FACULTY OF EDUCATION
SYLLABI
FOR
M.Ed. (GENERAL)
Two Year (Regular Course) Semester System
(Í to IV Semesters)
&
CREDIT BASED SYSTEM
EXAMINATIONS 2021-2022
APPLICABILITY OF REGULATIONS FOR THE TIME BEING IN FORCE

Notwithstanding the integrated nature of the course spread over four semesters in two academic years, the regulations in force at the time a student joins a course shall hold good only for the examinations held during or at the end of each semester. Nothing in these regulations shall be deemed to debar the University from amending the regulations subsequently and the amended regulations, if any, shall apply to all students whether old or new.
M.ED. (GENERAL)

TWO YEARS REGULAR COURSE CREDIT BASED SEMESTER SYSTEM
SEMESTER-WISE OUTLINE OF SYLLABI, COURSES OF READING AND TESTS
FOR THE DEGREE OF M.ED. (GENERAL) FOR THE EXAMINATIONS OF 2021-2022

GENERAL OBJECTIVE
To prepare students as Teacher Educators, Administrators and Researchers for various
institutions engaged in Teaching, Educational Research and Educational Planning.

SPECIFIC OBJECTIVES: The objectives for M.Ed. (General) course are as follows:
- To prepare teacher educators and other education professionals including curriculum
developers, educational policy analysts, planners, administrators, supervisors, school
principal and researchers.
- To prepare professionals for teaching in colleges of education.
- To train professionals for psychological testing; personal, educational and vocational
guidance; statistical analysis with an educational orientation.
- To orient students for participation in programmes of educational evaluation and
examination reforms.
- To train professionals for organizing curriculum development and preparation of
instructional materials.
- To prepare teacher educators through systematic study and research in order to contribute
to the development of educational literature and lead to the growth of education as a
discipline.

GUIDELINES FOR CONTINUOUS INTERNAL ASSESSMENT
The following are the guidelines, mode of testing and evaluation for Continuous Internal
Assessment of students. It will include written/house test, snap test, participation in discussion
in the class, sessional work, term papers, attendance etc. The Colleges/Departments will conduct
these and assign weightages as quantified below:

1. Written Test : 50 marks
2. Snap Test : 15 marks
3. Participation in Class discussion : 10 marks
4. Term Paper/Assignmet/Presentation : 15 marks
5. Attendance : 10 marks

Total: 100 (reduced to 20)

Weightage of three marks for attendance component out of 20 marks for Continuous Internal
Assessment shall be available only to those students who attend 80% and more of classroom
lectures. The break-up of marks for attendance component for theory papers shall be as
under:
Attendance Component | Marks for Theory Papers  
---|---  
a) Below 80% | Nil  
b) 80% and above up to 85% | 1  
c) Above 85% | 2

Duration of each paper in the semester end examinations will be of three hours.
## Outlines of tests, syllabi and courses of reading for M.Ed. (General) 2 Year Syllabus

### M.Ed. General Semester I

**Program Code: MEDGN-I**

<table>
<thead>
<tr>
<th>Paper</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>External</th>
<th>Internal</th>
<th>Total</th>
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<tbody>
<tr>
<td>I</td>
<td>C01-PIE-I</td>
<td>Perspectives in Education-I</td>
<td>4</td>
<td>70</td>
<td>-</td>
<td>10</td>
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<tr>
<td></td>
<td></td>
<td>(sessional work)</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
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<tr>
<td>II</td>
<td>C02-LLP-I</td>
<td>Learner and Learning Process-I</td>
<td>4</td>
<td>60</td>
<td>10</td>
<td>20</td>
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<tr>
<td></td>
<td></td>
<td>(Practical)</td>
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<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>III</td>
<td>C03-ERS-I</td>
<td>Educational Research and Statistics-I</td>
<td>4</td>
<td>70</td>
<td>-</td>
<td>20</td>
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<td></td>
<td></td>
<td>(sessional work)</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>IV</td>
<td>C04-HOE-I</td>
<td>History of Education-I</td>
<td>4</td>
<td>70</td>
<td>-</td>
<td>20</td>
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<td></td>
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<td></td>
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<td>100</td>
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<tr>
<td>V</td>
<td>C05-TED-I</td>
<td>Teacher Education-I</td>
<td>4</td>
<td>70</td>
<td>-</td>
<td>20</td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>100</td>
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<tr>
<td>VI</td>
<td>C06-DIS-I</td>
<td>Dissertation – I (Orientation to writing a synopsis)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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Aggregate of Semester - I = 500 marks Total Credits = 20
One Credit= 1 hour/week
## M.Ed General Semester II

**Program Code: MEDGN-II**

<table>
<thead>
<tr>
<th>Paper</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Theory</th>
<th>Practical</th>
<th>Assessment</th>
<th>Sessional work/Practical</th>
<th>Total</th>
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<tbody>
<tr>
<td>I</td>
<td>C07-PED-II</td>
<td>Process of Education-II</td>
<td>4</td>
<td>70</td>
<td>-</td>
<td>20</td>
<td>10 (sessional work)</td>
<td>100</td>
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<tr>
<td>II</td>
<td>C08-PIS-II</td>
<td>Psychology for Individual and Social Development-II</td>
<td>4</td>
<td>60</td>
<td>10</td>
<td>20</td>
<td>10 (Practical)</td>
<td>100</td>
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<tr>
<td>III</td>
<td>C09-ERS-II</td>
<td>Educational Research and Statistics-II</td>
<td>4</td>
<td>70</td>
<td>-</td>
<td>20</td>
<td>10 (sessional work)</td>
<td>100</td>
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<tr>
<td>IV</td>
<td>C10-DIS-II</td>
<td>Dissertation-II (submission of Research Proposal)</td>
<td>1</td>
<td>-</td>
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<td>25</td>
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<tr>
<td>V</td>
<td>C11-SDS-II</td>
<td>Self Development Skills –II (Yoga, Communication and Professional Skills)</td>
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<td>-</td>
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<td>25</td>
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<td>VI</td>
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<tr>
<td></td>
<td>E01-PSE-II</td>
<td>Pedagogy of Science Education-II</td>
<td>4</td>
<td>70</td>
<td>-</td>
<td>20</td>
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<tr>
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<td>E02-PSS-II</td>
<td>Pedagogy of Social Science Education-II</td>
<td>4</td>
<td>70</td>
<td>-</td>
<td>20</td>
<td>10 (sessional work)</td>
<td>100</td>
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<tr>
<td></td>
<td>E03-PLE-II</td>
<td>Pedagogy of Language Education-II</td>
<td>4</td>
<td>70</td>
<td>-</td>
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<td>10 (sessional work)</td>
<td>100</td>
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<tr>
<td></td>
<td>E04-PME-II</td>
<td>Pedagogy of Mathematics Education-II</td>
<td>4</td>
<td>70</td>
<td>-</td>
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**Aggregate of Semester - II = 450 marks**  
**Total Credits = 18**  
**One credit= 1 hour/week**
M.Ed General Semester III

Program Code: MEDGN-III

<table>
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<tr>
<th>Paper</th>
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<th>Course Title</th>
<th>Credits</th>
<th>Theory</th>
<th>Practical</th>
<th>Assessment</th>
<th>Sessional work/Practical</th>
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<tbody>
<tr>
<td>I</td>
<td>C12-ESD-III</td>
<td>Education for Sustainable Development &amp; Global Peace-III</td>
<td>4</td>
<td>70</td>
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<td>100</td>
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<tr>
<td>II</td>
<td>C13-GNC-III</td>
<td>Guidance and Counselling-III</td>
<td>4</td>
<td>60</td>
<td>10</td>
<td>20</td>
<td>10 (Practical)</td>
<td>100</td>
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<tr>
<td>III</td>
<td>C14-MEV-III</td>
<td>Measurement, Assessment and Evaluation-III</td>
<td>4</td>
<td>70</td>
<td>-</td>
<td>20</td>
<td>10 (sessional work)</td>
<td>100</td>
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<tr>
<td>IV</td>
<td>C15-EPF-III</td>
<td>Educational Management, Policy Planning -III</td>
<td>4</td>
<td>70</td>
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<td>10 (sessional work)</td>
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<tr>
<td>V</td>
<td>C16-FAI-III</td>
<td>Field Attachment/Internship (Actual Conduct)</td>
<td>2</td>
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<td>-</td>
<td>50</td>
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Aggregate of Semester - III = 450 marks
Total Credits = 18
One credit= 1 hour
### M.Ed General Semester IV
Program Code: MEDGN-IV

<table>
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<tr>
<th>Paper</th>
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<th>Credits</th>
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<th>Internal</th>
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<td></td>
<td></td>
<td>Theory</td>
<td>Practical</td>
<td>Sessional work/Practical</td>
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<tr>
<td>I</td>
<td>C17-EDT-IV</td>
<td>Educational Technology and ICT-IV</td>
<td>4</td>
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<td>II</td>
<td>C18-DIS-II</td>
<td>Dissertation-IV (Viva Voce)</td>
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<td>III</td>
<td>C19-FAI-III</td>
<td>Field Attachment/Internship-IV (only Assessment)</td>
<td>2</td>
<td>50</td>
<td>-</td>
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<tr>
<td>IV</td>
<td>C20-SDS-II</td>
<td>Self Development Skills –II (Yoga, Communication and Professional Skills)</td>
<td>1</td>
<td>-</td>
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<tr>
<td>V, VI &amp; VII</td>
<td>Any three of the following:</td>
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<tr>
<td>E05-INE-IV</td>
<td>Education for Differently Able-IV</td>
<td>4</td>
<td>60</td>
<td>10</td>
<td>20 (Practical)</td>
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<tr>
<td>E06-CRS-IV</td>
<td>Curriculum Studies-IV</td>
<td>4</td>
<td>70</td>
<td>-</td>
<td>20 (sessional work)</td>
<td>100</td>
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<tr>
<td>E07-CME-IV</td>
<td>Comparative Education-IV</td>
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<td>70</td>
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<td>100</td>
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<tr>
<td>E08-LLL-IV</td>
<td>Life Long Learning-IV</td>
<td>4</td>
<td>70</td>
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<td>100</td>
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<tr>
<td>E09-ECE-IV</td>
<td>Economics of Education-IV</td>
<td>4</td>
<td>70</td>
<td>-</td>
<td>20 (sessional work)</td>
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**Aggregate of Semester - IV = 600 marks**
**Total Credits = 26**
**One credit= 1 hour**

**Aggregate of Semester I, II, III and IV = 500 + 450 + 450 + 600 = 2000 Marks Total Credits = 20 + 18 + 16 + 26 = 80**
OUTLINES OF SYLLABI, COURSES OF READING AND TESTS FOR M.ED.
(GENERAL) – SEMESTER SYSTEM FOR THE EXAMINATION OF 2021-2022

SEMESTER-I

PROGRAM CODE: MEDGN-I

PAPER-I

COURSE CODE: C01-PIE-I

COURSE TITLE: Perspectives in Education - I

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

COURSE OBJECTIVES

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

• explain assumptions and principles of education.
• explain epistemological and axiological issues in education.
• discuss concepts and theoretical perspectives of sociology of education.
• explain the meaning of modernization, social change and role of school as a place for social change.
• explain the concept of social equity & equality; social mobility and social stratification.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I

a) Concepts, Principles and Assumptions of education, critical analysis of education as a discipline or area of study; connecting knowledge across disciplinary boundary.
b) Prioritizing the aims of education in the context of national values enshrined in the constitution of India
Unit-II

a) Epistemology and Education: Knowledge; methods of acquiring valid knowledge with special reference to logical analysis, positive relativism and constructivism.
b) Axiological issues in education

Unit-III

a) Sociology of Education: Concept and Theoretical Perspectives (Functionalist, Conflict & Interactionist).
b) Secondary School Education: Status and Contemporary Challenges, Multiple School Contexts.
c) Social Change: Concept and determinants of Social Change, Modernization, Education as an agency of Social Change.

Unit-IV

a) Education as related to social equity and equality of educational opportunities with special reference to socio-economically disadvantaged sections of society based on caste, gender, locale, income disparity and different disabilities.
b) Social Stratification and Social Mobility; Concepts, Factors affecting; Education in relation to Social stratification and Social Mobility with special reference to Indian Society.

Sessional Work: Visit to a rural, urban (slum), alternative, innovative, secondary schools; observation of activities and preparation of a reflective diary. (10 marks)

SUGGESTED READINGS

PAPER-II

COURSE CODE: C02-LLP-I

COURSE TITLE: Learner and Learning Process-I

Credits= 4
Total Marks= 100
External= 70 (Theory=60; Practical=10)
Internal= 30(Assessment=20; Practical=10)

COURSE OBJECTIVES
After completing the course, the student will be able to:
• understand learner in psycho-social context
• explain growth development and problems or adolescents
• analyse the learning process based on theoretical approaches of learning
• understand environments conducive to learning

It is assumed that the students are aware of role of Educational Psychology in theory and Practice of Education.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9)covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I

Dynamics of Individual Development

(a) Growth and Development: Concept, Difference, Principles of Development.
(b) Cognitive process (Sensation, Attention, Perception, concept formation), Piagetian Model of Cognitive Development.
(c) Development during Adolescence: Physical, Cognitive, Social and Emotional
(d) Problems of Adolescents, Educational support required for adolescents

Unit-II

Learning Environment

a) Essentials of good physical environment, Characteristics of class room, school and community environment that enhance learning
b) Coping with diversity in learning contexts—crowded class rooms, language, ethnic and social diversities, different types of disadvantage that children suffer
c) Demands of inclusive environment in a class for all learners
d) Multiple ways of organizing learning - individual, self learning, group learning, cooperative learning.
Unit-III

Theoretical Bases of Learning and its Implications
(a) Cognitive and Contextual Theories: Bandura, Vygotsky
(b) Strategies for developing logical thinking, critical thinking and problem solving
(c) Creativity: concept, assessment and nurturing

Unit-IV

Psychosocial Dimensions of Learners’ Contexts
(a) Social Learning: Concept and importance, Factors affecting Social Learning, Social Competence.
(b) Classroom Dynamics: Concept, Need and its Relevance, Strategies for promoting healthy psycho-social environment in class.
(c) Addressing classroom Aggression in Schools: Types (Bullying, Punishment, Vandalism, Cyber Violence etc) and their effects, Measures to manage aggressive behavior.

PRACTICALS (20 marks)

Conduct and interpretation of following tests/experiments-
1. Learning Curve
2. Transfer of learning using mirror drawing apparatus
3. Achievement Motivation Test
4. Social Competence Scale /Assessment of Social Skills

BOOKS RECOMMENDED

COURSE OBJECTIVES

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

- define research problem.
- formulate a hypothesis.
- select a sample and forward reasons in support of his/her decisions.
- understand the meaning and importance of statistics.
- understand the meaning and compute measures of central tendency, measures of variability, measures of relationship.
- understand the meaning and application of normal probability curve.
- select and conduct the statistical analysis of data by applying the statistics suitable for the problem.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

Table of critical values for statistical inference, e.g., F-ratio, t-ratio, r, chi-square, NPC areas, NPC ordinates, Wilcoxon- Mann- Whitney table etc. may be provided to the students.

COURSE CONTENT

Unit-I

b) Qualitative Research: Meaning, Characteristics, Merits and limitations.
c) Selection of research problem, areas of research, identification and statement of research problem, survey of related literature and research proposal
Unit-II

a) Hypothesis: definition, importance, types and formulation of hypothesis. Testing of hypothesis, Type-I and Type –II Errors.
b) Sampling: meaning and steps. Methods of sampling: Non-Probability and Probability, types of Non-Probability and Probability sampling, Sampling Error

Unit-III

a) Meaning and importance of statistics
b) Measures of Central tendency and Graphical representation of data: Histogram, Frequency Polygon, Ogive, pie diagram and box plot
c) Measures of Variability: Range, Average Deviation, Quartile deviation and standard deviation.

Unit-IV

b) Normal Probability Curve: Concept, Characteristics and Application.

Sessional work: (10 marks)

Writing research proposal

SUGGESTED READINGS

PAPER-IV

COURSE CODE: C04-HOE-I

COURSE TITLE: History of Education-I

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

COURSE OBJECTIVES
At the end of this course, students will be able to:

• trace the progress of education in ancient and medieval India – Vedic, Post Vedic and Buddhist Education, Islamic education
• explain education during pre and post-independent India
• explain the various committees and commission formed for the progress of education during pre and post-independent India
• explain the various issues and trends of education in India
NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I

Education in ancient India
Education in the Ancient period with special reference to:
  a) Vedic and Buddhist period
  b) Jainism and Islamic tradition

Unit-II

Education in British period
a) Study and review the impact of the following on Indian Education System:
b) Efforts by Indian reformers for education during British period such as Raja Ram Mohan Roy, Gopal Krishan Gokhale, Maulana Azad and Mahatama Gandhi

Unit-III

A critical review of: Education in the post-Independence period
a) The University Education Commission (1948)
b) Secondary Education Commission (1952)
c) Indian Education Commission (Kothari Commission) (1964-66)
e) Universalization of elementary education RTE Act (2009)

Unit-IV

Trends and issues in Education
a) Dynamics of colonial and post colonial encounters and their influence on Indian education system. Education in India in the 21st century.
b) Millennium Development Goal given by UNESCO Highlighting Education
c) The status and challenges of existing structure of secondary school education
d) Impact of LPG policies on Indian education

Sessional Work (10 marks)

SUGGESTED READINGS

6. Ellis, Catriona. (2009). Education for All: Reassessing the Historiography of Education in Colonial India.*History Compass*, (March 2009), 7#2, pp 363–375
11. GOI. (1986). National policy of education. GOI.

PAPER-V

COURSE CODE: C05-TED-I

COURSE TITLE: Teacher Education-I

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

COURSE OBJECTIVES
After completing the course, the student will be able to:

• describe the scope and importance of teacher education.
• appreciate the roles and responsibilities of teachers.
• discuss the functions of agencies regulating teacher education in India.
• trace changes in teacher education in light of NCF, 2005 and NCFTE, 2009.
• explain the objectives, scope and components of pre-service teacher education.
• discuss the methods employed for curriculum transaction in pre-service teacher education.
• discuss the concept and importance of professional development of teachers.
• explain strategies of professional development of teachers.
• discuss the agencies for in-service education.
• discuss the concept of teaching and professional ethics of teachers.
• explain the mode of teacher selection, appointment and induction.
• explain the assessment and evaluation techniques in teacher education.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.
COURSE CONTENT

Unit-I
(a) Importance of Teacher Education, Teacher Educators, their roles and responsibilities. Scope of Teacher Education—Preparing teachers for Secondary and Higher Education. New courses in Teacher Education.
(b) Agencies regulation Teacher Education in India (NCERT, NCTE: roles and responsibilities, Policy documents).

Unit-II
(a) Pre-service training: Objectives and Scope.
(b) Components of Pre-service secondary teacher education: Core and Specialization courses, practicum, internship, co-curricular activities, working with the community and work experience.
(c) Curriculum transaction in Pre-Service secondary teacher education: Teaching methods, lecture-cum-discussion, Group discussion, Brain storming, use of ICT, internship program.

Unit-III
(a) Continuing Professional Development of In-Service Teachers—Concept and importance of Professional Development.
(b) Strategies of Professional Development: workshops, seminars, symposium, panel discussions, conferences self-study, extension lectures, refresher courses, research colloquium.
(c) Agencies for in-service education (Institutional Programmes, DIET, NCTE, NCERT, SCERT, Academic Staff College, (HRD Department) Extension Department).

Unit-IV
(a) Concept of teaching as a profession, professional ethics of teachers, Teacher accountability and performance appraisal of teachers.
(b) Selection, appointment of teachers and induction programmes for teachers
(c) Assessment and Evaluation in teacher education programme.

Sessional Work (10 marks)

SUGGESTED READINGS
COURSE OBJECTIVES

- Orient students to the process of research.
- Enable them to identify a problem for undertaking the research project
- Enable them to prepare a synopsis on which they will submit a research proposal in Semester II.

COURSE REQUIREMENT

A research problem will be taken up by each candidate under the supervision of a guide allotted to them by the college/department’s Academic Committee. They will follow steps of preparing a synopsis and report to their guides for its finalization.
COURSE OBJECTIVES
At the end of the course, students will be able to:

- explain the educational implications of some schools of philosophy in Western Thought and Indian Philosophy.
- examine critically the concerns arising from the vision of great Western and Indian thinkers.
- reflect on changing political context of education and support system of education.
- discuss the changing socio-cultural dimensions in the context of education.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I

Vision derived from synthesis of different schools of philosophy: Indian (Sankhya-Yoga; Vedanta) and Western (Realism, Existentialism)

Unit-II

Critical analysis of educational thoughts of great thinkers: Dr. Radhakrishnan, Swami Vivekananda, J. Krishnamurthy, John Dewey Paulo Freire, Evan Illich

Unit-III

(a) Connections and interactions in the process of education-Nature of connections and interaction involved: Between the child and the environment; in linking the school practices
with life outside the school; in relating subject knowledge with real life experiences of the child; between the knowledge and practices; between the content and the pedagogy; Between ICT and teaching-learning process

(b) Relationship of Education and Politics with special reference to Democracy and Secularism in Indian context.

Unit-IV

a) Process of socialization and acculturation of the child-critical appraisal of the role of school, parent, peer-group and the community.

b) Economy and Education- Impact of LPG (Liberalisation, Privatization and Globalisation) on education.

Sessional Work: Reading of original texts of Rabindernath Tagore /M.K Gandhi/SriAurobindo/John Dewey /J.Krishnamurthy and writing of review of a book written by any of the above authors or any contemporary Educational thinker. (10 marks)

SUGGESTED READINGS

PAPER-II

COURSE CODE: C08-PIS-II

COURSE TITLE: Psychology for Individual and Social Development-II

Credits = 4
Total Marks = 100

External = 70 (Theory = 60; Practical = 10)
Internal = 30 (Assessment = 20; Practical = 10)

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

• explain concept of learning and motivation
• gain knowledge about the concept and theories of personality and its assessment
• differentiate between characteristics of adjusted and maladjusted learners
• understand and measure the learner’s cognitive abilities with special reference to intelligence
• get acquainted with concept and nature of children with special needs
It is assumed that the students are aware of role of Educational Psychology in theory and practice of Education.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I
Learning and Motivation
(a) Learning: Concept, nature, factors affecting Learning, Latent Learning, Gagne’s Hierarchy of Learning
(b) Transfer of Learning: Concept, Types, Theories and Educational Implications
(c) Motivation: Concept, Types, its relation with learning, Achievement Motivation

Unit-II
Personality and Adjustmen
a) Concept of Personality, western theories by Cattell, Eysenk, Allport, Freud; Vedantic concept of Personality (Panchkosh)
b) Assessment and implications for teacher and learner
c) Adjustment, causes and manifestations of maladjustment, Defence Mechanisms, Conflicts and their management

Unit-III
Understanding Intelligence
a) Evolution of concept of Intelligence (from unitary to multiple intelligence)
b) Theories of intelligence by Gardner and Sternberg, assessment of multiple intelligence
c) Developing Emotional and Spiritual Intelligence

Unit-IV
Understanding Children with Diverse Needs
a) Children with diverse needs/different abilities: Concept, Classification, Role of Teacher
b) Concept, characteristics, identification of the following- Learning Disabled (Dyscalculia, Dyslexia & Dysgraphia), Slow Learners, Children with ADHD & with ADD
c) Inclusive Education: Concept, Process and Barriers

PRACTICALS (20 marks)
1. Intelligence test
2. Personality test/ Word Association Test
3. Test of adjustment/ analysis of a case of a maladjusted learner
4. DTLD/Test to identify ADHD
### SUGGESTED READINGS


PAPER-III

COURSE CODE: C9-ERS-II

COURSE TITLE: Educational Research and Statistics-II

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

COURSE OBJECTIVES

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

• select the tools for studying different variables.
• understand historical, descriptive and experimental method of research.
• select/ formulate the design of the study by controlling and classifying the variables demanded by the design.
• understand the meaning and compute ANOVA, Chi square, Wilcoxon Signed Rank Test Mann- Whitney Test.
• report the research work in accordance with the current trends and procedures of report writing.
• select and conduct the statistical analysis of the data by applying the statistics suitable for the problem.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

Table of critical values for statistical inference, e.g., F-ratio, t-ratio, r, chi-square, NPC areas, NPC ordinates, Wilcoxon- Mann- Whitney table etc. may be provided to the students.

COURSE CONTENT

Unit-I

a) Tools: Characteristics of a good tool, Meaning and methods of reliability and validity.
b) Psychological tests, questionnaire, rating scales, attitude scale (Thurston and Likert’s scale).
c) Technique: observation and interview.
Unit-II

a) Historical Method: Meaning, Value, Difficulties, Types and steps.
b) Descriptive Method: Meaning, Value and types.
d) Experimental Designs: Meaning, criteria for selecting an experimental design, Pre Experimental, True Experimental, Quasi Experimental, Factorial designs. (2x2)
e) Writing Research Report.

Unit-III

a) Significance of Statistics (Mean Only), Significance of difference between means: Large and small, Independent and correlated.
b) ANOVA(one way )

Unit-IV

Qualitative Research

a) Phenomenology, case study, Ethnography
b) Reliability and validity of qualitative research, analysis of Qualitative data

Sessional Work: (10 marks)

Development of an attitude scale/Achievement Test

SUGGESTED READINGS


PAPER-IV

COURSE CODE: C10-DIS-II

COURSE TITLE: Dissertation-II (Submission of Research Proposal)

Credits=1

Internal=25

Under the supervision of their guides they will undertake all the steps of writing research proposal to finalize and submit the research synopsis. The students will submit dissertation in the month of March.
PAPER-V

COURSE CODE: C11-SDS-II

COURSE TITLE: Self Development Skills-II (Yoga, communication and professional skills)

Credit=1

Internal=25

COURSE OBJECTIVES

1. To create effective communicators
2. To master yogasanas and maintain fitness

COURSE CONTENT

UNIT-I
a) Importance of communication Purpose of communication - -Effective communication skills : verbal and non- verbal
b) Barriers to effective communication –
c) Technological advances in communication, Communication media

UNIT-II
a) Patanjali’s yoga Sutras
b) Basic yoga exercises and asanas (pranayam, surya-namaskar, taad-asana, kapaalbhaati, shav-asana)

Sessional work
- Communication exercises/written submission.
Mastering mentioned five yoga exercises/asanas

PAPER-VI

Any one of the following:

E01-PSE-II: Pedagogy of Science Education-II
E02-PSS-II: Pedagogy of Social Science Education-II
E03-PLE-II: Pedagogy of Language Education-II
E04-PME-II: Pedagogy of Mathematics Education-II
COURSE CODE: E01-PSE-II

COURSE TITLE: Pedagogy of Science Education-II

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

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

• explain the nature of science as a dynamic, expanding body of knowledge and as a social endeavor;
• explain the difference and complementarity between Science and Technology;
• understand the need to evaluate curricula and evaluate the same on the basis of different validities;
• know about and critically study innovative curricular efforts in India and abroad;
• understand diversity of instructional materials, their role and the need for contextualization in science education;
• appreciate the role of co-curricular activities in science education;
• explain the constructivist approach to science instruction;
• understand the role of assessment in the teaching –learning process in science;
• familiarize with innovative trends in assessment;
• analyze issues in Science education pertaining to equity and access, gender, special groups and ethical aspects.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I

Nature of Science

a) Evolution of science as a discipline, science as a dynamic and expanding body of knowledge; development of scientific knowledge;
b) Science and technology, correlation between science and technology & other branches.
c) Common misconceptions of pupils about the nature of science; characteristics of different disciplines of science and their interrelationship.
Unit-II

Curriculum of Science Education
a) Trends in science curriculum, considerations in developing learner centred curriculum in science.
b) Criteria of validity of science curriculum: content, ethical, environmental, process, cognitive, historical
c) Analysis of science curriculum at secondary stage.

Unit-III

Approaches to Teaching-Learning of Science
a) Constructivist paradigm and its implications for science learning
b) Constructivist approaches to science learning: inquiry method, problem solving strategies, guided discovery approach; inducto-deductive method, project based learning, cooperative collaborative learning.
c) Role of experiments in science, development of laboratory design, planning and organisation of laboratory work, improvisation in the laboratory and low cost science experiments,
d) Metacognitive strategies—giving space to pupils to think, organize their knowledge and express teacher as a reflective practitioner.
e) Use of ICT in teaching-learning of science concepts at secondary level.

Unit-IV

Evaluation Assessment and Contemporary Issues in Science Education
a) Evaluation in science: Formative and summative
b) Self-assessment by students and by teachers, peer assessment, assessment of teachers by students.
c) Contribution of Indian scientists
d) Scientific and technological literacy
e) Innovations and creativity in science.

Transactional Mode
Group discussion, lecture-cum—discussion, panel discussion, symposium, school visits and sharing of experiences, experimentation with kits and laboratory work project and assignments focusing in observation and interaction with children adolescent, group and individual field based assignments followed by workshops and seminar presentation.

Sessional Work: The student teacher may undertake any one of the following activities:
• Development of lesson plan
• Development of achievement test (10 marks)

SUGGESTED READINGS
10. International Journal of Science Education.

COURSE CODE: E02-PSS-II
COURSE TITLE: Pedagogy of Social Science Education-II

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

COURSE OBJECTIVES
After completion of the course, the students will be able to:
• develop an understanding about the meaning, nature, scope of social sciences and social science education
• find out the distinction and overlap between social sciences, humanities and liberal arts
• understand the role of various methods and approaches of teaching social sciences
• employ appropriate approach for transaction of social science curriculum
• effectively use different media, materials and resources for teaching social sciences
• construct appropriate assessment tools for teaching-learning of social sciences and undertake evaluation

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I
Conceptualisation of Social Science Education
a) Concept, nature, and scope of social sciences: existing approaches of teaching learning of social sciences
b) Epistemological frame proposed in educational policy documents and various national curriculum frameworks concerning teaching-learning of social sciences
c) Research perspectives in pedagogy of social science education

Unit-II
Social Science Curriculum
a) Approaches to organisation of social science curriculum; social science curriculum at various stages of school education
b) Methodology of development of curricular materials viz., textbooks, workbooks, teacher handbooks, teacher’s education manuals, other content enrichment materials – their conceptualization and processes;

Unit-III
Approaches to Pedagogy of Social Science
a) Critical appraisal of approaches to teaching learning social sciences – behaviourist approach; constructivist approach; inter disciplinary approach, integrated approach; child-centred approach; environmental approach; the overlap between these approaches
b) Critical appreciation of various learning-strategies: SQ3R (Survey, Questioning, Reading, Recite and Review), RAFT (Role, Audience, Format and Topic), Discussion and graphic organizers; cooperative learning

Unit-IV
Resources and Evaluation of Teaching-Learning of Social Science
b) Effective utilization of resources for teaching social science textbooks and supplementary materials; literature and biographies, environment and community resources;

c) Alternative assessment: rubrics, portfolios and projects

d) Typology of questions as related to different subject areas viz., History, Geography, Political Science, Economics etc.

e) Evaluation of attitudes, values, etc.

**Transaction Mode**

Lecture-cum-discussion, penal discussion, project on oral history, workshops, seminar, assignment a group discussion around issues and concepts. Group and individual field based assignment focused by workshops and seminar presentations.

**Sessional Work:** The student teacher may undertake any one of the following activities:

- Development of lesson plan
- Development of achievement test (10 marks)

**SUGGESTED READINGS**

22. NCERT (2006b), Syllabus for Classes at the Elementary Level, National Council of Educational Research and Training, New Delhi.

Journals
- Economic and Political Weekly (published from Mumbai, India).
- Teaching of History (published from United Kingdom).
- Journal of Social Sciences Social Science Quarterly.
- Journal of Curriculum Studies (published by Routledge, United Kingdom)

Others
- Encyclopaedia of the Social Sciences.
• Encyclopaedia Britannica

Websites
• www.ncert.nic.in
• http://www.history.org.uk (for accessing e-version of teaching history)
• www.epw.in (for accessing e-version of journal of economic and political weekly)
• www.geographyteachingtoday.org.uk
• http://www.indiana.edu/~econed/ (for accessing e-version of journal of economic education)

COURSE CODE: E03-PLE-II

COURSE TITLE: Pedagogy of Language Education-II

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

COURSE OBJECTIVES
On completion of the course, students will be able to:
• gain an understanding of the nature, functions and the implications of planning for teaching language/languages
• understand the psychology of language learning
• gain an understanding in the pedagogy of language learning
• study and analyze different approaches, methods and techniques for differentiating between teaching language and teaching literature in the context of first language and second language
• examine various areas of research in language education
• survey various problems with respect to language learning
• identify and reflect on factors affecting language policy

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.
COURSE CONTENT

Unit-I

Conceptual Issues of Language Learning
a) Language acquisition and communication – factors affecting language learning and language acquisitions and communication
b) Linguistic, psychological and social processes involved in learning of languages
c) Models of Language Acquisition: Chomsky-Language Acquisition Device, Piaget - Cognitive Constructivism and Language; recent theorization: intentionality; application of these theories to development of methodologies of teaching-learning of language.

Unit-II

Language Analysis and Individualization of Language Learning
a) Discourse Analysis: Theories of discourse analysis including speech acts, conversational maxims, conversational analysis, ethno-methodology, text analysis, and critical discourse analysis.
b) Meta-linguistic awareness with a focus on listening, speaking, reading, comprehension at writing.
c) Need and techniques (viz. differential assignments, classroom tasks, etc.) for personalized system of instruction

Unit-III

Curriculum and Pedagogy of Language
a) Language learning at secondary and higher secondary stage
b) Pedagogy of First language, Second language, Third language
c) Development of language curriculum and the syllabus: dimensions, factors that influence the curriculum, selection and sequencing of content, contexts, transaction and evaluation techniques

Unit-IV

Issues in Language Learning and Evaluation
a) Cross linguistic influence in learning another language; ecology of bilingual memory
b) Multilingual classroom
d) Preservation of heritage language
e) Home language & school language – problem of tribal dialects
f) Problems related to evaluation of language learning

Transaction Mode
Lecture cum discussion, hands on practice in language laboratory, self- study, visits to language teaching institutes, presentations in seminar and group discussions workshop, assignment around issues and concepts related to contextual problems in language learning.

Sessional Work: The student teacher may undertake any one of the following activities:
• Development of lesson plan
SUGGESTED READINGS


COURSE CODE: E04-PME-II

COURSE TITLE: Pedagogy of Mathematics Education-II

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

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

- Appreciate the abstract nature of mathematics.
- Distinguish between science and mathematics.
- Develop the skill of solving real life problems through mathematics modelling as an art.
• Develop the understanding of using constructivist approach in mathematics.
• Develop the skill of using various methods and techniques of teaching mathematics.
• Develop problem solving skills.
• Develop the skills required for action research in mathematics.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I

b) Recreational and Aesthetic aspect of mathematics: Games, Puzzles, Riddles, Symmetry etc and their role in learning mathematics.
Mathematics Club: Need and Importance, Goals, Organization and Activities.
Mathematics Laboratory: Designing and Layout, Need and Importance, Materials and Procedure to set up.
c) Development of Mathematics with some famous anecdotes, Pythagoras, Aryabhatt, Ramanujan.
Teaching Mathematics Modeling.
Pedagogical Analysis of Mathematics

Unit-II

Curriculum of Mathematics
c) Developing Remedial Learning experiences and teaching material to overcome special problems of students. Developing enriched programmes and materials for teaching gifted and backward students in mathematics.

Unit-III

Strategies of Teaching Learning Mathematics

**Unit-IV**

**Evaluation in Mathematics**


b) Types of test items in mathematics: Meaning, merits, limitations and Construction of long answer type, short answer type, very short answer type and objective type construction and standardization of an achievement test in mathematics.

c) Action Research in Mathematics

**Sessional Work:** The student teacher may undertake any one of the following activities:

- Development of lesson plan
- Development of achievement test

**SUGGESTED READINGS**

SEMESTER-III

PROGRAM CODE: MEDGN-III

PAPER-I

COURSE CODE: C12-ESD-III

COURSE TITLE: Education for Sustainable Development & Global Peace-III

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

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

- explain concepts concerning various aspects of the Educational for sustainable development.
- explain the concept of world peace and role of education
- recognize dependence of human life on the environment.
- identify local and region specific environmental problems.
- understand the role of individuals, society, the government, ICT and media in protection, preservation and conservation of environment.
- develop awareness about rules, regulations and legal provisions for protection, preservation and conservation of the environment.
- develop awareness, desirable skills and appreciation for the protection, preservation and conservation of the environment.
- understand the role of school and teacher in creating awareness among students about need for sustainable development.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I

Education for Sustainable Development:
- Meaning nature and scope of Sustainable Development; concept of global peace
- Education for Sustainable Development: Approaches & Strategies
- Education for global peace
- Integration of global peace and environmental concerns in school curriculum.
- Role of teacher in promoting sustainable development.
Unit-II

a) Conservation of Natural Resources: Environmental conservation in the globalized world; Deforestation in the context of tribal life Role of individual in conservation of natural resources: water, energy and food
b) Culture of Peace and Human Rights: Ideas of thinkers like Mahatma Gandhi, Martin Luther King, Role of Educational institutions and teachers in developing a culture of peace.

Unit-III

Individual, Society, Government, ICT and Media in Environmental Education:

a) Literacy, democracy, human rights and universal values- contribution to global peace and sustainable development
b) Role of individual, school and community for prevention of pollution, management of natural resources; Responsible Environment Behavior (REB).
c) Role of ICT, text books and media in creating awareness about human rights; environmental and peace values.

Unit-IV

Competencies in teachers for Education for Sustainable Development:

a) ESD model for competencies in teachers: Knowledge, system, thinking, emotions and values in teachers for educating students for Sustainable Development
b) Individual life style; Carbon foot printing

Sessional work: Case study on children rights for education in context of Kailash Satyarthi, Malala Yousafazi. (10 marks)

SUGGESTED READINGS

7. Ministry of Law and Justice, Right to Education Act (2009), Govt. of India, New Delhi.
COURSE OBJECTIVES
After completing the course, the student will be able to:

• understand the meaning, nature, aims, need and scope of guidance.
• understand the meaning, nature, aims, need and scope of counselling.
• recognise the role of guidance in attaining the goals of education.
• understand the meaning, objectives, and advantages of group guidance.
• develop the acquaintance with various techniques of group guidance.
• understand the qualitative and quantitative appraisal of student.
• develop knowledge and understanding of the major psychological concepts such as intelligence, aptitude, personality, interest and their assessment for providing guidance.
• develop the skill of administration and interpretation of psychological assessment.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I
Introduction
b) Meaning, Nature, Aims, Principles, Need and Scope of Counselling, Counselling skills such as Establishing rapport, empathy and Listening
c) Evaluating Guidance Programme with special reference to Counselling.

Unit-II
Understanding Guidance and Counselling
c) Recent trends in Guidance and Counselling.
Unit-III

Theories/Therapies of Counselling
a) Behaviouristic
b) Rational Emotive
c) Reality

Unit-IV

Student Appraisal
a) Quantitative Assessment: Concept and assessment of Interest, Intelligence, Personality and Aptitude.
b) Tools for Qualitative Assessment: Interview, Observation, Case Study, Sociometry.

PRACTICAL (20 marks) External + Internal
a) Administration and Interpretation of psychological tests:
   1) Interest Inventory
   2) DAT/DBDA
b) Preparation and presentation of Career Talk and/or Career exhibition
c) Report of visit to employment exchange
d) Viva-voce

SUGGESTED READINGS

COURSE CODE: C14-MEV-III

COURSE TITLE: Measurement, Assessment and Evaluation-III

Credits= 4
Total Marks= 100
Internal= (Assessment=20; Sessional work=10)

COURSE OBJECTIVES

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

- acquaint the students with concepts and techniques of measurement and evaluation.
- develop skills in the construction and standardization of tests.
- acquaint themselves with the new trends in evaluation.
- enable them in learning the applications of advanced statistical techniques in education.
NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

Table of critical values for statistical inference, e.g., F-ratio, t-ratio, r, chi-square, NPC areas, NPC ordinates, Wilcoxon-Mann-Whitney table etc. may be provided to the students.

COURSE CONTENT

Unit-I
(a) Concept and importance of measurement and evaluation.
(b) Types of evaluation: Formative and summative.
(c) Scales of Psychological measurement: Nominal, Ordinal, Interval and Ratio.

Unit-II
a) Types of achievement tests- Essay, short answer, Objective type.
b) Norm referenced and criterion reference tests, projective and objective tests
c) Steps in standardization of achievement tests.

Unit-III
a) Analysis of variance (two way)
b) Non parametric tests: Chi square, Mann-Whitney test, Wilcoxon signed rank test
c) Regression and prediction: Meaning and Concept of linear regression equation.

Unit-IV
Correlations: Assumptions and computation of:
a) Biserial, Point Biserial
b) Tetrachoric and phi- coefficient.
c) Partial and multiple correlation.

Sessional Work:
Development of a standardized test

SUGGESTED READINGS
COURSE OBJECTIVES:
After completing the course, students will be able to:

- explain the process of policy formulation
- critically analyse the determinants of educational policy
- explain the principles, methods and approaches of educational planning
- explain types, approaches and agencies for performance appraisal
- explain structure of educational organization
- explain various aspects of organizational climate
- discuss processes of educational management
- describe issues in organizational development and change
- explain meaning, nature scope types and traits of leadership

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I
Management in educational organization
a) Educational management: Concept, scope, Principles of management

b) Processes in educational organization: communication, decision making, appraisal, management by objectives.
c) Organizational Climate: Strategies for maintaining healthy work environment

Unit-II
Organizational development and leadership
a) Organizational development: concept, process and interventions
b) Organizational change: concept, issues and strategies of implementation
c) Educational leadership: meaning, nature and scope. Types of leadership: Styles of leadership; Traits & skills for effective leadership
Unit III

Educational policy and its formulation
a) Need and importance of educational policy. Determinants of educational policy
b) Process of policy formulation, Policy research, Discussion document, consultations, constitution of working groups, presentation of draft document in CABE and parliament.
  Formulation of Plan of Action: short term, long term

Unit – IV

Educational planning
a) Guiding principles, methods and techniques of educational planning ; Priorities in planning at Centre and State levels, District level planning, institutional planning
b) Approaches to educational planning
   • Social demand approach
   • Man-power approach
   • Return of Investment approach
c) Overview of educational planning in India w.r.t. short term & long term plans.

Sessional work:
The students may undertake any one of the following activities:
• Preparation of questionnaire/ interview schedule for micro level educational survey
• Case study of administrative problems in implementation of RTE in government school/private school
• Assessment of motivation level/ job satisfaction/ perception of leadership among teachers in any educational institution

SUGGESTED READINGS
26. Mukhopadadyay, Mamar & Tyagi, R.S. (2005): Governance of School Education in India. New Delhi, NIEPA.
PAPER-IV  
COURSE CODE: C16-FAI-III  
COURSE TITLE: Field Attachment/ Internship-III (September-October)  

COURSE OBJECTIVE  
- To acquire hands-on training of pedagogy  

COURSE CONTENT  
Field attachments/internship/immersions shall be facilitated with organizations and institutions working in education. These would aim at engaging students with field-based situations and work in secondary education, and to provide an opportunity for reflection and writing on the same. Systematically planned field internship/attachment in a teacher education institution, and in the specialization area chosen by the student shall be organized during the program.  
Close mentorship by faculty in relevant areas should be provided in the form of tutorials, guided reading groups and practice teaching and observation of practice lessons.  

*Internship will be for one month in secondary schools
SEMESTER-IV

PROGRAM CODE: MEDGN-IV

PAPER: I

COURSE CODE: C17-EDT-IV

COURSE TITLE: Educational Technology and ICT-IV

Credits= 4
Total Marks= 100
External= 70 (Theory=60; Practical=10)
Internal= (Assessment=20; Sessional work=10)

COURSE OBJECTIVES
After completing the course, the student will be able to:

• explain the concept of educational technology.
• explain the nature and scope of educational technology.
• trace the history of educational technology.
• explain the types of educational technology.
• discuss major trends in educational technology.
• explain the concepts, variables, phases and levels of teaching.
• describe the meaning of models of teaching.
• discuss different models of teaching.
• explain various teacher training techniques.
• discuss the concept, principles and types of programmed instruction.
• explain the development stages of linear program.
• discuss the concept, characteristics and selection of audio-visual media.
• explain the concept, process, principles and barriers of communication.
• discuss the concept, need and advantages of ict.
• discuss the concept and method of computer-assisted instruction, e-learning, online learning and m-learning.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.
COURSE CONTENT

Unit-I
a) Educational Technology: Concept, Nature and scope of educational technology in India.
b) Historical perspective of Educational Technology. Types of Educational Technology.
c) Recent trends in Educational Technology. Major institutions of Educational Technology in India: CIET, EMRC, CEC.

Unit-II
a) Teaching: Concept, variables, phases and levels of teaching.
b) Models of Teaching: Basic teaching model, Concept Attainment model and Advance Organizer Model.
c) Teacher Training Techniques: Microteaching, Teaching skills, Skill of stimulus variation, introducing the lesson, reinforcement and probing question. Flanders Interaction Analysis.

Unit-III
a) Programmed Instruction: Concept, theoretical rationale, principle and styles of programmed instruction.
b) Development of a linear programme.
c) Print and electronic media in education: concept, Characteristics, selection of media. EDUSAT. Media in Distance Education, MOOCS

Unit-IV
a) Communication: Concept of communication, process, principles and barriers of communication.
b) Information and Communication Technology (ICT): concept, need, advantages and barriers to expansion of Information and Communication Technology.
c) Computer assisted instruction, e-learning, online learning and m-learning.

Practical: (20 marks)
1. Power-point presentation (at least 20 slides)
2. Development of a linear programme (50 frames).

SUGGESTED READINGS

PAPER-II
COURSE CODE: C18-DIS-IV
COURSE TITLE: Dissertation–IV

Credits=5
Total Marks=125
External=100
Internal=25

The students will submit the dissertation upto 15th Feb, prepare and appear for dissertation viva voce in April- May before an external examiner and supervisor.
PAPER-III
COURSE CODE: C19-FAI-IV
COURSE TITLE: Field Attachment/ Internship-Viva voce

COURSE CONTENT

Systematically planned field internship/ attachment in a teacher education institution, and in the specialization area chosen by the student which was organized during the program in 3rd Semester of 2 year M.Ed. course will be evaluated by external examiner on the basis of Internship report and viva voce.

PAPER-IV
COURSE CODE: C20-SDS-IV
COURSE TITLE: Self Development Skills – IV (Placement/Entrepreneurship Skills)

COURSE OBJECTIVES

- To enable the learners to prepare a CV
- To prepare the learners for facing an interview
- To make them aware of the possible pitfalls/threats of using e-resources

COURSE CONTENT

1. Writing a CV
2. Interview
   Preparation, body language, communication skills, dealing with anxiety, assertiveness
3. using internet/social network interface for educational/research purposes; constructing and sharing knowledge using social network sites, ethical issues of using e-resources, Behaving responsibly on the internet
4. identifying expectations and requirements of institutions and Industry from educational professionals

Sessional work (10 marks)
- Preparing a CV
- Mock Interview
- Creating an e-group for purpose of research ideas
COURSE OBJECTIVES

At the end of the course, the student will:

- know types of children with diverse needs, their nature and educational implications
- understand and appreciate inclusive education and legislation related to it
- know about various resources needed for children with diverse needs
- understand various aspects of teacher preparation for children with diverse needs

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I

Inclusive Education
(a) Concept of Inclusive Education and Models of Implementation. Barriers of Inclusive Education.
(b) Difference between Special Education, Integrated and Inclusive Education. Advantages of Inclusive Education for Individual and Society.
(c) Current laws (RCI Act, PWD Act, National Trust Act, RTE); National Policy for the Disabled (2006) and agreements supporting Inclusive Education (examples); Recommendations of various education commissions to respond to diversity in education situations
Unit-II

Children with Diverse Needs
(b) Importance of early detection, functional assessment and early intervention for development of compensatory skills.

Unit-III

Resources, Curricular and Other Changes
(a) Concept and need for curricular adaptations for children with diverse needs
(b) Role of Technology for meeting diverse needs of learners
(c) Changing attitude of significant others and society in general
(d) Sources required for Children with special needs: Human, Financial and Physical
(e) Adaptations in instructional objectives, co-curricular and curricular activities for children with diverse needs

Unit-IV

Teacher Preparation
(a) Guidelines for adaptation for teaching/practicing Science, Mathematics, Social Studies, Languages, Yoga, Physical Education, Drama etc
(b) NCF 2005 and Curriculum for Teacher Preparation and Transaction Modes
(c) Skills and Competence of teacher and teacher educators for secondary education in inclusive settings
(d) Multicultural and Multigrade Teaching

Practicum (20 marks)
1. Assessment / Identification test (of any of the following- Learning Disability and Slow Learner, Attention Deficit Hyperactivity Disorder)
2. Report on Visit to a Special School
3. Curricular adaptations for any disability.

SUGGESTED READINGS
COURSE CODE: E06-CRS-IV

COURSE TITLE: Curriculum Studies-IV

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

COURSE OBJECTIVES

After completing the course, the student will be able to:

• explain the concept of curriculum and curriculum development.
• explain the foundations of curriculum development.
• discuss factors affecting curriculum change.
• appreciate the role of teacher as a curriculum maker.
• explain the nature, purposes, scope and principles of curriculum development.
• explain taba’s model of curriculum development.
• explain the concept and need of curriculum development.
• explain features of different curriculum designs.
• explain eclectic model of curriculum design.
• explain different models of curriculum engineering.
• appraise critically the present day curriculum of Indian schools.
• discuss curriculum issues and trends.
• predict future directions for curriculum.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I
a) Concept of curriculum, curriculum development and other curricular fields. Components of curriculum.
b) Epistemological, social and psychological foundations of curriculum development.
c) Factors affecting curriculum change, viz, social factors, pressure groups, writers and publishers. Role of teacher as curriculum maker.
Unit-II
a) Curriculum development: nature, purposes, scope and principles.
b) Principles of formulating aims, selecting content, teaching, learning and evaluation procedures.
c) Taba’s Model of Curriculum development.

Unit-III
a) Curriculum design: concept and need.
b) Different curriculum designs: subject-centred, experience and activity centred and core curriculum.
c) Eclectic model of curriculum design.

Unit-IV
a) Models of curriculum engineering: administrative model, grass-root model, system analysis model.
b) Critical appraisal of present curriculum in secondary and senior secondary schools of India.
c) Curriculum issues and trends and future directions for curriculum.

Sessional Work: (10 marks)
Critical appraisal of curriculum of secondary stage.

SUGGESTED READINGS

COURSE CODE: E07-CME-1V

COURSE TITLE: Comparative Education-IV

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

COURSE OBJECTIVES
After completing the course, the student will be able to:

• explain the concept, history and purposes of comparative education.
• explain the importance and limitations of comparative education
• explain the factors influencing the educational system of a country.
• explain the educational ladder of U.K., Finland and India.
• compare the salient features of educational system of U.K., Finland and India.
• explain the educational ladder of U.S.A., China and India.
• compare the salient features of educational system of U.S.A., China and India.
• compare the teacher education program in U.K., Finland, U.S.A., China and India.
• discuss recent trends and innovations in education of U.K., Finland, U.S.A., China and India.

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.

COURSE CONTENT

Unit-I

a) Meaning, History, Purposes, Methods, importance and limitations of comparative education.
b) Factors influencing the educational systems of a country-political, social, linguistics, geographical and economic.
Unit-II
a) Educational ladder of U.K., Finland and India, Administrative agencies for education
b) Compare the salient features of educational system (aims, curriculum, and evaluation) of U.K, Finland and India.

Unit-III
a) Educational ladder of U.S.A. and China with special reference to India
b) Compare the salient features of educational system (aims, curriculum, and evaluation) of U.S.A., China and India.

Unit-IV
a) Teacher Education program in U.K., Finland, U.S.A., China and India.
b) Recent trends and innovations in education of above mentioned countries.

Sessional work: Exhibit on socio-political-cultural-geographical aspect of any of the five countries in course. (10 marks)

SUGGESTED READINGS

COURSE CODE: E08-LLL-IV

COURSE TITLE: Lifelong Learning-IV

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

COURSE OBJECTIVES: After completing the course, the student will be able to explain:

• Concept of lifelong education
• Approaches to lifelong education
• Concept, aims, Need and importance of adult and continuing education
• Literacy situation in the country and government initiatives to improve literacy status
• Administration and management of adult and continuing education programmes
• Role of universities in adult and continuing education
• Concept of andragogy and its applications
• Impact of lifelong education on formal education
• Types of continuing education programmes
• Areas of research in adult, continuing and lifelong education

NOTE: Examiner will set 9 questions, two from each unit and one question (Question No.9) covering the entire syllabus will consist of four short answer type questions. Students are required to attempt five questions in all, selecting one question from each unit and Question No. 9 which is compulsory. All questions carry equal marks. Duration of external examination will be three hours.
COURSE CONTENT

Unit-I
a) Philosophical and sociological basis of lifelong education – Need and importance in contemporary world
b) Concept and Scope of lifelong education – Literacy, awareness, continuing education and empowerment of all sections of society.
c) Adult and Continuing Education; Evolution of concept, aims, need and importance in the contemporary world and practice.

Unit-II
a) Literacy situation in India. Total Literacy Campaign (TLC) Objectives and Strategies; New Initiatives in Adult and Continuing education; Sakshar Bharat.
b) Centre and State Level organisations for Administration and management of adult and continuing education programmes.
c) Role of UGC and Universities in adult, continuing and lifelong education : Departments/Centres for adult and continuing education and extension education. The field outreach programmes.

Unit-III
a) Andragogy : meaning and concept, implication for lifelong learning.
b) Psychology of adult learners; Principles of adult learning and curriculum development for adults.
c) Teaching methods for adult learners.

Unit – IV
a) Impact of Life Long Education on formal education – Education for diverse target groups through open and distance mode, web based learning and community colleges
b) Continuing education programmes for community development with special reference to literacy mission, women empowerment, legal literacy and vocational education and awareness
c) Research Areas in Life Long Learning and Adult Education and Continuing Education

Sessional Work    (10 marks)
Any of (a) and (b)
   a) Poster preparation and exhibition of any of the following :
      (i) Legal Literacy
      (ii) Open learning
      (iii) Part time courses
      (iv) Web based Education
   b) Planning a target specific continuing education course and submission of a detailed course draft.

SUGGESTED READINGS


COURSE CODE: E09-ECE-IV

COURSE TITLE: Economics of Education-IV

Credits= 4
Total Marks= 100
External= 70 Theory
Internal= (Assessment=20; Sessional work=10)

Course Objectives
After completing this course the students will be able to
1. know the general status and progress of education in relation to economics.
2. understand the concept of Economics of education in different theoretical perspectives
3. Understand the model of human resource development and education as generation of human capital.
4. Know the economic returns and benefits of education.
5. evaluate the place and role of education in various socio-economic development policies of the state.
6. understand political economy of education in national and international perspective.
7. acquaint with scope of human resource development and need of skilled manpower with changing needs of the society.
8. describe concept, need, significance and principles of educational financing

COURSE CONTENT

Unit –I
Economics of Education, Educational development and sustainable development
a) Economics of Education-Concept, Nature and Scope in context with educational development.
b) Role of Education in sustainable development and socio-economic mobility.
c) Economic factors and their role in achieving educational objectives with special reference to Millennium development goals.
Unit-II
Economics of Education: Theories and changing policies
a) Theories of Economics of Education: Human Capital Theory, Theory of Human development, Marxism Critique.

b) Public-Private Partnership in Education: concept and challenges

c) Economic reform policies (Liberalization, privatization and Globalization); impact of LPG on educational development with reference to quality, equality and equity.

Unit-III
Human Capital Formation and Role of Education
a) Human Capital generation: Education as investment in human capital and returns of education; Non-economic benefits of education
b) Social and private returns of education; Social demand of education.
c) Education, skills and demand for labor and skilled manpower with changing needs of the society.

Unit-IV
Financing of Education; concept, modes of finance and sources
a) Concept, need, significance and principles of educational financing. Efficiency, cost minimization and quality improvement.
b) Sources of finance: Governmental grants (Central, State and Local), tuition fees, endowments, taxes, donations and gift, foreign aids and grant-in-aid system; centre-state relationship in financing of education.
c) Budgeting: Preparation of Budget, School budgetary and accounting processes, problems and management of finance.

Sessional Work: Prepare a report on Education Sector in India with an Overview of Literacy rates, school participation and school quality measures. (10 marks)

Suggested Readings
2. Encyclopedia of Education, Economics and Finance, Dominic J. Brewer-NYU Steinhardt School of Culture, University of Southern California
7. UNESCO- Economic and Social aspects of Educational Planning, 1963
11. Economic and Political Weekly, Samiksha Trust Mumbai

Aggregate of Semester - IV = 600 marks

Total Credits = 24

GRAND TOTAL OF CREDITS=20+18+18+24=80

One credit = 1 hour

Aggregate Marks of All Semesters I, II, III and IV = 500 + 450 + 450 + 600 = 2000

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