FACULTY OF EDUCATION
Himachal Pradesh University

Scheme of Studies & Syllabus for M.A. (EDUCATION)

(through ICDEOL)

(Under Semester System)
Choice-Based Credit System with effect from
Academic Session 2015-16
(Subject to change from time to time)

Note: Himachal Pradesh University reserves the right to amend Regulations, Scheme and Courses of Study, Scheme of Examinations, Pass Criteria etc. as and when it deems necessary.
General Objectives

The curriculum is designed to achieve the following general objectives of M.A. (Education) Programme:

1. To impart specialized knowledge and understanding about the philosophical and sociological bases of education.
2. To understand the central concepts, tools of inquiry and structures of the disciplines so as to create learning experiences that make the aspects of subject matter meaningful.
3. To generate awareness and understanding of some specialized areas of education and human development.
4. To develop critical thinking among students pertaining to issues related to education.
5. To develop national and international perspectives about educational theory and practice.
6. To enable the learners to visualize the inter-linkages and dependency among different educational systems.
7. To develop ability to understand human behaviour, personality and capabilities to apply the knowledge and understanding to guide the learners to learn efficiently and effectively.
8. To understand how children learn and develop, how they differ in their approaches to learning and create learning opportunities that are adapted to diverse learners and learning contexts.
9. To plan learning experiences that are based on learner’s existing proficiency, interests, experiences including misconceptions and errors; and an understanding of how students come to view, develop and make sense of subject matter contained in the learning experiences.
10. To apply knowledge of effective verbal, non-verbal and media communication techniques to foster active inquiry, collaboration, and supportive interaction in the classroom transaction process.
11. To develop knowledge and understanding of management, planning and financing of education at various administrative and policy planning levels.
12. To develop managerial and administrative capabilities and skills to manage educational institutions effectively.
13. To understand and use formal and informal assessment strategies to evaluate and ensure the continuous physical, intellectual and social development of the students.
14. To impart a working knowledge of ICTs and their applications in formal and non-formal systems of education.
15. To impart knowledge and understanding of the process of educational research and skill in conducting research in specialized areas of education.
16. To undertake research work in the area of education independently.
Time Frame of MA (Education) Programme

The Master of Arts in Education Programme (MA in Education) through ICDEOL shall be an academic programme with duration of two years spread across four semesters. A candidate can avail a maximum of 10 semesters - 5 years (in one stretch) – to complete this programme (including blank semesters, if any, in which candidate does not appear in ESE). Provided that maximum of three attempts are allowed to the candidate to pass any course. Permission for blank semester will have to be obtained by the student from Director, ICDEOL before the start of concerned semester.

Eligibility Criteria for Admission

The admissions to this programme will be open and made on the basis of merit (marks obtained by the applicants) in the following qualifying examination:

Bachelor’s degree / Master’s degree in any discipline/stream from a recognized Indian / Foreign University (Recognized as Equivalent by H. P. University, Shimla) with atleast 50% marks.

In addition, 10% weightage (on the marks obtained in B. Ed. examination) will be given to the candidates possessing B. Ed. degree from a recognized Indian / Foreign University.

Total Seats and Reservation

Total Number of Seats - 200

Admissions to the programme will be made in accordance with the reservation policy of the State Government of Himachal Pradesh.

Courses of Study: There shall be following three types of courses:

(i) **Core Courses**: There shall be twelve core courses with three core courses per semester. Each core course shall be compulsory involving 4 credits. A student has to acquire a total of 48 credits from twelve core courses throughout the programme. The core courses will be coded as; EDUC301, EDUC302, EDUC303 and so on.

(ii) **Elective Courses**: The elective courses shall be optional in nature. A student will have the choice to opt for three elective courses from the given five elective courses in each semester. Each elective course shall also be of 4 credits and a student has to earn 12 credits per semester (total 48 credits during four semesters) from prescribed elective courses. These courses will be coded as: EDUC401, EDUC402, EDUC403 and so on.
(iii) **Research Course (Dissertation Work):** The research course shall comprise of a research dissertation and be compulsory carrying 100 marks (4 credits). There will be no prescribed syllabus for this course. This shall be a special course involving application of knowledge in solving, analyzing, and / or exploring real-life situations. Each student is required to undertake this dissertation work under the guidance of a teacher of education from ICDEOL or a panel of qualified and eligible research supervisors / teachers (to be appointed by Director, ICDEOL and approved by Vice Chancellor of H. P. University). The dissertation will be submitted to the education branch/section of ICDEOL immediately at the end of fourth semester. This dissertation shall be evaluated by an external examiner (out of the panel of examiners to be approved by the Vice-Chancellor of the University) and the internal supervisor jointly. The marks will be awarded on the basis of evaluation of dissertation including its structure, nature and quality. The dissertation will be evaluated out of a total of 100 marks (75 dissertation and 25 viva-voce examination). The viva-voce examination will be conducted in due course of time. The total marks obtained by a student shall be converted into appropriate grade as per the procedure prescribed by the University. The code for this course shall be EDUC601.

A candidate has to earn a total of 100 credits (96 credits of courses plus 4 credits of dissertation work) with passing grades for the successful completion of this Degree. The distribution of credits for different categories of courses is given in the following Table:

<table>
<thead>
<tr>
<th>Year / Semester</th>
<th>Courses</th>
<th>Credits</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>CCA</td>
<td>ESE</td>
</tr>
<tr>
<td><strong>First Year</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; Sem.</td>
<td>6 Courses of 4 Credits Each</td>
<td>6 x 4 = 24</td>
<td>180</td>
</tr>
<tr>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Sem.</td>
<td>6 Courses of 4 Credits Each</td>
<td>6 x 4 = 24</td>
<td>180</td>
</tr>
<tr>
<td><strong>Second Year</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Sem.</td>
<td>6 Courses of 4 Credits Each</td>
<td>6 x 4 = 24</td>
<td>180</td>
</tr>
<tr>
<td>4&lt;sup&gt;th&lt;/sup&gt; Sem.</td>
<td>6 Courses of 4 Credits Each Dissertation Work</td>
<td>6 x 4 = 24 1 x 4 = 4</td>
<td>180</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>24 Courses of 4 Credits Each and One Dissertation*</td>
<td>(24 x 4) + 4</td>
<td>720</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>100*</td>
</tr>
<tr>
<td><strong>Grand Total Marks</strong></td>
<td></td>
<td></td>
<td>2500</td>
</tr>
</tbody>
</table>
Credit and Credit Hours in One Semester

A semester shall comprise of 20 weeks duration which includes 16 weeks of Self-Study (Home-Based), Personal Contact Programme (PCP), End PCP Test (Minor Test), Home Assignments and Sessional Work / Activities. Remaining 4 weeks shall be for End Semester Examination (ESE).

Personal Contact Programme (PCP)

The personal contact programme shall be compulsory for all the candidates. The PCP shall include counseling sessions for removing the learning difficulties of the students. The duration of personal contact programme shall be 10 days per semester or 60 contact hours per semester. The 60 contact hours during PCP will be 10 contact hours per course (core or elective course). Out of 10 contact hours per course, “there shall be 7 Counseling Sessions of one hour duration each, one Tutorial (T) of two hours duration and one end PCP Test (Minor Test) of one hour duration.”

Teacher’s Course File

A course teacher will maintain a Course File in which all the details of the course he / she is teaching will be entered. To bring transparency in the whole system, a teacher will maintain a complete course file containing following documents:

(a) Course Time-Table
(b) Learning objectives of the course
(c) Attendance record of students
(d) Tutorial sheets/Assignment sheets
(e) Previous Question papers of minor test/s
(f) Question paper of previous end-semester examinations
(g) Complete record of Comprehensive Continuous Assessment: Raw scores of CCA of students with authenticated copy are to be submitted to the CoE, H. P. University, Shimla. This file will be retained by the concerned teacher for at least 5 years.

Evaluation: The performance of a student in each course will be evaluated in terms of percentage of marks with a provision for conversion to grade points. Evaluation in each course shall be done through continuous comprehensive assessment (CCA) and end semester examination (ESE) which will be consolidated at the end of each semester. The evaluation system of the students shall have following two components:-
i. **Continuous Comprehensive Assessment (CCA)** shall account for 30% of the final grade that a student will get in a particular course. The evaluation of students under CCA will be done on the basis of following parameters:

**Minor Test (End PCP Test):** There will be Minor Test (End PCP test) in each course which will be held on the last day of PCP and carry 10 marks. Question paper for this test will be set by the concerned teacher/teachers in consultation with concerned PCP coordinator and be evaluated by him/them.

**Theory Assignments:** A total of 15 marks shall be earmarked for five theory assignments per course. The assignments are to be submitted to the PCP coordinator and be evaluated by the concerned course teacher/s.

**Sessional Work / Activity:** It will carry 5 marks in each course. Marks will be awarded on the basis of one activity (sessional work / activities) given in each course to be performed by the students after attending the PCP. The students will prepare a report on the activity performed in each course and submit the same to the concerned PCP coordinator.

The continuous comprehensive assessment (CCA) will have the following components:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Component of CCA</th>
<th>Description</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Minor Test / End PCP Test</td>
<td>On the last day of PCP</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>Theory Assignments</td>
<td>Five theory assignments</td>
<td>15</td>
</tr>
<tr>
<td>3</td>
<td>Sessional Work / Activity</td>
<td>One activity in each course</td>
<td>05</td>
</tr>
<tr>
<td></td>
<td><strong>Total Marks under CCA</strong></td>
<td></td>
<td><strong>30 Marks</strong></td>
</tr>
</tbody>
</table>

**Attendance in PCP:** Attendance in PCP of MA (Edu) is compulsory for all the candidates. A minimum of 80% attendance at Personal Contact Programme shall be compulsory and a pre-condition for being allowed to appear in the ESE, the second component of evaluation in MA (Edu) programme.

ii. **End-Semester Examination (ESE) shall account for remaining 70% of the final grade. The end-semester examination (ESE) will be of three hours duration carrying 70**
marks and cover the whole syllabus of the particular course. The ESE will be held in accordance with the examination schedule issued by the University from time to time.

A candidate who fails in three theory papers in a semester or who does not pass the examination (ESE) in any course(s) (or due to some reason is not able to appear in the ESE, other conditions being fulfilled, and so is considered as ‘Fail’), shall be permitted to appear in the examination of such failed course(s) in the subsequent ESE, or when the course is offered next, as the case may be. However, if such candidate has already attended 80% PCP and completed successfully all requisite activities/tasks prescribed under CCA, then such candidate will be exempted from the requirements mandatory under CCA component.

The registration for the ESE will be done at the time of enrollment for the programme at the beginning of the semester. If a student is not permitted to appear in the ESE due to shortage of attendance beyond the exemption limit (i.e. < 80% attendance), he / she shall be deemed to have ‘dropped’ the course. However, such candidate, on his / her written request to be made immediately to Director (ICDEOL), can be permitted to redo the missed semester after completing the rest of the programme or whenever the programme is offered subsequently. This redoing would mean complete course including CCA and ESE.

Medium of Examination: The question papers in ESE will be set in both English and Hindi language consisting five sections A, B, C, D, and E. A candidate can opt for either language as medium of examination. The structure of question papers in ESE will be as follows:

Part - 1
This part shall be compulsory and will carry 14 marks. There shall be 6 objective type questions i.e. MCQ, True/False, Completion type etc. carrying one mark each. In addition, there shall be 4 short answer type questions (80 to 100 words each) of 2 marks each. These questions will cover the entire syllabus of the particular course.

Part - 2
The second part of the question paper will have four sections I, II, III and IV based on syllabi of respective four units of each course. There will be two questions in each section from the concerned unit. One question carrying 14 marks is to be answered by the student in atleast 800 words. The questions may contain sub-parts of different marks. The marks for each part and the required word limit will be shown against it.
Setting of Question Papers for the ESE

(a) Questions in all parts will be set in a manner so as to cover the whole syllabus.
(b) The question paper for the ESE will be got set by the office of the CoE, H. P. University, Shimla.
(c) Candidates reappearing in a subsequent examination shall be examined in accordance with the scheme and syllabus in force.

Grievances and Redressal Mechanism

The students will have the right to make an appeal against any component of evaluation. Such appeal has to be made to the Director, ICDEOL on a prescribed format and should clearly state in writing the reason(s) for the complaint / appeal. The appeal will be placed before the Grievance Redressal Committee (GRC), chaired by the Director comprising of the teachers of Education from ICDEOL. The Committee may give a personal hearing to the appellant before deciding the case and the decision of the Committee shall be final in this regard.

Grading

The grade of a student in a course will be decided by combining the marks obtained by him/her in CCA and ESE. For each student, the Grade Point Average (GPA) and the Cumulated Grade Point Average (CGPA) will be determined by the CoE wing of the University. At the completion of the programme, the CGPA will be determined and letter grades will be assigned to the students in the following manner:

<table>
<thead>
<tr>
<th>CGPA</th>
<th>Letter Grade</th>
<th>Explanation of Letter Grade</th>
<th>Classification of Final Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.51 and above</td>
<td>S+</td>
<td>Super</td>
<td>First Class - Exemplary</td>
</tr>
<tr>
<td>9.01 to 9.50</td>
<td>S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.51 to 9.00</td>
<td>O++</td>
<td>Outstanding</td>
<td>First Class - Distinction</td>
</tr>
<tr>
<td>8.01 to 8.50</td>
<td>O+</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.51 to 8.00</td>
<td>O</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.01 to 7.50</td>
<td>A++</td>
<td>Excellent</td>
<td>First Class</td>
</tr>
<tr>
<td>6.51 to 7.00</td>
<td>A+</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.01 to 6.50</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.51 to 6.00</td>
<td>B+</td>
<td>Good</td>
<td>Second Class</td>
</tr>
<tr>
<td>5.01 to 5.50</td>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.51 to 5.00</td>
<td>C</td>
<td>Average</td>
<td>Third Class</td>
</tr>
<tr>
<td>4.50 and below</td>
<td>F</td>
<td>Fail</td>
<td>Fail</td>
</tr>
<tr>
<td>No Grade</td>
<td>I</td>
<td>Incomplete</td>
<td>Incomplete</td>
</tr>
</tbody>
</table>
Conferment of the Degree

The result would be declared by the CoE of the University and the degree will be conferred. A candidate shall be eligible for the conferment of the degree only if he/she has earned the minimum required credits with passing grades for this programme.

Curriculum and Courses of Study in MA (Edu) Programme

The curriculum for the programme is designed for semester system. The distribution of different core and elective courses along with research course i.e. dissertation work (spread over the entire span of four semesters) of MA (Edu) programme is as under:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Core Course Code</th>
<th>Credits</th>
<th>Marks</th>
<th>Sr. No.</th>
<th>Elective Course Code</th>
<th>Credits</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>CCA</td>
<td></td>
<td></td>
<td></td>
<td>ESE</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>EDUC301</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>1</td>
<td>EDUC401</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>EDUC302</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>2</td>
<td>EDUC402</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>EDUC303</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>3</td>
<td>EDUC403</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4</td>
<td>EDUC404</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
<td>5</td>
<td>EDUC405</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>EDUC304</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>1</td>
<td>EDUC406</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>EDUC305</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>2</td>
<td>EDUC407</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>EDUC306</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>3</td>
<td>EDUC408</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4</td>
<td>EDUC409</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>EDUC410</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>EDUC307</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>1</td>
<td>EDUC411</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>EDUC308</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>2</td>
<td>EDUC412</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>EDUC309</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>3</td>
<td>EDUC413</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4</td>
<td>EDUC414</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>EDUC415</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>EDUC310</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>1</td>
<td>EDUC416</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>EDUC311</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>2</td>
<td>EDUC417</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>EDUC312</td>
<td>4</td>
<td>30</td>
<td>70</td>
<td>3</td>
<td>EDUC418</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>EDUC601*</td>
<td>4</td>
<td>100*</td>
<td></td>
<td>4</td>
<td>EDUC419</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>EDUC420</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Credits 48 + 4* = 52
Total Credits 360 + 840 + 100* = 1300

Total Credits 48
Total Credits 360 + 840 = 1200

* EDUC601 refers to Research Course (Dissertation Work).

= 52
= 1300
= 1200
The semester-wise titles of the core and elective courses in this programme along with their respective course codes shall be as follows:

<table>
<thead>
<tr>
<th>1st Semester</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
<td><strong>Elective Courses</strong></td>
</tr>
<tr>
<td>EDUC301 : Philosophical Bases of Education (Indian)</td>
<td>EDUC401 : Special Education</td>
</tr>
<tr>
<td>EDUC302 : Sociological Foundations of Education</td>
<td>EDUC402 : Teacher Education</td>
</tr>
<tr>
<td>EDUC303 : Fundamentals of Educational Psychology</td>
<td>EDUC403 : Education for Human Values</td>
</tr>
<tr>
<td>EDUC404 : Comparative Education</td>
<td>EDUC405 : Principles and Procedures of Guidance and Counseling</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2nd Semester</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
<td><strong>Elective Courses</strong></td>
</tr>
<tr>
<td>EDUC304 : Philosophical Bases of Education (Western)</td>
<td>EDUC406 : Education for Human Rights</td>
</tr>
<tr>
<td>EDUC305 : Psychology of Learning</td>
<td>EDUC407 : Distance Education</td>
</tr>
<tr>
<td>EDUC306 : Trends in Indian Education (Since 1904 onwards)</td>
<td>EDUC408 : Early Childhood Education</td>
</tr>
<tr>
<td>EDUC409 : History of Indian Education (upto 19th Century)</td>
<td>EDUC410 : Work Experience in Education</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3rd Semester</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
<td><strong>Elective Courses</strong></td>
</tr>
<tr>
<td>EDUC307 : Essentials of Educational Technology</td>
<td>EDUC411 : Environmental Education</td>
</tr>
<tr>
<td>EDUC309 : Educational Measurement and Evaluation</td>
<td>EDUC413 : Curriculum Development</td>
</tr>
<tr>
<td>EDUC414 : Pedagogy of Languages</td>
<td>EDUC415 : Pedagogy of Sciences</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4th Semester</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
<td><strong>Elective Courses</strong></td>
</tr>
<tr>
<td>EDUC310 : Information and Communication Technologies (ICT) in Education</td>
<td>EDUC416 : Yoga and Life Skills Education</td>
</tr>
<tr>
<td>EDUC311 : Methods and Techniques of Educational Research</td>
<td>EDUC417 : Adult and Continuing Education</td>
</tr>
<tr>
<td>EDUC312 : Educational Management and Leadership</td>
<td>EDUC418 : Advanced Statistics in Educational Research</td>
</tr>
<tr>
<td>EDUC420 : Pedagogy of Social Sciences</td>
<td></td>
</tr>
</tbody>
</table>
“FIRST SEMESTER”

Course Type / Nature: Core  
Course Code: EDUC301  
Course Title: PHILOSOPHICAL BASES OF EDUCATION (INDIAN)  
Credits = 4 (Marks = 100 (70 + 30))

Course Objectives:

To enable the learners to:

1. Understand and explain the nature and functions of educational philosophy.
2. Understand the concept and meaning of philosophy and branches of philosophy.
3. Understand and explain six schools of Indian Philosophy.
4. Understand and explain philosophical thoughts of some Indian prominent educational thinkers.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

Unit – 1 Philosophy and Education  
1 Credit

Meaning of Philosophy and Education; Relationship between Education & Philosophy.

Nature, Scope and Functions of Philosophy of Education.

Significance of Philosophy in Understanding Educational Practices and Problems.

Unit – 2 Branches of Philosophy  
1 Credit

Metaphysics; Epistemology, Axiology, Logic, Aesthetics and their Implications in Education
Unit – 3  Indian Schools of Philosophy 1 Credit

Yoga Philosophy, Sankhya Philosophy, Vedanta Philosophy, Vaisheshika Philosophy, Nyaya and Mimansa Philosophy with special reference to the Concepts of Knowledge, Reality and Values and their Educational Implications.

Unit – 4  Indian Educational Thinkers 1 Credit

M.K. Gandhi: Aims of Education, Curriculum, Methods and Basic Education
Swami Vivekananda: Aims of Education, Curriculum, Methods, Man making Education.
Sri Aurobindo Ghosh: Aims of Education, Curriculum, Functions and Integral Education.
Jiddu Krishnamurthi: The Concept of Self, Aims of Education, Characteristics of Integral Learning, Methods of Teaching and Concept of an Ideal School.

Sessional Work / Activities

Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Prepare a ‘scrap book’ on Indian Philosophers/ Educational Thinkers along with their Teachings.
2. Prepare a comparative report on educational ideas of Swami Vivekananda and Sri Aurobindo Ghosh.
3. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

Suggested Readings:


**Course Type / Nature:** Core

**Course Code:** EDUC302

**Course Title:** SOCIOLOGICAL FOUNDATIONS OF EDUCATION

**Credits = 4** (Marks = 100 (70 + 30))

**Course Objectives:**

*To enable the learners to:*

1. Understand the meaning and nature of educational sociology, sociology of education and social organizations.

2. Understand the social aspects of education.

3. Understand the meaning and concept of social change with special reference to India.

4. Understand the critical note on meaning, nature & determinants of culture and role of education in cultural context.

5. Understand the social interactions and culture.

6. Describe social interaction and their Educational implications.

7. Understand the inequalities, inequities and excellence in education.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False,
Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

Unit – 1  
**Sociological Bases of Education**

1 Credit

Concept of Educational Sociology, Relationship of Sociology and Education.

Meaning and Nature of Educational Sociology and Sociology of Education; Education as a Process in Social System.

Concept and Dynamic Characteristics of Social Organization and its Educational Implications.

Education as an Agent of Socialization.

Unit – 2  
**Social Aspects of Education**

1 Credit

Education and the Home; Education and Secularism, Social Mobility: Meaning, Kinds, Importance and Factors Affecting Social Mobility.


Concept of Urbanization, Modernization and Westernization with Special Reference to Indian Society and its Educational Implications.

Unit – 3  
**Social Interactions and Culture**

1 Credit

Group Dynamics, Socialization of the Child.

Concept of Social Stratification and its Educational Implications.

Meaning and Nature of Culture; Cultural Processes and its Educational Implications.

Role of Education in Cultural Change.

Unit – 4  
**Equality and Excellence in Education**

1 Credit

Education as related to Social Equity and Equality of Educational Opportunities.

Problems of Education in Current Socio-Economic Scenario.
Education of the Socially and Economically Disadvantaged Sections of the Society with special reference to Scheduled Castes and Scheduled Tribes, Women and Rural Population.

Sessional Work / Activities

Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Socio-Economic Survey of a nearby habitation (five families only).
2. Preparation of the report on activities/ events in the local community relating to improvement of quality of life (taking any one aspect).
3. Analysis of the impact of modernization in the transformation of the local community.
4. Visit to a rural/tribal school, observation of activities and preparation of a reflective diary and interaction in a group.
5. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

Suggested Readings:
Havighurst and Newgarten (1960), Society and Education, Boston: Allyn and Bacon.


**Course Type / Nature:** Core  
**Course Code:** EDUC303  
**Course Title:** FUNDAMENTALS OF EDUCATIONAL PSYCHOLOGY  
**Credits** = 4  
{Marks = 100 (70 + 30)}

**Course Objectives**
To enable the learners to:

- develop understanding of the psychological and development basis of education.
- understand the concept and different principles of growth and development
- understand the different aspects of development of learner’s personality.
- understand different theories of development and their educational implications
- understand different dimensions of individual differences
- understand the changing concept of intelligence, creativity and its application.
- understand different theories of personality
- understand different techniques of assessment of personality
- understand the concept of mental hygiene and health and its importance in their life.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False,
Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

**Unit – 1 Psychological Bases of Education and Development**  
1 Credit

Growth and Development – Concept, Stages, Principles of Growth and Development
Factors Influencing Development – Genetic and Environmental.
Theories of Development and their Educational Implications with special reference to:
- Piaget’s Cognitive Development
- Freud’s Psycho-sexual Development

**Unit - 2 Managing Individual Differences**  
1 Credit

Stage Specific Characteristics during Infancy to Adolescence Period.
Individual Differences: Meaning, Dimensions and Causes of Individual Differences
- Role of Teacher to minimize Individual Differences

**Unit – 3 Intelligence and Creativity**  
1 Credit

Nature of Intelligence – Concept and Types, Abstract, Concrete, Emotional and Spiritual
Theories of Intelligence and their Educational Implications with Special Reference to;
- Two Factor Theory by Spearman
- Guilford’s Sol Model
- Gardener’s Theory of Multiple Intelligences

Measurement of Intelligence
- Verbal (Individual and Group) Tests
- Non-Verbal (Individual and Group) Tests
Performance (Individual) Tests
Creativity: Concept, Factors and Process, Techniques for Enhancing Creativity.
Brain-Storming (Osborn)
Synectics (Gorden)

Unit – 4  Personality and Mental Hygiene  1 Credit
Theories of Personality and their Educational Implications
(i) Trait Theories by Allport and Cattell
(ii) Type Theory by Eysenck
(iii) Humanistic Theories by Carl Rogers and Maslow
Assessment of Personality: Inventories, Rating Scales and Projective Techniques.
Mental Hygiene and Health - Nature, Concept, Scope and Principles; Factors Affecting Mental Health.
Measures for Promoting Mental Health (Preventive and Curative).

Sessional Work / Activities
Marks = 5 (under CCA Component)
A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Administer and interpret and prepare a report on any one of the following tests:
   - Individual test of intelligence
   - Group test of intelligence
   - Personality inventory
2. Any other activity / activities that the concerned course teacher may think appropriate can be allotted during PCP to the candidates.

Suggested Readings
Hilgard and Atkinson : Introduction to Psychology, Oxford and IBH Publisher, Bombay.
Course Type / Nature: Elective
Course Code: EDUC401
Course Title: SPECIAL EDUCATION
Credits = 4 (Marks = 100 (70 + 30))

Course Objectives
To enable the learners to;

1. acquire knowledge and understanding of special education.
2. acquire knowledge and understanding about different areas of disability (Visual, Hearing and Orthopedically Impaired, Mentally Retarded).
3. understand the Government Policies and National Institutes for disabled.
4. acquaint them with educational programmes, for the education of the disabled.
5. understand the role of resource teacher, parents, peers and society in rehabilitation of the disabled.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

UNIT 1  Special Education  1 Credit
Concept, Objectives and Basic Principles of Special Education; Status of Special Education in India
Concept of Impairment, Disability, Handicap.
Concept of Integration and Inclusive Education.
Attitudinal, Social and Educational Barriers in Inclusive Education.

UNIT 2  National Perspective of Special Education  1 Credit
National Trust Act, 1999.

Role of Rehabilitation Council of India in Education of CWSN.

UNIT 3 Special Education for Children 1 Credit


UNIT 4 Educational Provisions for CWSN 1 Credit


Enrichment Programme for Gifted Children.


Sessional Work / Activities

Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Preparation of one teaching aid (model) to teach special need children
2. Visit any Special School and report about school settings.
3. Any other activity / activities that the concerned course teacher may think appropriate can be allotted during PCP to the candidates.

Suggested Readings:
Kundu, C.L. (Editor in Chief): Status of Disability in India 2000, New Delhi: Rehabilitation Council of India.


Course Type / Nature: Elective
Course Code: EDUC402
Course Title: TEACHER EDUCATION
Credits = 4 (Marks = 100 (70 + 30))

Course Objectives:
To enable the learners to;
1. Gain insight and reflect on the concept of teaching and the status of teaching as a profession.
2. Understand the roles and responsibilities of teacher and teacher educators.
3. Critically examine the role and contribution of various regulating bodies and support institutions for improving quality of teacher’s education.
4. Develop understanding of various strategies of teacher’s professional development.
5. Gain insight into the status of teacher in-service education in the country.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

Unit – 1 Meaning and Concept of Teacher Education 1 Credit
a. Historical Perspective of Teacher Education in India.
b. Aims and Objectives of Teacher Education with special reference to Kothari Commission, NPE; PoA 1992 at:
   (i) Elementary Level
   (ii) Secondary Level
   (iii) College Level

Unit – 2 Teacher and Teaching Profession 1 Credit
a. Teachers’ Changing Role and Responsibilities.
b. Concept of Profession; Teaching as a Profession, Professional Ethics and Code of Conduct for Teachers.
c. Role and Responsibilities of Teachers and Teacher Educators.
d. Teacher Appraisal and Accountability.

Unit – 3  Pre-Service Teacher Education  

1 Credit  
a. Concept, Nature, Objectives and Scope of Pre-Service Teacher Education.
b. Components of Pre-Service Teacher Education - Basic Components, Specialization Areas, Practicum Internship, Co-Curricular Activities, Working with the Community and Work Experience, Role of DIET’s and CTE’s in Pre-Service Teacher Education.
c. Issues, Concerns and Problems of Pre-Service Teacher Education.

Unit – 4  Continuing Professional Development of In-Service Teachers  

1 Credit  
a. Concept, Scope, Objectives and Importance of Continuing Professional Development of In-Service Teachers.
b. Organization of Training, Appraisal of Training Material and Modules.
c. Cascade and Split Model followed in In-Service Training of Teachers under SSA and RMSA.
d. Role of DIETs, BRCs and CRCs in In-Service Teacher Training.
e. Role of UGC – HRD Centers in Professional Development of Teachers at Higher Education Level.

Sessional Work / Activities  
Marks = 5 (under CCA Component)  

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:
1. Prepare a Report on the Training Provided to elementary teachers under SSA in Your Block.
2. Prepare a report on the Advantages/Difficulties of RUSA.
3. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

Suggested Readings:

**Course Type / Nature:** Elective  
**Course Code:** EDUC403  
**Course Title:** EDUCATION FOR HUMAN VALUES  
**Credits = 4** (Marks = 100 (70 + 30))

**Course Objectives**
To enable the learners to:

1. understand the need and importance of value education.
2. understand the nature of values, moral values, moral education and to differentiate such form religious education, moral training or moral indoctrination.
3. orient with the basis of morality and with the place of reason and emotions in moral development of the child.
4. understand the process of moral development vis-s-vis their cognitive and social development.
5. orient with various intervention strategies for moral education and conversion of moral learning into moral education.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.
UNIT 1: Human Values

Concept, Characteristics, Objectives and Principles of Value Education
Value Oriented Thoughts from Different Religions
Need and Importance of Value Education in the existing Social Scenario

UNIT 2: Classification of Human Values

General Classification of Human Values.
Classification of Values based on Indian Philosophy
Classification of Values according to Gandhi and Tagore.
Classification of Values according to NCERT.

UNIT 3: Role of Different Agencies in Promotion of Human Values

Role of Family, Educational Institutions, Community and NGO’s in Promotion of Human Values.
Constitution and Culture as Source of Values.
Recommendations of UNESCO Summit on “Value in Education” (1998)

UNIT 4: Universal Values and Methods of Inculcating Values

Five Universal Values (Truth, Peace, Love, Righteous Conduct and Non-violence)
Direct and In-Direct Methods / Ways of Inculcating Human Values

Sessional Work / Activities

Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Select a story / an episode / an incident from an epic or any situation and analyse the human values integrated in it.
3. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

Suggested Readings:


Gokak, V.K. (1973), A Value Orientation to our System of Education. M.M. Gulb and Sons, Gulab Bhawan, New Delhi.


Goyal, B.R.(1979), Document on Social, Moral and Spiritual Values in Education. NCERT, New Delhi

Joshi, Kireet, (1976), Education for Personality Development, New Delhi, NCERT, (NIE Lecture Series).


**Course Type / Nature:** Elective  
**Course Code:** EDUC404  
**Course Title:** COMPARATIVE EDUCATION  
**Credits = 4** (Marks = 100 (70 + 30))

**Course Objectives:**
- To enable the learners to;
  1. Understand the meaning and scope of Comparative Education.
  2. Understand and explain the modern trends in world education and UNO.
  3. To acquaint the students with educational systems in terms of factors and approaches of comparative education.
  4. To orient the students with skills to assess the efficiency of educational system of various countries in terms of prevailing trend in those countries.
  5. To create a perspective in the students about the implications of education for solving the prevailing problems of education in India.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D.
and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

Unit – 1  Comparative Education  1 Credit

Concept, Scope, Purpose, and Need of Comparative Education.

History and Development of Comparative Education.

Approaches to Comparative Education: Historical, Philosophical, Sociological and Problem Approach.

Unit – 2  Modern Trends and U.N.O.  1 Credit

Modern Trends in World Education – National and Global,
Role of U.N.O. in Improving Educational Opportunities among the Member Countries.

Unit – 3  Comparative Study  1 Credit

Comparative Study of the Education Systems with special reference to:

Primary Education: USA, UK and India
Secondary Education: USA, UK and India
Higher Education: USA, UK and India

Unit – 4  Problems of Education  1 Credit

Poverty, Unemployment, Population Explosion, Casteism, Communalism, Illiteracy,
Gender Sensitization, Economic Under-Development: Their Causes, Effect on Development and Solution through Education.

Sessional Work / Activities

Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. A Case study of Comparative study on Educational system of two countries
2. A Case study of Problem prevailing in development countries with special reference to India: Causes & their solutions.
3. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

Suggested Readings:
Carlton, R., Colley and Machinnon (1977), Educational change and Society, Toronto, Gage Educational Publishing.


Course Type / Nature: Elective
Course Code: EDUC 405
Course Title: PRINCIPLES AND PROCEDURES OF GUIDANCE AND COUNSELING
Credits = 4 {Marks = 100 (70 + 30)}

Course Objectives

To enable the learners to:

1. understand concept, need and view point of guidance
2. understand principles, and problems of different types of guidance.
3. understand concept and needs and guidance for the children with special needs.
4. understand the concept and process of counseling
5. acquaint with the aim and principles of guidance programme
6. understand the various procedures of organizing various guidance services.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

Unit 1: Guidance 1 Credit

- Concept, Needs, Assumptions, Scope and Significance of Guidance
- Testing and Non-testing Techniques of Guidance
- Steps in Guidance
- Issues and Problems in Guidance

Unit 2: Types of Guidance 1 Credit

- Types of Guidance – Educational, Vocational and Personal.
• Organization of Guidance Services at Elementary and Secondary School Level.
• Role of the Head and Teacher in Guidance Programme.

**Unit 3: Guidance of Children with Special Needs (CWSN) 1 Credit**

- Problems and Needs of CWSN.
- Guidance of the Gifted and Creative Students.
- Guidance of Under-Achievers and First Generation Learners.
- Role of the Teachers in Helping Children with Special Needs.

**Unit 4: Counseling Approaches 1 Credit**

- Concept, Characteristics and Principles of Counseling
- Individual & Group Counseling and Ethical Issues in Counseling.
- Counseling Skills.

**Sessional Work / Activities**

**Marks = 5 (under CCA Component)**

_A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:_

1. Visit to a Guidance center and write a report.
2. Organize any one of the activity: Career talk, Career Exhibition, Class talk and Report or Visit and Prepare a report of the guidance services available in any one school.
3. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

**Suggested Readings:**


“SECOND SEMESTER”

Course Type / Nature: Core
Course Code: EDUC 304
Course Title: PHILOSOPHICAL BASES OF EDUCATION (WESTERN)
Credits = 4 (Marks = 100 (70 + 30))

Course Objectives:
To enable the learners to;
1. Understand the concept, bases, objective and types of education.
2. Understand and explain western schools of philosophy.
3. Understand and explain philosophical thoughts of some Western prominent Educational thinkers.
4. Understand the modern philosophies of education.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

Unit – 1 Bases of Education 1 Credit
Concept of Education, Aims & Objectives of Education.

Functions of Education,

Types of Education - Formal, Informal and Non-formal.

Bases of Education: Philosophical, Sociological and Psychological.
Unit – 2 Western Schools of Philosophy 1 Credit
Idealism, Realism, Naturalism, Pragmatism, Existentialism with special reference to the Concepts of Knowledge, Reality, Values and their Educational Implications.

Unit – 3 Western Educational Thinkers 1 Credit
Plato: Education System, Organization and Curriculum, Teaching Methods, Objectives and Functions of Education and Education as a Function of the State.
Jean Jacques Rousseau: Aims of Education, Curriculum, Methods and Child-centric Education.
John Dewey: Aims of Education, Curriculum, Methods and Activity-Centred Education.
Friedrich Froebel: Aims of Education, Curriculum, Methods of Teaching.

Unit – 4 Modern Philosophies of Education 1 Credit
Behaviourism, Marxism, Logical Analysis, Logical Positivism / Empiricism and Constructivism and their Implications for Education.

Sessional Work / Activities
Marks = 5 (under CCA Component)
A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Appraisal of Educational aims and methods proposed by any one western educational thinker in the present socio-cultural context.
2. Prepare a ‘scrap book’ on western philosophers/ Education thinkers along with their teaching.
3. Prepare a comparative report on educational ideas of Plato and Jean Jacques Rousseau.
4. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

Suggested Readings:

Course Type / Nature: Core  
Course Code: EDUC305  
Course Title: PSYCHOLOGY OF LEARNING  
Credits = 4 \{Marks = 100 (70 + 30)\}

Course Objectives
To enable the learners to;

- understand the concept and process of learning
- understand the factors affecting learner’s environment and learning
- understand learning theories and their educational implications
- understand the concept of transfer of learning and importance of its theories in teaching and learning process
- understand the concept of memory its role in learning process.
- understand the concept of forgetting and different techniques to overcome forgetting
- understand the concept of motivation and techniques how to enhance motivation.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

Unit 1 Learning 1 Credit
Learning: Concept, Characteristics and Nature of Learning as a Process, Factors Affecting Learning
Theories of Learning and their Educational Implications
- Classical Conditioning (Pavlov), Operant Conditioning (Skinner), Trial and Error (Thorndike)
- Tolman’s Sign Learning, Information Processing Theory (Donald Norman)
- Kurt Lewin’s Field Theory
Unit 2  Transfer of Learning  1 Credit
Transfer of Learning: Concept, Types of Transfer of Learning and Strategies to Maximize Transfer of Learning.
Theories of Transfer of Learning and their Educational Implications.
Transfer of Learning and Role of Teacher in Transfer of Learning.

Unit 3  Memory and Forgetting  1 Credit
Memory: Concept, Nature and, Strategies to Enhance Memory.
Forgetting - Nature, Theories (Interference Theory, Trace Change Theory, Forgetting as Retrieval Failure).
Factors and Strategies to Minimize Forgetting

Unit 4  Motivation  1 Credit
Maslow’s Theory and Psycho-Analytic Theory of Motivation.

Sessional Work / Activities
Marks = 5 (under CCA Component)
A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:
1. Conducting case study on one student who has difficulties in learning in primary years.
2. Analysis of a case of maladjusted adolescent learner.
3. Preparation of learners profile based on cognitive and non-cognitive characteristics in order to depict individual differences at primary or secondary stage.
4. Any other activity / activities that the concerned course teacher may think appropriate can be allotted during PCP to the candidates.

Suggested Readings

34
Grow Hill Publishing Co.
Hilgard and Atkinson : Introduction to Psychology, Oxford and IBH Publisher, Bombay.

**Course type/ Nature:** Core

**Course code:** EDUC306

**Course Title:** TRENDS IN INDIAN EDUCATION (SINCE 1904 ONWARDS)

**Credits** = 4 {Marks = 100 (70 + 30)}

**Course Objectives:**
*To enable the learners to:*
1. Analyze policies on education in early part of 20th Century.
2. Understand the developments in Indian education system after independence.
3. Explain the contemporary issues of Indian education system.
4. Analyze modern trends of education in India.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

**UNIT – 1** Trends in Education in Pre-Independence Period in India – I 1 Credit

a. Lord Curzon’s Education Policy

- Indian University Commission 1902.
- Indian University Act 1904.

b. Growth of National Consciousness and National Education Movement.

c. Critical Analysis of Calcutta University Commission (Sadler Commission)

UNIT – 2  
**Trends in Education in Pre-Independence Period in India – II  1 Credit**


UNIT – 3  
**Trends in Education in Free India – I  1 Credit**

a. Objectives and Recommendations of University Education Commission (Radhakrishnan Commission) 1948-49

b. Objectives and Recommendations of Secondary Education Commission (Mudaliar Commission) 1952-53


UNIT – 4  
**Trends in Education in Free India – II  1 Credit**


b. Universalization of Elementary and Secondary Education in terms of Norms, Standards and Implementation Mechanism of;

   - Sarva Shiksha Abhiyan (SSA) and RTE Act, 2009.
   - Rashtriya Madhyamik Shiksha Abhiyan (RMSA):
     - Mid Day Meals Programme.

c. Expansion, Equity, Excellence and Privatization of Higher Education in context of RUSA.

**Sessional Work / Activities**

**Marks = 5 (under CCA Component)**

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Report on SSA / RMSA / RUSA


4. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.
**Suggested Readings:**

**Course Type / Nature:** Elective
**Course Code:** EDUC406
**Course Title:** EDUCATION FOR HUMAN RIGHTS
**Credits = 4** {Marks = 100 (70 + 30)}

**Course Objectives**

To enable the learners to;

1. understand concept of citizenship & Human Rights Education.
2. perceive need and importance of citizenship & Human Rights Education.
3. understand correlative nature of citizenship Education and its role in various contemporary issues.
4. identify importance of Human Rights awareness in existing social scenario.
5. learn methodology for developing Human Rights awareness and qualities of good citizenship.
6. comprehend role of Government & non-government organizations, press and media in citizenship and Human Rights Education.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False,
Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

Unit 1: Human Rights – An Introduction 1 Credit
- Concept, Characteristics and Significance of Human Rights.
- History and Classification of Human Rights

Unit 2: Human Rights Education 1 Credit
- History of Human Rights Education
- Famous Indian and International Activists for Protection of Human Rights.
- Activities in Schools for Promoting Human Rights Awareness among Children.

Unit 3: Enforcement of Human Rights 1 Credit
- Formal Mechanism for the Enforcement of Human Rights (Role of Different UN Organs, International Agencies, National and State Level Agencies, NGOs in Enforcement of Human Rights).
- Constitutional Provisions for Human Rights Protection of Women, SCs, STs and Minorities.
- Role of Press and Media for Promotion of Human Rights Education among Masses.

Unit 4: Acts and Agencies for Human Rights Enforcement 1 Credit
- Life-Saving Technologies: Organ Transplant and Sale, Right to Clean Environment and Public Safety, Right to Die in Dignity, Transparency in Governance and Right to Information.
- Composition, Functions and Powers of National and State Level Human Rights Commission
Sessional Work / Activities
Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Case Study of a School - Identifying activities and curricular content helpful in Citizenship development or Preparation of scrap book on any six major human rights violation issues.

2. Case Study of any organization working in the area of human Rights Education or Conduct a survey in village/slum area regarding awareness among women on human rights and legal literacy.

3. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

Suggested Readings:


Course Type / Nature: Elective  
Course Code: EDUC407  
Course Title: DISTANCE EDUCATION  
Credits = 4 {Marks = 100 (70 + 30)}

Course Objectives:
To enable the learners to:

- Understand the Concept, Features, Objectives and Scope of Distance Education.
- Familiarize with issues related to Planning, Management, Promotion and Coordination of Distance Education.
- Apply the implications of Theories of Learning and Communication for Course Designing to Distance Learners.
- Understand the process of Designing and Development of Self-Learning Print Material.
- Apply New Technologies in the Preparation of Print Material for Distance Learners.
- Understand the mechanism for Learner Support Services in Distance Education.
- Understand the Role of Different forms of Communication Media in Distance Education.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

UNIT 1: Growth & Development of Distance Education 1 Credit
Distance Education: Concept, Features, Objectives and Scope.
Issues in Planning and Management of Distance Education Institutions.
Promotion and Coordination of Distance Education at National and International Level

UNIT 2: Designing and Development of Self-Learning Print Materials 1 Credit
Factors affecting Design of Print Materials, Implications of Theories of Learning and Communication for Course Designing in Distance Education.

Applications of New Technologies in the Preparation of Print Material.

UNIT 3: Mechanism for Learner Support Services 1 Credit

Learner Support Services: What, Why and How?

Institutional Arrangements for Learner Support: Counseling and Tutoring Services, Practice and Media of Counseling, Face-to-Face Sessions, Interaction through Assignments, Tutoring through Correspondence.

UNIT 4: Communication Media for Distance Education 1 Credit

Issues in Communication in Distance Education, Applications of Communication Technology in Distance Education.

Media in Distance Education: Radio, Television and Computer as an Educational Media. Uses of Satellite Technology and Internet for Distance Education.

Sessional Work / Activities

Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Critically analyze the self instructional material of this course in the light of unit 2 and suggest some points for its further improvement.
2. Suggest some means by which we can make our distance education programmes more interactive.
3. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

Suggested Readings:

Chib, S.S. (1986): Distance Education. Chandigarh: Chadda Publication.


Holmberg, B. (1986): Growth and Structure of Distance Education. London: Croom Helm.


IGNOU (1988): Growth and Philosophy of Distance Education. (Block 1, 2 &3). IGNOU, New Delhi.


**Course Type / Nature:** Elective  
**Course Code:** EDUC408  
**Course Title:** **EARLY CHILDHOOD EDUCATION**  
**Credits = 4** (Marks = 100 (70 + 30))

**Course Objectives:**  
To enable the learners to;
- Understand the concept of Early Childhood Education
- Understand the Contributions of different Philosophers and Educationists to Pre-School Education.
- Understand the various types of programmes, scheme, services and organizations to meet the welfare needs of children.
- Understand laws and policies for children and discuss implementation, issue and strategies.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**  
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D.
and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

**Unit 1. Introduction to Early Childhood Education**  
1 Credit

- Need, Importance and Objectives of Early Childhood Education,
- Significance of Child Rearing Practices & Learning.
- Development of Pre-School Education in India

**Unit 2. Policies and Programmes for Children**  
1 Credit


**Unit 3. Contributions of Philosophers and Educationists to Pre-School Education**  
1 Credit

- Jean Jacques Rousseau (Pioneer), Frederich Wilhelm August Froebel (KG), McMilan Sisters (Nursery), Maria Montessori (Montessori), Mahatma Gandhi (Basic Education)

**Unit 4. Pre-School Education and its Agencies**  
1 Credit

- Activities and Programmes for Pre-School Education, Anganwadi and Day Care Programmes.
- Characteristics of a Balanced Pre-School Curriculum, Evaluation of Pre-School Curriculum and its Activities,

**Sessional Work / Activities**

**Marks = 5 (under CCA Component)**

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Prepare a report on the nutritional status of children under age five and their mothers of your village.
2. Collect reliable data on child health indicators; immunization, prevalence, and treatment of diseases among children under age five of your village.

3. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

**Suggested Readings**


**Course Type / Nature:** Elective  
**Course Code:** EDUC409  
**Course Title:** HISTORY OF INDIAN EDUCATION (UPTO 19TH CENTURY)  
**Credits = 4 {Marks = 100 (70 + 30)}**

**Course Objectives:**  
*To enable the learners to:*  
1. Understand the development of education in India during pre-independence period.  
2. Understand the historical factors that contributed to present education system.  
3. Explain the important features of various Commissions and Policies of education during pre-independence period.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**  
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False,
Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

UNIT–1 **Historical Perspective before 19th Century**  
1 Credit  

a. Vedic Education: Objectives and Characteristics.  
b. Brahmanic Education: Objectives and Characteristics.  
c. Buddhist Education: Objectives and Characteristics.  
d. Muslim Education: Objectives and Characteristics.

UNIT–2 **Historical Perspective in First Quarter of 19th Century**  
1 Credit  

b. The Charter Act of 1813  
c. The East–West Controversy.

UNIT–3 **Historical Perspective in Second Quarter of 19th Century**  
1 Credit  

b. Bentick’s Resolution and Acceptance of Macaulay’s Minutes.  
c. William Adam’s three Reports on Education (1835-38)

UNIT–4 **Historical Perspective in Third Quarter of 19th Century**  
1 Credit  

c. Influence of Hunter Commission on Subsequent Development of Education in India.
A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Compare and Prepare a report on Vedic and Buddhist Education.
2. Justify Wood’s Despatch as “The Magna Charta of Indian Education”
3. Any other activity / activities that the concerned course teacher may think appropriate can be allotted during PCP to the candidates.

Suggested Readings:
M.H.R.D, Report of the University Education Commission (1948), Ministry Of Education, New Delhi, Govt. of India.
Course Type / Nature: Elective  
Course Code: EDUC410  
Course Title: WORK EXPERIENCE IN EDUCATION  
Credits = 4 (Marks = 100 (70 + 30))

Course Objectives:  
To enable the learners to;  
1. Provide practice in various fields of works in order to help the distance learners discover their aptitude and capabilities.  
2. Gain experience in useful and productive work.  
3. Foster their creativity.  
4. Train distance learner in some common Gardening skills.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

Unit – 1 Work Education and Preparing Teaching Learning Material (TLM)  1 Credit
Work Education – Historical Perspective and Objectives;
Meaning, Purpose and Importance of Learning Materials in Teaching, Characteristics of Effective and Useful Teaching-Learning Material (TLM),
Different types of Materials and Resources, Constructing TLM.
Strategies for Effective Use of Teaching-Learning Materials.

Unit – 2 Art and Craft Centered Education  1 Credit
Meaning of Art and Craft Centered Education, Methods for Art and Craft Teaching; Influence of Arts on Children’s Development,
Unit – 3  Medical First Aid  
Meaning of First Aid; Injuries and Common Physical Hazards in School and Home. Ways of First Aid for Fractures, Burning, Poisoning, Wounds, Sun Stroke, Vomiting, Diarrhea, Bites, Drowning, High Blood Pressure and Low Blood Pressure. First Aid in the Science Laboratory; Constituents of First Aid Box in School and at Home.

Unit – 4  Campus Beautification in Schools  
Garden and Gardening: Purpose of Establishing Garden in Schools and Home. Steps for Establishing Garden in School and Home. Role of Gardening in Environmental Protection; Creating Environmental Awareness through Gardening.

Sessional Work / Activities  
Marks = 5 (under CCA Component)  
A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Participation in any one activity related to Gardening and Environmental Protection, like, plant exhibition, making plants nursery, preparation of cartoons, participation in quizzes etc.

2. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates

Suggested Readings:  
The State of South Australia, Department of Education and Children’s Services (2004)Choosing and using teaching learning material, Produced by DECS Publishing 266 Port Road, Hindmarsh, SA 5007 


Jenkins, P.D. 1986. Art for the fun of it. A guide for teaching young children. USA :


“THIRD SEMESTER”

Course Type/Nature: Core
Course Code: EDUC307

Course Title: ESSENTIALS OF EDUCATIONAL TECHNOLOGY
Credits=4 {Marks = 100 (70 + 30)}

Course Objectives
To enable the learners to;

- Understand the concept, scope and importance of educational technology.
- Understand the role of technology in various educational practices.
- Understand the roles of modern trends in Educational Communication.
- Understand the stages of teaching along with operations involved in them.
- Understand the various models of teaching.
- Understand various Instructional Strategies.
- Understand the behaviour modification techniques in teaching – Learning Process.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are
required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

UNIT 1: introduction to Educational Technology and Communication

- Concept, Scope and Importance of Educational Technology
- Components of Educational Technology: Hardware and Software
- Role of Technology in Various Educational Practices
- Modern Trends in Educational Communication such as e-mail, Teleconferencing and Interactive Video Conferencing, Wiki, Blogging and Social Networking

UNIT 2: Levels, Stages and Models of Teaching

- Memory, Understanding and Reflective Levels of Teaching and their Implications.
- Stages of Teaching along with Operations involved in them
- Models of Teaching: Concept and Elements of Teaching Models
- Glaser’s Basic Model and Bruner’s Concept Attainment Model

UNIT -3: Instructional Strategies

- Instructional Strategies: Student-Centered & Teacher-Centered Strategies.
- Procedure, Advantages and Limitations of Lecture; Lecture-cum-Demonstration; Group Discussion and Brain Storming Strategies.
- Language Laboratory and its use in Development of Linguistic Skills.

UNIT-4: Modification of Teaching Behaviour

- Micro -Teaching: Meaning, Procedure, Merits and Limitations.
- Components of Skills of Teaching: Probing Questions, Reinforcement and Stimulus Variation.
- Flander’s Interaction Analysis Technique for Modification of Teacher Behaviour.
- Simulation or Simulated Teaching.
Sessional Work / Activities
Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Each student shall prepare two micro-lesson based on any four Micro -Teaching skills (Explaining, Probing Questioning, Reinforcement, stimulus Variation) concerned with the secondary school subjects.

2. Each student shall develop self instruction / Program instruction / computer assisted instruction material for any unit of any school subject of his choice.

3. Any other activity/activities that the concerned course teacher may think appropriate can be allotted during PCP to the Candidates.

Suggested Readings


Course Type / Nature: Core  
Course Code: EDUC308  
Course Title: FOUNDATIONS OF EDUCATIONAL RESEARCH  
Credits = 4 {Marks = 100 (70 + 30)}

Course Objectives:
To enable the learners to:

- Understand the Concept, Types and Importance of Educational Research.
- Identify the Problems relating to different Stages of Education.
- Identify the Priority Areas in Educational Research.
- Understand the importance of Literature Review in Research.
- Formulate Research Objectives and Hypotheses.
- Understand Concept of Population and Sample.
- Understand the Different Methods of Sampling.
- Understand different Tools and Techniques of Collection of Data.
- Understand the Ethical Issues in conducting Educational Research.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

UNIT 1 Introduction to Educational Research 1 Credit
Meaning, Characteristics and Nature of Research.

Nature of Educational Research, Significance of Research in Education,

Types of Educational Research (Fundamental, Applied and Action Research),

Problems relating to Different Stages of Education, Priority Areas in Educational Research.

UNIT 2 Steps of Educational Research 1 Credit
Review of Literature: Purpose & Sources,

Selection and Characteristics of Good Research Problem,
Variables: Meaning and Types; Objectives: Primary, Secondary and Concomitant
Hypotheses: Meaning, Significance, Types and Formulation.

UNIT 3  Sampling and Tools of Data Collection  1 Credit

Concepts of Population and Sample, Sampling, Sampling Unit, Sampling Frame;
Methods of Sampling (Non-Probability and Probability).

Characteristics of Good Sample; Errors in Sampling and How to Reduce them.

Characteristics of Good Research Tools.

Types and Uses of Tools (Questionnaire, Rating Scales, Interview, Attitude Scales).

UNIT 4  Preparation of Research Proposal and Research Report  1 Credit

Ethical Issues in Conducting Educational Research,

Skills needed to Design and Conduct Educational Research.

Preparation of Research Proposal or Synopsis.

Style, Format and Steps of Writing the Research Report; APA Style of Referencing.

Sessional Work / Activities

Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a
detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Identification of variables of a research study and their classification in terms of
   levels of measurement.
2. Reporting of the scoring procedure of the available research tool as per its
   Manual.
3. Any other activity / activities that the concerned course teacher may think
   appropriate can be allotted during PCP to the candidates.

Suggested Readings:
Distributers. New Delhi.

Best, John, W., & Kahn James V. (2005). Research in Education”, Prentice Hall of India


Cohen,Louis; Manion, Lawrence & Morrison, Keith (2011). Research Methods in


Course Type / Nature: Core
Course Code: EDUC309
Course Title: EDUCATIONAL MEASUREMENT AND EVALUATION
Credits = 4 {Marks = 100 (70 + 30)}

Course Objectives:
1. Acquaint the students with the basic concepts of educational measurement, assessment and evaluation.
2. Orient the students with the tools and techniques of educational measurement and evaluation.
3. Develop skills among students for constructing and standardizing a test.
4. Sensitize the students about latest trends in the field of educational measurement and evaluation.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in
around 800 words.

Unit – 1:  **Measurement in Education**  
**1 Credit**
Taxonomy of Educational Objectives: Cognitive, Affective and Psychomotor Domains.
Educational Measurement: Concept, Need and Scope.
Difference between Criterion and Norm-Referenced Measurement.
Measurement of Achievement, Attitude and Skills.

Unit – 2:  **Evaluation in Education**  
**1 Credit**
Meaning, Functions and Basic Principles of Educational Evaluation.
Difference between Measurement and Evaluation in Education.
Continuous and Comprehensive Evaluation: Concept, Objectives and Procedure.

Unit – 3:  **Tools of Measurement and Evaluation**  
**1 Credit**
Basic Characteristics of Measurement and Evaluation Tools: Reliability, Validity, Objectivity and Usability; Norms of Interpretation of Test Scores: z-scores and Percentile Norms.
Types of Tests and their Characteristics: Objective and Subjective-Type Achievement Tests, Questionnaires, Schedules, Rating Scales and Performance Tests.

Unit – 4:  **Test Construction**  
**1 Credit**
Basic Principles of Test Construction; Ways of Writing Different Types of Test Items.
Steps of Constructing and Standardizing Criterion-Referenced and Norm-Referenced Achievement Tests.
Development of Classroom Tests (Teacher-Made Tests) for Measuring Achievement.

Sessional Work / Activities

**Marks = 5 (under CCA Component)**

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Prepare a classroom test in the subject of your choice covering a maximum of two units and comprising of both subjective and objectives type test items.
2. Visit a primary school and study how CCE records are maintained by the school authorities. Prepare a detailed report on it.
3. Prepare a rating scale comprising of 15 statements to measure attitude of college and university students towards open and distance education / or any other object/idea.

4. Any other activity / activities that the concerned course teacher may think appropriate can be allotted during PCP to the candidates.

**Suggested Readings:**


**Course Type / Nature:** Elective  
**Course Code:** EDUC411  
**Course Title:** ENVIRONMENTAL EDUCATION  
**Credits = 4 {Marks = 100 (70 + 30)}**

**Course Objectives**
To enable the learners to:

1. understand the concept, characteristics and components of environmental education
2. understand the importance and scope of environmental education.
3. acquaint with possible environmental hazard enabling them to combat with the them negative effects of the programmes of environmental erosion and pollution at various sages of education.
4. orient with various components of environments for preparing a curriculum for environmental education.
5. develop various methods and strategies for realizing the objective of environmental education.
6. understand various projects in the area of environmental studies in different countries.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

**UNIT 1: Environment and Environmental Education**  
1 Credit
- Concept, Characteristics and Components of Environment
- Historical Background of Environmental Education
- Concept, Characteristics, Components and Scope of Environmental Education
- Objectives and Guiding Principles of Environmental Education

**UNIT 2: Environmental Conservation and Sustainable Development**  
1 Credit
- Concept, Characteristics, Objectives and Need of Environmental Conservation
- Concept, Characteristics, Objectives and Need of Sustainable Development
- Concept and Ways of Disaster Management.
- Role of Education in Environmental Conservation and Sustainable Development
UNIT 3: Environmental Pollution 1 Credit

- Concept and Types of Environmental Pollution
- Air Pollution: Causes, Sources, Effects and Preventive Measures.
- Water Pollution: Causes, Sources, Effects and Preventive Measures.
- Soil Pollution: Causes, Sources, Effects and Preventive Measures.
- Noise Pollution: Causes, Sources, Effects and Preventive Measures.

UNIT 4: Environmental Hazards 1 Credit

- Concept of Environmental Hazards
- Environmental Hazards: Causes, Sources, Effects and Measures (Global Warming, Acid Rain, Polar Melting, Raising of Sea Level and Ozone Layer Depletion).

Sessional Work / Activities

Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Preparation of Slogans, Charts/Pie-charts and Plantation Activities for Awareness
2. Eco-friendly activities (Direct experiences) or Preparation of Scrap Book on any six major environmental issues.
3. Any other activity / activities that the concerned course teacher may think appropriate can be allotted during PCP to the candidates.

Suggested Readings:


NCERT (2001), Guidelines and Syllabi for Primary Stage Upper Primary Stage, Secondary Stage and Higher Secondary Stage, NCERT, New Delhi.

**Course Type / Nature:** Elective  
**Course Code:** EDUC412  
**Course Title:** STATISTICS IN EDUCATIONAL RESEARCH  
**Credits = 4 (Marks = 100 (70 + 30))**

**Course Objectives:**

To enable the learners to:

1. Understand and apply various statistical techniques to field-based educational data.
2. Appreciate the role of statistical tools / techniques in analysis of data for educational research.
3. Make interpretations of findings revealed through statistical data analysis.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. The paper setter should take care that one theoretical question (with or without sub-parts) and one numerical question from each section should be included in the question paper. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

**Unit – 1 The Cumulative Distributions and Percentiles 1 Credit**

Meaning of Cumulative Frequency; Graphical Representation of Cumulative Frequency. Cumulative Percentage Curve (Ogive) and its Construction.; Uses of Ogive. Percentile and Percentile Ranks; Uses of Percentile Ranks.

**Unit – 2 The Normal Probability Distribution 1 Credit**

Meaning and Importance of Normal Probability Curve (NPC), Properties and Applications of NPC.
Measuring Divergence of Data from Normality (Skewness and Kurtosis).

**Unit – 3: Correlation Methods**

Concept of Correlation, Uses of Correlation and Significance of Correlation Coefficient.

Correlation Methods: Product Moment, Rank Difference Method, Contingency Coefficient (C).

**Unit – 4: Inferential Statistics**

Concept of Inferential Statistics, Parametric and Non-Parametric Statistical Tests.

Type-I and Type-II Errors, Meaning of Statistical Significance, Degrees of Freedom.

Standard Error of Mean, Standard Error of Difference between Means.

Levels of Confidence and Confidence Intervals.

**Sessional Work / Activities**

**Marks = 5 (under CCA Component)**

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Visit a middle / high school and collect achievement-based data of students of any class from the school records. Compute the values of mean and standard deviation (SD) for the data and draw a histogram.

2. During your PCP, collect data from the participants with regard to their age, height, and % marks at undergraduate level. Compute correlation among the variables by applying rank difference method.

3. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

**Suggested Readings:**

Best, John W. Research in Education. New Delhi: Prentice Hall.


Cornell. The Essentials of Educational Statistics.

Garrette, Henry E., Statistics in Psychology and Education. Bombay: Vakils, Feffer and Simons Ltd.


**Course Type / Nature:** Elective  
**Course Code:** EDUC413  
**Course Title:** CURRICULUM DEVELOPMENT  
**Credits = 4** (Marks = 100 (70 + 30))

**Course Objectives:**

To enable the learners to:

1. Understand the need and significance of curriculum in education.
2. Understand the bases and determinants of curriculum.
3. Understand various models and approaches of curriculum development.
4. Understand latest trends and research issues in the area of curriculum development.
5. Acquire different skills and competencies related to the process of curriculum development and its evaluation.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

**Unit – 1  Curriculum: An Overview  1 Credit**

Concept, Need, Significance and Types of Curriculum.  
Philosophical, Social and Psychological Bases of Curriculum.  
Functions and Goals of Curriculum, Characteristics of Effective Curriculum.
Unit – 2  **Curriculum Development**  1 Credit

Basic Principles of Curriculum Development. Determinants of Content Selection for Curriculum (Culture-based, Knowledge-based and Need-based).

Teachers' Role in Curriculum Development.

Curriculum Evaluation: Concept and Strategies.

Relationship between Curriculum Development, Transaction and Evaluation.

Unit – 3  **Models and Approaches of Curriculum Development**  1 Credit

Concept of Curriculum Design, Models of Curriculum Planning and Development: Administrative Line Staff (Taxler) and Grassroot Level Planning (Hilda Taba).

Systems Approach to Curriculum Planning and Development.

Unit – 4  **Recommendations and Research Issues in Curriculum Development**  1 Credit


Recommendations of National Curriculum Framework for Teacher Education (NCFTE), 2009 for Teacher Education.


**Sessional Work / Activities**

**Marks = 5 (under CCA Component)**

*A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:*

1. Visit a school and observe how the curriculum is being implemented or transacted. Prepare a detailed report.

2. Study the curriculum of any one subject of your choice at high school level. Prepare a detailed report mentioning the structure of curriculum and its strengths and weaknesses as perceived by the school teachers.

3. Prepare a report highlighting the major recommendations of different commissions and committees (after independence) with regard to curriculum reforms at school level.

4. Any other activity / activities that the concerned course teacher may think appropriate can be allotted during PCP to the candidates.
**Suggested Readings:**


Cohen, Louis; Manion, Lawrence and Morrison, Keith. A Guide to Teaching Practice.

Apple, Michael W. Ideology and Curriculum.


**Course Type / Nature:** Elective

**Course Code:** EDUC414

**Course Title:** PEDAGOGY OF LANGUAGES

**Credits** = 4 (Marks = 100 (70 + 30))

**Course Objectives**

To enable the learners to:

- Understand meaning, function and principles of Language Learning.
- Understand the relationship of Languages with other subjects of school Curriculum.
- Understand objectives of teaching Languages at school stage.
- Apply various approaches of teaching of Languages.
- Understand listening, speaking, reading and writing skills.
- Understand the importance of curriculum and different principles of curriculum construction.
- Explain the importance and uses of learning resources in Language learning.
- Appreciate the importance of Languages laboratory in learning Languages.
- Prepare unit and lesson plans for teaching Prose, Poetry and Grammar.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown...
against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

**Unit 1: Nature, Structure and Objectives of Teaching Languages**  
1 Credit

- Meaning, Functions, Principles and Objectives of Language Learning.
- Distinction between First Language (L1) and Second Language (L2).
- Role of Languages in Child Development and their Place in the School Curriculum.
- Policies and Recommendations of NPE (1986) and NCF (2005) about the Position of English and Hindi Languages in India.

**Unit 2 Curriculum and Learning Resources in Languages**  
1 Credit

- Curriculum: Concept, Principles of Curriculum Construction in Languages, Selection and Organization of Content, Factors affecting Change in Language Curriculum.
- Language Learning Resources: Need and Importance, Organization of Field Visits and Exhibitions.
- Importance of Various Teaching Aids in Language Learning and Uses of Language Laboratory in Developing Linguistic Skills.
- Qualities of a Good Language Textbook.

**Unit 3: Approaches and Techniques for Teaching Languages**  
1 Credit

- Teaching of Prose - Objectives of Teaching Prose, ways and Approaches of Teaching Prose.
- Teaching of Poetry - Objectives, Ways and Approaches of Teaching Poetry.
- Teaching of Grammar: Objectives, Types and Approaches of Teaching Grammar.
- Ways of Developing Language Skills (Listening; Speaking; Reading and Writing)

**Unit 4: Planning for Teaching and Evaluation in Languages**  
1 Credit

- Unit and Lesson Planning in Languages: Meaning, Need, Importance and Principles.
- Steps in Unit and Lesson Planning in Teaching Prose, Poetry and Grammar.
- Evaluation in Languages: Meaning and Types; Formative, Summative and Diagnostic Evaluation; Identifying Common Errors in Languages and Methods of Remedial Instruction.
- Continuous and Comprehensive Evaluation: Concept and Techniques with reference to Languages.
Sessional Work / Activities
Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Prepare any one self-made working (3-dimensional) teaching model from locally available resources for teaching of Languages at senior secondary stage.
2. Power point presentation on any one topic of Language subject of standard VI to X.
3. Any other activity/activities that the concerned course teacher may think appropriate, can be allotted during PCP to the Candidates.

Suggested Readings:
Course Type / Nature: Elective
Course Code: EDUC415
Course Title: PEDAGOGY OF SCIENCES
Credits = 4 (Marks = 100 (70 + 30))

Course Objectives
To enable the learners to;
- Understand the nature and characteristics of sciences.
- Understand the relationship of sciences with other subjects of school curriculum.
- Understand aims and objectives of teaching sciences at school stage.
- State objectives in behavioural terms with reference to concepts and generalizations.
- Apply various methods of teaching of sciences.
- Understand the importance of curriculum and different principles of curriculum construction.
- Explain the importance and uses of learning resources in sciences.
- Appreciate the importance of science laboratory in learning sciences.
- Understand the role of text book, exhibitions and fairs in sciences.
- Differentiate between methods and techniques of teaching sciences.
- Prepare unit and lesson plans for teaching of sciences.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

Unit 1: Foundations of Science Education 1 Credit
- Science: Meaning, Nature and Importance of Sciences in Life.
- Place of Science in School Curriculum and Relationship of Science with other School Subjects.
- Aims and Objectives of Teaching Sciences
- Formulation and Classification of Objectives in Behavioural Terms with reference to Cognitive, Psycho-motor and Affective Domains.
Unit 2  **Curriculum and Learning Resources in Sciences**  1 Credit

- Curriculum In Sciences: Concept, Principles of Curriculum Construction in Sciences, Selection and Organization of Content, Factors affecting Change in Science Curriculum.
- Learning Resources in Science: Need and Importance of Science Laboratory, Organization of Science Club, Science Exhibitions and Science Fairs,
- Importance of Various Teaching Aids in Science and Uses of Smart Classroom in Teaching of Sciences.
- Qualities of a Good Textbook in Sciences.

Unit 3: **Teaching Methods and Techniques**  1 Credit

- Methods and Techniques of Teaching Science: Meaning, Types of Methods/Approaches: Lecture, Demonstration, Problem Solving, Project Method, Laboratory Method and Heuristic Method.
- Techniques and Strategies of Teaching Sciences: Drill and Practice, Brain Storming, Quiz, Play Way Technique and Activity-Based Technique.
- Ways of Developing Scientific Attitude and Aptitude among Children.

Unit 4:  **Planning for Teaching and Evaluation in Sciences**  1 Credit

- Unit and Lesson Planning in Sciences: Meaning, Need, Importance and Principles.
- Steps in Unit and Lesson Planning in Sciences
- Evaluation in Sciences: Meaning and Types; Formative, Summative and Diagnostic Evaluation.
- Continuous and Comprehensive Evaluation: Concept and Techniques with reference to Sciences.

**Sessional Work / Activities**

Marks = 5 (under CCA Component)

*A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:*

1. Prepare any one self-made working (3-dimensional) teaching model from locally available resources for teaching of science at senior secondary stage.
2. Power point presentation on any one topic of science of standard VI to X.
3. Critically Evaluate the existing Science Curriculum prescribed by Himachal Pradesh Board of School Education/CBSE at Elementary and Secondary Level and prepare a report of it.
4. Any other activity/activities that the concerned course teacher may think appropriate can be allotted during PCP to the Candidates.

**Suggested Readings:**


Nair, C.P.S. (1971). Teaching of Science in our Schools, Sulthan Chand & Co. (Pvt.) Limited. 22


Sonika Rajan (2012), Methodology of Teaching Science, New Delhi : Dorling Kindersley (India) Pvt. Ltd., Licenses of Pearson Education in South Asia - Opertional 1 (Page 204)


“FOURTH SEMESTER”

Course Type / Nature: Core
Course Code: EDUC310

Course Title: INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) IN EDUCATION

Credits=4 {Marks = 100 (70 + 30)}

Course Objectives:

To enable the learners to;

- Understand the concept and role of ICT in construction of Knowledge.
- Acquire knowledge and understanding about National Policy on ICT in School Education.
- Identify the challenges in integration of ICT in school education.
- Understand computer fundamentals.
- Apply different Hardware Technologies in Modern Educational Practices.
- Familiarize with the new trends in ICT.
- Apply different e-resources for educational purposes.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying
different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

**UNIT - 1  Introduction to ICT**  1 Credit
- Concept of ICT: Meaning & Characteristics;
- Role of Information Technology in Construction of Knowledge;
- National Policy on ICT in School Education;
- Challenges in Integrating ICT in School Education;

**UNIT-2  Communication**  1 Credit
- Concepts and Process of Communication, Principles of Communication,
- Modes and Barriers of Communication.
- Models of Communication.
- Classroom Communication (Verbal and Non-Verbal).

**UNIT 3: Technology for Classroom Instruction**  1 Credit
- Components, Working and Uses of Over Head Projector (OHP), Movie Projector, Liquid Crystal Display (LCD) Projector, Digital Liquid Display (DLP) Projector.
- Educational Applications of Audio-Video Recording Instruments and Closed Circuit Television (CCTV)

**UNIT- 4: New Trends in ICT**  1 Credit
- Virtual Classroom - Concept, Elements, Advantages and Limitations
- Smart Classroom – Concept, Elements, Advantages and Limitations
- EDUSAT - Concept, Elements, Advantages and Limitations
- Online Learning Resources: e-Library, Websites, Apps, and Web 2.0 Technology.

**Sessional Work / Activities**

**Marks = 5 (under CCA Component)**

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Visit an institution having interactive white board, learn its features and functioning and prepare a report.
2. Prepare a PowerPoint presentation for secondary school students on any topic of your choice.
4. Preparation of two transparencies for teaching the secondary school subject with the help of OHP.
5. Any other activity/activities that the concerned course teacher may think appropriate can be allotted during PCP to the Candidates.

**Suggested Readings**


Department of School Education and Literacy, MHRD (2012). National Policy on Information and Communication Technology (ICT) In School Education. New Delhi


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**Course Type / Nature:** Core  
**Course Code:** EDUC311  
**Course Title:** METHODS AND TECHNIQUES OF EDUCATIONAL RESEARCH

**Credits = 4**  
(Marks = 100 (70 + 30))

**Course Objectives:**

*To enable the learners to;*

- Understand the Meaning, Importance, Steps and Types Of Descriptive Research
- Understand the Meaning, Nature, Importance and Steps involved in Historical Research
- Understand the Meaning, Importance, Steps and Components of Experimental Research
- Understand the Different Approaches of Qualitative Research.
- Analyze the Qualitative Data.
- Understand the concepts and nature of educational data and data analysis / basic descriptive statistical analysis techniques.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

UNIT 1  Descriptive Research and Historical Research 1 Credit

Descriptive Research: Meaning, Importance, Steps and Types of Descriptive Research (Survey Study Method, Correlational Study Method and Case Study),

Historical Research: Meaning, Nature, Importance and Steps involved; Primary and Secondary Sources of Information.

External and Internal Criticism of the Historical Data Sources

Unit 2  Experimental Research and Research Designs 1 Credit

Experimental Research: Meaning, Importance, Steps and Elements of Experimental Research, Methods of Controlling Extraneous Variables

Research Designs: One Group Pre-Test-Post-Test Design, Two Groups Randomized Subjects (Post Test only) Design and Simple Factorial Design (2X2).

UNIT 3  Approaches and Analysis of Qualitative Data 1 Credit

Difference between Qualitative and Quantitative Data.

Qualitative Research: Grounded Theory Research, Mixed Methods Research, Logical Positivism, Phenomenological Inquiry, Interpretivism & Ethnography
Analysis of Qualitative Data with Emphasis on Content Analysis including Logical & Inductive Analysis, Discourse Analysis, Analyses of Interview-based and Observation-based Data.

Unit – 4 Analysis of Quantitative Data: Basics about Descriptive Statistics

1 Credit

Types of Data (Continuous and Discrete Data), Frequency Distribution and its Graphic Representation (Histogram, Frequency Polygon, Pie Chart).

Measures of Central Tendency (Mean, Median and Mode).

Measures of Variability (Range, Quartile Deviation, SD, Variance),

Sessional Work / Activities

Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Preparation of a research proposal on an identified research problem.
2. Any other activity / activities that the concerned course teacher may think appropriate can be allotted during PCP to the candidates.

Suggested Readings:


**Course Type / Nature:** Core  
**Course Code:** EDUC312  
**Course Title:** EDUCATIONAL MANAGEMENT AND LEADERSHIP  
**Credits = 4 (Marks = 100 (70 + 30))**

**Course Objectives:**

*To enable the learners to:*

1. Develop an understanding of the concepts, techniques and practice of educational administration and management.

2. Recognize the importance of management of resources and effective use of ICT in the context of educational management.

3. Critically examine the core and contemporary management and leadership theories relevant to educational practice and settings.

4. Understand new changes and challenges in administration and leadership of institutions.

5. Develop capacities for being effective educational administrators and leaders.

6. Understand different emerging trends in educational administration, management and leadership.

7. Understand the dynamics of total quality management in education.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around
80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

**Unit – 1: Basics of Educational Management 1 Credit**
Educational Management: Concept, Purpose and Principles.
Relationship between Educational Management and Administration.
Role of Teachers in Educational Management.
Role of School Management Committees (SMCs) in Educational Management.

**Unit – 2 Theories of Educational Management 1 Credit**
Theories of Management (Classical, Neo-Classical and Modern Theories) and their Implications for Education.
Total Quality Management (TQM) in Education: Concept and Principles.
Concept and Importance of Management Information System (MIS) in Education.

**Unit – 3: Resource Management in Education 1 Credit**
Management of Physical Resources (School Plant, Playground, Laboratory and Library).
Office Management in Education (Ways of Maintaining Different School Records),
Time Management in Educational Institutions (Meaning, Importance and Preparation of Academic Calendar and Time Table).

**Unit – 4: Educational Leadership and Management of Human Resources 1 Credit**
Concept of Educational Leadership, Types of Leadership (Academic, Administrative, Community and Student-Centered Leadership).
Leadership Skills, Concept of Human Resource Management in Education.
Role of School Head in Managing Educational Institutions and Human Resources in them.
Current Trends in Educational Leadership in the Context of Privatization, Public-Private Partnership in Education.
Sessional Work / Activities

Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Visit a primary school and study how admission and attendance records of students are maintained by the school authorities. Prepare a detailed report on it.
2. Visit a private educational institution at higher level and study it’s organizational and management structure. Prepare a detailed report on it.
3. Interact with the community members in your neighbourhood whose children are studying in government schools. On the basis of this interaction, prepare a detailed report on how community participation can be ensured and enhanced in educational affairs.
4. Any other activity / activities that the concerned course teacher may think appropriate can be allotted during PCP to the candidates.

Suggested Readings:


Course Type / Nature: Elective
Course Code: EDUC416
Course Title: YOGA AND LIFE SKILLS EDUCATION
Credits = 4  (Marks = 100 (70 + 30))

Course Objectives
To enable the learners to;

1. define philosophy of yoga.
2. describe the socio-moral base of yoga.
3. understand the scientific basis and therapeutic values of Yoga.
4. classify yoga and list its instruments.
5. explain medical aspects of yoga in terms of improving mental health and reducing stress.
6. understand the concept of self-development.
7. develop different life skills (social, emotional and cognitive).

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

UNIT 1: Concept and Significance of Yoga  1 Credit

- Concept, Goals and Philosophy of Yoga.

- Socio-Moral Bases of Yoga - the universal code of Socio-Moral restraints and Personal Observances leading to ideal adjustments in life and the final Goal

- Ashtanga Yoga of Patanjali; Yamas and Niyamas, Asanas, Pranayama, Pratyahara, Dharana, Dhyana and Samadhi

- Therapeutic and Psychological Value of Yoga

UNIT 2: Yoga Education  1 Credit

- Concept, Need and Significance of Yoga Education

- Objectives of Yoga Education
• Holistic Approach of Yoga Education
• Place of Yoga in School Curriculum in India in Current Scenario.

UNIT 3: Pillars of Education and Life Skills  
1 Credit

• Concept of Four Pillars of Education: Learning to Know, Learning to Do, Learning to Live Together, Learning to Be.
• Life Skills: Concept, Components and Types of Life Skills; Importance of Emotional, Social and Thinking Skills.
• Importance of Life Skills for Growing Minds.
• Need for Life Skills Education.

UNIT 4: Methods of Developing Various Life Skills  
1 Credit

• Methods and Techniques of Developing Emotional and Social Skills among Children: Story Telling, Role Playing, Group Discussion, Community Service, Educational Trips, Incidental Teaching, Problem Solving Technique, Project Work.
• Methods and Techniques of Developing Thinking Skills among Children: Socratic Method, Problem Solving, Debates, Riddles and Puzzles, Seminars, Quizzes, Brain Storming, Inductive-Deductive Method and Extempore Activities.
• Significance of Yogic Exercises in Developing Life Skills among Children.

Sessional Work / Activities

Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Preparation of Scrap Book on any six major Yoga Asanas with their benefits.
2. Information Search and Analysis Skill (ISAS) Project on Self Development
3. Any other activity / activities that the concerned course teacher may think appropriate, can be allotted during PCP to the candidates.

Suggested Readings:

Satyananda Saraswati, Swami (2002), Asana, Pranayama, Mudra, Bandha, Munger, Yoga Publications Trust Iyengar,
Course Type / Nature: Elective

Course Code: EDUC417

Course Title: ADULT AND CONTINUING EDUCATION

Credits = 4 (Marks = 100 (70 + 30))

Course Objectives:
To enable the learners to:
- acquire knowledge of various concepts, programmes, new initiatives and emerging challenges in adult education.
- understand the concept of curriculum development in adult education.
- identify the role of information and communication technologies in curriculum transaction.
- acquire knowledge of different teaching and training methods in adult education.
- familiarize with the concepts of lifelong learning and continuing education.
- acquire skills to create a literate and educative environment.
- develop the skill of creating reading materials for neo-literates and semi-literates.
- familiarize with the role of various agencies involved in implementation of adult education programmes.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.
UNIT -1: Adult Education 1 Credit

Adult Education: Basic Concepts, Terms, Features and Objectives.

Current Adult Education Policy and Programmes: An Overview.

Initiatives and Programmes of Adult Education.

UNIT -2: Curriculum Development and Transaction in Adult Education 1 Credit

Curriculum Development in Adult Education.

Community Participation in Curriculum Development and Transaction.

Teaching and Training Methods in Adult Education.

Role of Information and Communication Technologies in Curriculum Transaction in Adult Education.

UNIT- 3: Lifelong Learning, Continuing Education and Extension 1 Credit


Reading Materials for Neo-Literates and Semi-Literates.

Continuing and Extension Education – Concept, Need, Objectives and Scope.

Systems Approach to Extension Education.

UNIT -4: Implementing Agencies in Adult Education 1 Credit

Role of Government Department, University, Community and NGOs in Implementation of Adult Education Programmes.

Problems in Implementation of Adult Education Programmes in India.

Ways and Measures to Improve Adult Literacy in India.

Sessional Work / Activities
Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Interact with the youths of your village and prepare a report on the techniques of social networking they are using along with their utilities.
2. During your PCP perform a folk dance of your distinct and later prepare a report on the Folk literature of the district you belong to.

3. Visit to any NGO working for the implementation of any Adult Education Programme and prepare a report on its objectives and functioning.

4. Any other activity / activities that the concerned course teacher may think appropriate can be allotted during PCP to the candidates.

**Suggested Readings:**


Sharma, B. M., Distance Education. New Delhi : Commonwealth Publishers.
Course Type / Nature: Elective
Course Code: EDUC418
Course Title: **ADVANCED STATISTICS IN EDUCATIONAL RESEARCH**
Credits = 4 \{Marks = 100 (70 + 30)\}

**Course Objectives:**

*To enable the learners to;*

1. Understand the concepts and nature of educational data and data analysis / statistical analysis techniques.
2. Understand and apply various statistical techniques to field-based educational data.
3. Appreciate the role of statistical tools / techniques in analysis of data for educational research.
4. Employ computer software for analyzing educational data.
5. Make interpretations of findings revealed through statistical data analysis.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. The paper setter should take care that one theoretical question (with or without sub-parts) and one numerical question from each section should be included in the question paper. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

**Unit – 1**  
**Advanced Methods of Correlation and Regression**  \(1 \text{ Credit}\)

Partial and Multiple Correlation, Biserial, Point-Biserial, Tetrachoric and Phi-Coefficient of Correlation, Simple Linear Regression and Making Predictions; Errors in Prediction.

**Unit – 2:**  
**Parametric Statistical Tests**  \(1 \text{ Credit}\)

Assumptions of t-test and Analysis of Variance (ANOVA), t-test and Significance of Difference between Means (for Small and Large Samples), ANOVA for Equal and Unequal Groups (up to Two Way only).
Unit – 3: **Non-Parametric Statistical Tests**  
1 Credit

Chi-Square Test (Assumptions and Uses), Sign Test, Median Test, Significance of Difference between Percentage and Percentage Change, Margin of Error in Percentage Analysis,

Unit – 4: **Use of Computers in Statistical Data Analysis**  
1 Credit

Use of Computers in Data Analysis, Data Analysis Software (MS-Excel, SPSS), Using MS-Excel and SPSS for Data Analysis.

**Sessional Work / Activities**

**Marks = 5 (under CCA Component)**

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Visit a school and collect achievement-based data for any three classes (in all subjects). Feed this data in a computer in MS-Excel software and draw bar diagram and a line graph based on this data.

2. Visit a college and collect achievement-based data from girls and boys of final year students in any one stream (commerce / arts / science / BCA / BBA etc.). On the basis of this data, test whether there exists a significant difference in achievement of boys and girls.

3. Any other activity / activities that the concerned course teacher may think appropriate can be allotted during PCP to the candidates.

**Suggested Readings:**

Best, John W. Research in Education. New Delhi: Prentice Hall.


Cornell. The Essentials of Educational Statistics.

Garrette, Henry E., Statistics in Psychology and Education. Bombay: Vakils, Feffer and Simons Ltd.


Guilford, J. P. Fundamental Statistics in Education and Psychology.


**Course Type / Nature:** Elective  
**Course Code:** EDUC419  
**Course Title:** PEDAGOGY OF MATHEMATICS  
**Credits = 4** (Marks = 100 (70 + 30))

**Course Objectives**
To enable the learners to:
- Understand the nature and characteristics of Mathematics.
- Understand the relationship of Mathematics with other subjects of school curriculum.
- Understand aims and objectives of teaching Mathematics at school stage.
- State objectives in behavioural terms with reference to concepts and generalizations.
- Apply various methods of teaching of mathematics.
- Understand the importance of curriculum and different principles of curriculum construction.
- Explain the importance and uses of learning resources in Mathematics.
- Appreciate the importance of mathematics laboratory in learning Mathematics.
- Understand the role of textbook, exhibitions and fairs in Mathematics.
- Differentiate between methods and techniques of teaching Mathematics.
- Prepare unit and lesson plans for teaching of Mathematics.

**INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES**
The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

**Unit 1:** Foundations of Mathematics Education  
1 Credit
- Place of Mathematics in School Curriculum and Relationship of Mathematics with other School Subjects.
• Aims and Objectives of Teaching Mathematics
• Formulation and Classification of Objectives in Behavioural terms with reference to Cognitive, Psychomotor and Affective Domains.

Unit 2  Curriculum and Learning Resources in Mathematics  1 Credit
• Mathematics Curriculum: Concept, Principles of Curriculum Construction in Mathematics, Selection and Organization of Content, Factors affecting Change in Mathematics Curriculum.
• Mathematics Learning Resources: Need and Importance of Mathematics Laboratory, Organization of Mathematics Club and Mathematics Exhibitions.
• Importance of Various Teaching Aids in Mathematics and Uses of Smart Classroom in Teaching of Mathematics,
• Qualities of a Good Textbook in Mathematics.

Unit 3:  Teaching Methods/Approaches and Techniques  1 Credit
• Techniques and Strategies of Teaching Mathematics: Drill and Practice, Assignments, Homework, Supervised Study, Play Way Technique and Activity-Based Technique.

Unit 4:  Planning for Teaching and Evaluation in Mathematics  1 Credit
• Unit and Lesson Planning in Mathematics: Meaning, Need, Importance and Principles.
• Steps in Unit and Lesson Planning in Mathematics
• Evaluation in Mathematics: Meaning and Types; Formative, Summative and Diagnostic Evaluation; Major Issues and Concerns in Teaching and Learning of Mathematics in Current Scenario; Methods of Providing Remedial Instruction.
• Continuous and Comprehensive Evaluation: Concept and Techniques with reference to Mathematics.

Sessional Work / Activities
Marks = 5 (under CCA Component)

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Prepare any one self-made working (3-dimensional) teaching model from locally available resources for teaching of mathematics at senior secondary stage.
2. Power point presentation on any one topic of mathematics of standard VI to X .
3. Preparation of Enrichment program for gifted children in mathematics.
4. Any other activity/activities that the concerned course teacher may think appropriate can be allotted during PCP to the Candidates.

Suggested Readings
Course Type / Nature: Elective
Course Code: EDUC420
Course Title: PEDAGOGY OF SOCIAL SCIENCES
Credits = 4 {Marks = 100 (70 + 30)}

Course Objectives

To enable the learners to:
- understand the nature and characteristics of social science.
- understand the relationship of social science with other subjects of school curriculum.
- understand aims and objectives of teaching social science at school stage.
- state objectives in behavioural terms with reference to concepts and generalizations.
- apply various methods of teaching of social science.
- understand the importance of curriculum and different principles of curriculum construction.
- explain the importance and uses of learning resources in social science.
- appreciate the importance of social science laboratory in learning social science.
- understand the role of text book, exhibitions and fairs in social science.
- differentiate between methods and techniques of teaching social science.
- prepare unit and lesson plans for teaching of social science.

INSTRUCTIONS FOR THE PAPER SETTER AND CANDIDATES

The question paper for ESE will carry a total of 70 marks and consist of five sections: A, B, C, D & E. Section A will consist of 6 objective type questions (MCQ, True/False, Completion type) carrying one mark each and 4 short answer type questions carrying 2 marks each which will cover the entire syllabus uniformly. Sections B, C, D & E will have two long answer type questions from the respective Units 1, 2, 3 & 4 of the syllabus & carry 14 marks each. The long answer type questions may contain subparts carrying different marks. The marks for each sub-part and required word limit will be shown...
against it. Section A of the question paper will be compulsory and the candidates are required to attempt one question (and/or its sub-parts) each from the sections B, C, D and E of the question paper. Answers to short questions should be completed in around 80 to 100 words each. Answers to long answer type question should be completed in around 800 words.

Unit 1  
**Foundations of Social Sciences Education**  
1 Credit  
- Place of Social Sciences in School Curriculum and Relationship of Social Sciences with other School Subjects.  
- Aims and Objectives of Teaching Social Sciences  
- Formulation and Classification of Objectives in Behavioural terms with reference to Cognitive, Psychomotor and Affective Domains.

Unit 2  
**Curriculum and Learning Resources in Social sciences**  
1 Credit  
- Curriculum: Concept, Principles of Curriculum Construction in Social Sciences, Selection and Organization of Content, Factors affecting Change in Social Sciences Curriculum.  
- Social Sciences Learning Resources: Need and Importance of Social Sciences Laboratory, Importance of Organizing Field Visits, Visits to Monuments, National Geographical Parks, Excavation Sites etc..  
- Importance of various Teaching Aids in Social sciences and Use of Smart Classroom in Teaching of Social Sciences.  
- Qualities of a good text book in Social Sciences.

Unit 3  
**Teaching Methods / Approaches and Techniques**  
1 Credit  
- Techniques and Strategies of Teaching Social Sciences: Self-Study, Role Play, Brain Storming, Dramatization and Socialized Recitation.

Unit 4  
**Planning for Teaching and Evaluation in Social Sciences**  
1 Credit  
- Steps in Unit and Lesson Planning in Social Sciences.  
- Evaluation in Social Sciences: Meaning and Types; Formative, Summative and Diagnostic Evaluation; Methods of remedial Instruction in Social Sciences.  
- Continuous and Comprehensive Evaluation: Concept and Techniques with reference to Social Sciences.

**Sessional Work / Activities**  
**Marks = 5 (under CCA Component)**

A candidate is required to undertake any one of the following activities and submit a detailed report to the concerned teacher / PCP Coordinator. The activity will carry 5 marks:

1. Prepare no-cost and low cost teaching-learning materials on any two topics for teaching of social science at senior secondary stage.
2. Power point presentation on any one topic of social science of standard VI to X
3. Organizing a Field trip to a place of Historical/political interest.
4. Any other activity/activities that the concerned course teacher may think appropriate, can be allotted during PCP to the Candidates.

Suggested Readings:
Digumarti BhaskaraRao (ed.), Techniques of Teaching Social, Sciences, Sonali Publications, Delhi
George, Alex M. and Amman Madan (2009), Teaching Social Science in Schools: NCERT’s New Text Book Initiative, Sage, New Delhi

Course Type / Nature: Core
Course Code: EDUC601
Course Title: RESEARCH DISSERTATION
Credits = 4 (Marks = 100)

The dissertation work in MA (Education) Programme shall be compulsory and carry 100 marks (4 credits). This shall be a special course involving application of knowledge in solving, analyzing, and / or exploring real-life situations. Each student is required to undertake this dissertation work under the guidance of a teacher of education from ICDEOL or a panel of qualified and eligible research supervisors / teachers (to be appointed by Director, ICDEOL and approved by Vice-Chancellor of H. P. University).
The dissertation will be submitted to the education branch/section of ICDEOL immediately at the end of fourth semester. The dissertation shall be evaluated by an external examiner (out of the panel of examiners to be approved by the Vice-Chancellor of the University) and the internal supervisor jointly. The dissertation will carry a total of 100 marks. The marks will be awarded on the basis of viva-voce examination (25 marks) and evaluation of dissertation including its structure, nature and quality (75 marks).