curricula, Objectives-driven curricula, Competence based curricula
4. A quality teacher.

Unit: 2 Theoretical institutes of good teacher orientation to pedagogy

1. Behaviourism, Teacher- centred learning, 'Performance', visible pedagogy
2. Constructivism, Child-centred learning, 'Competence' or invisible pedagogy
3. Social constructivism, Teacher- guided, Learner -student centred learning
4. Liberationist, democracy, Critical pedagogies

Unit: 3 Teaching Strategies

1. Thinking Skills strategies such as De Bono's Six Thinking bits and Mind Mapping
2. Co-operative learning, left and right brain functions
3. Bloom's Taxonomy – the cognitive and affective domains; Habits of Mind (16 Intelligences) - Art Costa
4. Effective Teaching Practice Strategies: visual presentation, the act of setting or providing tasks and related skills

Unit: 4 Curriculum and Evaluation in Secondary Education

1. Principles of School Curriculum Development at Secondary and higher Secondary, CCE (Continuous Comprehensive Education) in Teacher Education.
2. Continuous Comprehensive Education in summative and formative
3. Evaluation of school experience/internship programmes. Objectives and Planning
4. Organization and regulation of internal assessment in PSTE: Pre Service Teacher Education
5. Teacher appraisal tools & techniques
6. Teacher self-appraisal, Peer appraisal and appraisal by learners

Suggested Practical work:

1. Demonstrating a training technique with peers
2. Constructing a tool for evaluation of specified skills/understanding/attitudes
Evaluation of any one of the in-service teacher training programme organized by any one of the resource institutions
3. Preparation of a plan for INSET of the teachers of school.
4. Construction of Tools for identification of Training needs in different subject areas.
5. Identification of Training needs of a group of teachers of a school.
6. Preparation of self-learning material/e-content for secondary school teachers.
7. Appraisal of a training programme organized by DIET/IASE/CTE.

Reference Books:

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9. Lovat., T.J "The Role of the 'Teacher' coming of Age?" Australian Council Deans of Education Discussion Paper, 2003
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Course No. B110
Semester – 4
EDUCATIONAL MANAGEMENT IN SECONDARY EDUCATION

Objectives:

After completion of this course the student-teacher shall be liable to:

1. Understand the importance of educational planning and school management.
2. Prepare a list of resources in school for effective school management.
3. Understand the ways of resolving problems in classroom management.
4. Analyze different learning resources for effective classroom management.

Unit 1: Educational Planning and School Management

1. Educational Planning - Concept, Types(National, State and District; Short Term and long term; Macro and Micro)
2. School Management - Meaning, Importance, Types and Process, School Development Plan – Meaning, Nature, Importance and Steps
3. State Policies in School Development Plan and School Management
4. Role of Teacher, SMDC and Community in the preparation of school development plan and in school management.

Unit 2: Resource Management

1. Infrastructural Resources : physical space-building and open space, Furniture, Water and Sanitation facilities(separate toilet, garbage disposal, safe drinking water) Barrier-free Environment
2. Material resources : Equipment and Teaching-Learning Materials
3. Financial Resources : Grants (State Policy), Funds generation, Donations, Other sources
4. Human Resources : Students, Teachers, Parents, Community and Local Resource Persons – their inter-relationship, Role of teacher in resource management in schools

Unit 3 : Monitoring the School

1. Monitoring – Meaning, Importance and scope
2. Objectives of monitoring at the secondary levels
3. Mechanisms of monitoring: Structure, personnel and functions; Ongoing,
4. Monitoring practices and related issues and Conflict Management

Unit 4 : Classroom Management

1. Effective classroom management for quality learning: Teacher as a facilitator/manager of classroom learning
2. Components of Classroom Environment: Learning situation, Space and Time, Motivation and Discipline
3. Management of learning situations: Management of group and Individualized learning, Management of space and time : Seating arrangement and Time allocation

4. Management of Motivation and Discipline. Student involvement in the development, collection/procurement, use and management of learning resources.

Suggested Practical Work:

Each student-teacher is required to submit one assignment from the given below:

1. Case study of a child with behavioral problems
2. Survey of resources available in a school and the manner of their utilization.
3. Appraisal of a School Development Plan.
4. Preparation of a plan for ensuring quality learning in a class/ subject using ICT
5. Assessment of the existing monitoring mechanism at the secondary level in the state and suggestions for improvement.

Reference Books:

1. Emmer, E.T. & Everson, C.M.(2008). *Classroom management for middle and high school teachers* (8th ed.) New York: Allyn and Bacon.
2. Glasser, William (1993). *The Quality school Teacher* New York, NY: Harper Collins Publishers, Inc. Glasser, William (1990). *The Quality School* New York, NY: Harper Collins Publishers, Inc.
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Format of Question Paper for M.Ed. Programme

Section-1		
Q.1 From Unit-1 & 2	Answer any two out of three from the following questions. Each answer should be in about 750 words. (One or Two essay type applied question is to be asked From Unit-1 & 2) Each question carries 10 Marks	20 Marks
Q.2 From Unit-1 & 2	Q.2 - (A) Answer any two out of three from the following questions. Each answer should be in about 125 words. Each question carries 05 Marks. From Unit-1 & 2	10 Marks
	Q.2 - (B) Answer the following five questions in short. Each question carries 01 Marks. From Unit-1 & 2	05 Marks
Section-2		
Q.3 From Unit-3 & 4	Answer any two out of three from the following questions. Each answer should be in about 750 words. (One or Two essay type applied question is to be asked From Unit-3 & 4) Each question carries 10 Marks.	20 Marks
Q.4 From Unit-3 & 4	Q.2 - (A) Answer any two out of three from the following questions. Each answer should be in about 125 words. Each question carries 05 Marks. From Unit-3 & 4	10 Marks
	Q.2 - (B) Answer the following five questions in short. Each question carries 01 Marks. From Unit-3 & 4	05 Marks
Total Marks		70 Marks

NOTE: For the PG Assessment (M.Ed.) there must be internal examiner that is within the University and External Examiner that is outside the University. One section of the PG must be assess by external examiner and one section by internal examiner for the objectivity and transparency of the assessment.

Gujarat University

M.Ed.

Dissertation Evaluation Report

Code Number of Dissertation:

Title of the Dissertation:

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Special Features of the Dissertation:

1.
2.
3.
4.
5.

Suggestions regarding Dissertation:

1.
2.
3.
4.
5.

Questions for VIVA VOCE:

1.
2.
3.
4.
5.

Date:

Name and Signature of Examiner

Appendix - A**GUJARAT UNIVERSITY
AHMEDABAD – 380 009****M. Ed. Dissertation Evaluation Marksheet**

Name of the Examiner:

Sr. No.	Particular	Marks	Code no. of the students				
1	Introduction, Importance, Statement of the problem	10					
2	Objectives, Hypothesis	10					
3	Limitations, Definitions of the terms (Key Words), Variables	05					
4	Review of related literatures	15					
5	Population and Sample	10					
6	Tools for data collection	10					
7	Methods of data collection and Data analysis.	05					
8	Classification of data, tabulation and data interpretation	40					
9	Summary of research	10					
10	Conclusions/Findings	10					
11	Educational Implication and suggestions	10					
12	Foot Note/References/Bibliography	05					
13	Overall Impression	10					
Total		150					

Date :

Signature of the Examiner

GUJARAT UNIVERSITY
AHMEDABAD – 380 009

M. Ed. Dissertation VIVA Evaluation Marksheet

Name of the Examiner:

Sr. No .	Particular	Mar ks	Code number of the Students									
1	Knowledge about special features of the dissertation	10										
2	Clarity regarding suggestions	20										
3	Questions related to the report	20										
Total Marks		50										

Date:

Signature of the Examiner

OUR GUIDELINE SOURCES

- **Curriculum Framework Two Year M.Ed. Programme (December, 2014), NCTE, New Delhi. www.ncte-india.org**
- **National Curriculum Framework (NCF-2009) For Teacher Education, Towards Preparing Professional and Humane Teachers, NCTE, New Delhi.**

We are Thankful to the following committee members, Contributors and Faculty Members and Reviewers of Education Discipline.

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Any suggestions regarding this M.Ed. Syllabus for enhancing quality of teacher education are welcome. The University shall consider them after reviewing them as per norms.